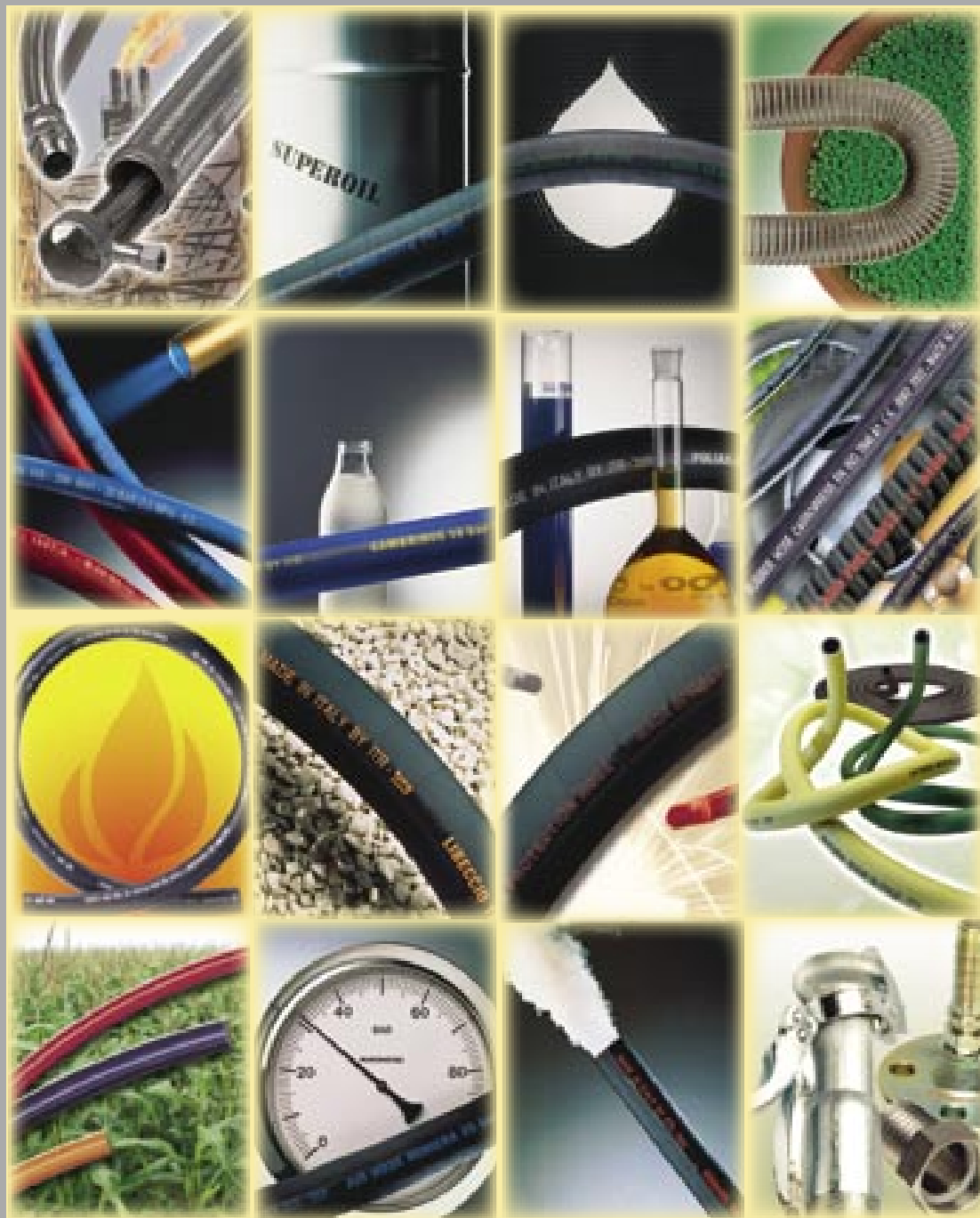




Parker ITR

Industrial Hoses

Catalogue 4401/UK



Parker Hose Products Division

- a short summary of a long history

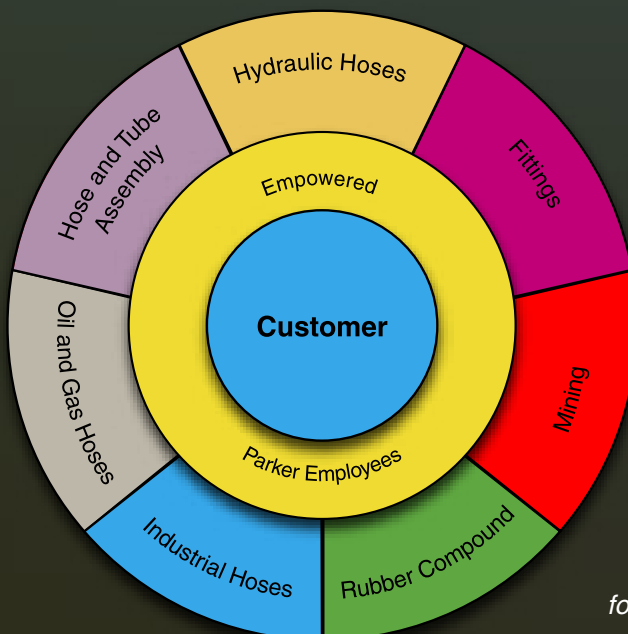
Parker Hose Products Division, established in 1948, is both a pioneer and market leader in the hose business.

With its history of success as a world leader in the hydraulic hose market, Parker now more than ever continues to aggressively pursue new technologies and business, and because of this offers our customers the best solution for each and every hose application.

The Hose Products Division has built strong relationships at the OEM and aftermarket levels, tailoring our products and service to the special requirements of both markets.

Our goal: constant success. Cooperation with our customers brings about confidence and reliability, mutual respect, open communication and prompt and problem-solving responses.

Hose Products Division Europe has its headquarters in Veniano/Italy and can supply the hoses and service you need for your particular business.



HPDE is a customer-centric Division, serving selected European markets with hydraulic and industrial hose products and services. By maximising value for our customers through our quality and service, we can contribute to their and our own long-term profitability. As an easy-to-deal-with organization, we see the empowerment of everyone involved as the key success factor to remaining the preferred source for our markets.

Industrial Hoses

Long length hoses, mandrel-made hoses and PVC hoses ideal for transporting fluids

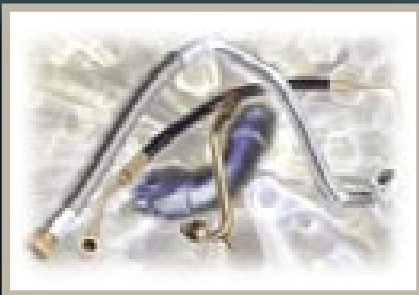


Hydraulic Hoses

Low pressure, medium pressure and high pressure braided and spiral hoses

Hydraulic Fittings

Permanent crimp fittings and re-usable fittings



Hose and Tube Assemblies

Hose assemblies, rigid tubes, hose tube combinations, crimp tooling, Tech Services, Kanban, Kitting, Hose Doctor

Mining Products

Mining hoses, adaptors, valves, filters, pipelines, couplings, manifolds



Oil & Gas Hoses

Floating and submarine hoses, hoses for petrochemical products, suction and delivery hoses, hoses for high, low and very low temperatures

Rubber Compounds

Standard compounds and customer specific formulations. All compounds available in black and coloured



Parker ITR – a giant step into the industrial hose world

The famous ITR brand name has given excellent service and quality to our customers for almost a century. Interestingly, one of the most common trends in the global marketplace over the last several years has been consolidation through alliances, acquisitions, mergers ..., and today ITR is part of the Parker Hannifin Corporation: a step which only goes to enhance Parker ITR's strength and image in the worldwide market.

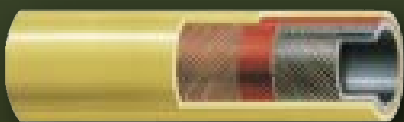
Rubber and PVC-PU Hoses for Industrial Applications

Parker ITR strives to launch new and innovative hoses designed to meet all your material transfer requirements. Our complete line of RUBBER and PVC-PU hoses, combined with industry-leading technical training, customer service, field sales support and distribution network can help and assist you in getting the right product for your application.

Our product range includes industrial hoses for conveying materials such as water, steam, air, abrasive products, chemical media, fuels and mineral oils, technical and domestic gases, etc.

Specially designed hoses for dedicated applications such as petrochemical or aviation are manufactured with premium quality NBR and Chloroprene compounds to limit the risk of fluid contamination and to prolong hose service life. Corrugated hoses are also available to give better performance in terms of flexibility and easy handling.

Polyurethane (PU) hoses represent the real news in Parker's ITR IH programme: for heavy duty and also for tough environmental conditions. Particularly used in the agricultural, food, wood and building industries, they assure excellent technical features in terms of abrasion, ageing and aromatic solvent resistance.



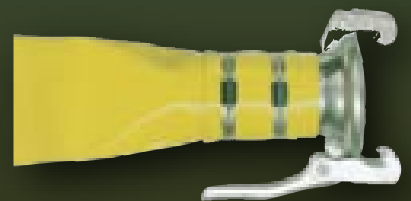
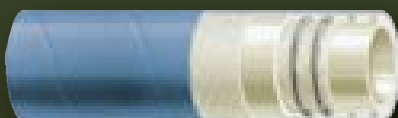
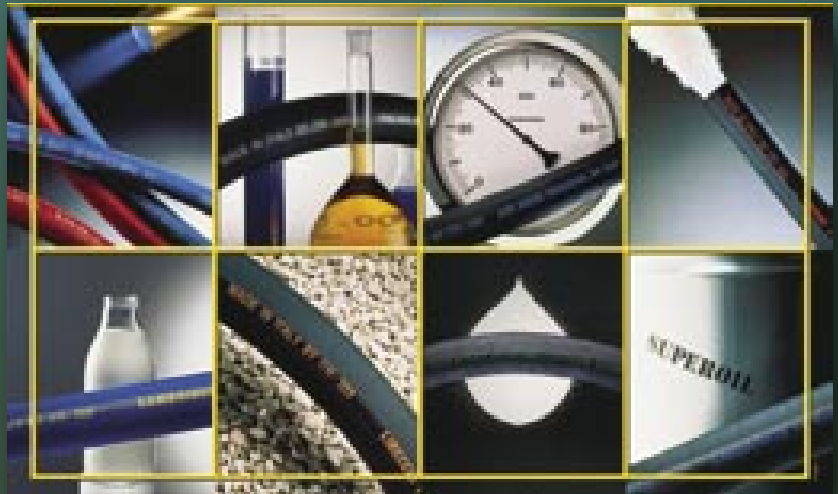
The Parker ITR industrial hose production unit has long-standing experience in the manufacture and supply of high quality industrial hoses that meet the demands of today's market.

Partnership with a strong network of certified distributors enables market needs and evolution to be fully understood and followed.

Market segments for Industrial Hoses:

- **Petrochemical industry**
- **Food industry**
- **Construction and building industry**
- **Shipyards**
- **Agricultural industry**
- **Mining industry**
- **Pneumatic applications**
- **Automotive Industry**

With its history of success as a market leader in the industrial hose business, Parker ITR now more than ever continues to aggressively pursue new technologies and business, and because of this offers our customers the best solution for each and every hose application.



Quality

Parker ITR is a company which operates in compliance with the Quality System laid down by the UNI EN ISO 9001 Standard, certified by Det Norske Veritas.

More and more Parker ITR industrial hoses are certified by the main international certification bodies such as: Bureau Veritas, Cerisie, DNV, TÜV Rheinland, etc.



General Information.....

Ducting Hoses

Fire Extinguisher Hoses

Air Hoses

Water Hoses

Hot Water and Steam Hoses

Gas Hoses.....

Beverage and Food Hoses

Acid and Chemical Hoses

Agricultural Spray Hoses

Oil and Fuel Hoses

Automotive and Boat Hoses

Material Handling Hoses

Cable Protection Hoses.....

Multipurpose Hoses.....

Stainless Steel Hoses

Couplings.....



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B	M10	RADAN DIN (cut length) F9
BETON 80	E13	RADAN K 1003 F10
BEVERA 5 - 10	G5	RADIOR 10 L4
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CEMENT SM 10	N7	D12
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D	H12	M12
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ENOREX N.A. (no abrasion)	H11	O10
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B – Ducting Hose

ASPIREX B4
 FLEXIREX B5
 SUPERFLEXIREX B6
 ASPIREX PU B7
 ASPIREX PU/ANC B8
 ASPIREX PU/R B9
 ASPIREX 140 °C B10

THERMOPRESS 10
 TRT 204 WW 10
 RADAN DIN (coils)
 RADAN DIN (cut length)
 RADAN K 1003
 VAPORE 164
 VAPORE 164 EN ISO 6134 Type 1/A
 VIGOR 1 EN ISO 6134 Type 2/A
 VIGOR 2 EN ISO 6134 Type 2/A

F6 CARBUREX/ANC K19
 F7 GASTRUCK EN 1762 D-M K20
 F8 GASTRUCK EN 1762 SD-M K21
 F9 ROBUR GPL K22
 F10 JETCORD B EN 1361 K23
 F11 JETCORD C EN 1361 K24
 F12 JETCORD E EN 1361 K25
 F13 JETCORD F EN 1361 K26
 F14 JETCORD XT/C K27

C – Fire Extinguisher Hose

FIREPRESS N/L – NR/L 20 C4
 FIREPRESS EN 694 N/L C5
 FIREPRESS BS 3169 A1 NR/L C6
 FIREPRESS DIN 14818 N/L C7
 FIREPRESS 40 EN 3 C8
 FIRECORD 40 BS 3169 A2 C9

G – Gas Hose

AUTOGENE EN 559 NR/ - NB/L 20 C4
 BIPRESS EN 559 B-R/L 20 C5
 SAFETYPRESS 15-25 C6
 CARBO G NW/L 10 - NB/R 10 C7
 INERPRESS EN 559 N/L 20 C8
 PROPANPRESS EN 559 NA/L20 C9
 PROPANDIN NA/L 6 - 30
 PROPAN BS 3212/2 NA/L 20
 PROPANPRESS UL - 21 N/L

L – Automotive and Boat Hose

G4 RADIOR 10 L4
 G5 AIRBRAKE DIN 74310 L5
 G6 AIRBRAKE SAE J1402-A L6
 G7 CARBOPRESS SAE J 200 N/L L7
 G8 CARBOPRESS SAE J 30 R7 N/L L8
 G9 TBSE L9
 G10 TBE L10
 G11 AUTOGAS ECE 67/110 CLASS 2 L11
 G12 CARBOPRESS EN ISO 7840 A1 L12
 CARBOCORD EN ISO 7840 A1 L13
 CARBURITE EN ISO 7840 A1 L14
 SM / TR 311 L15
 SM / TR 311 OND L16
 VARIOPRESS SM NW 10 L17
 VARIOPRESS SM WW 10 L18

D – Air Hose

PRESS N/R 10 D4
 PRESCORD N/R 20 D5
 PRESS N/L - NY/L 20 - N/L 25 D6
 TURBOPRESS N/L 20 D7
 MINIERA 10 D8
 MINIERA 15 D9
 MINIERA 20 D10
 MINIERA 25 D11
 MINIERA 40 D12
 AIR SP 318 N/L 15 - NY/L 15 D13
 AIR ISO 2398 N-T (Type 1B - 2B - 3B) D14
 AIR NFT 47252/A D15
 STATIONPRESS N/L 20 D16
 AIRSTATION NB/L 20 D17
 VIBRAPRESS N/R 10 D18
 VIBRACORD 10 D19
 ISOLPRESS B/L 20 D20
 ISOLPRESS HT N/L 20 D21
 AIRTEMP 180 D22
 DIVER-100 EN 250 N/L D23
 MASKPRESS EN 139 D24

H – Beverage and Food Hose

DRINKPRESS WB/L 10 H4
 GAMBRINUS WB 10 H5
 GAMBRINUS SM WB 10 H6
 GAMBRINUS UPE WB SM EN 12115 H7
 ENOTRIA 10 H8
 FALERNO 10 H9
 ALIREX H10
 ENOREX PLUS H11
 ENOREX N.A. (no abrasion) H12
 APERSPIR H13
 VINITRESS H14
 MILK SM 46 WB 6 H15
 RESILO 5 H16
 RESILO SM 5 H17
 ITTIREX H18

M – Material Handling Hose

LIBECCIO EN ISO 3861 M4
 CEMENT 712 10 M5
 CEMENT 713 10 M6
 CEMENT SM 10 M7
 INTONACATRICI 12 M8
 INTONACATRICI 25 - 40 M9
 BETON 80 M10
 MULTIREX PU M11
 MULTIREX PU/ANC M12
 MEDIREX PU M13
 FORTIREX PU/ANC M14
 APERSPIR PU M15

E – Water Hose

FUCINO 5 - 10 - 20 E4
 PRESCORD N/R 6 - 10 E5
 PRESS N/L 10 E6
 PRESS NR/L 12 E7
 IDRO 10 E8
 WATER 10 E9
 WASSERPRESS 20 E10
 APERFLAT LY E11
 APERFLAT MB E12
 BEVERA 5 - 10 E13
 MULTIREX E14
 MEDIREX SE E15
 FORTIREX E16
 INGLAS 30 E17
 TANK CLEANER E18
 NEVE 50 E19
 ARTIREX E20

J – Agricultural Spray Hose

FRUTPRESS N/L 50 - 80 - 100 J4
 APERFRUT 20-40-80 J5

N – Cable Protection Hose

ROBOT N4
 SALDATRICI 5 - 10 N5
 CABLE 109 N6
 CONDUREX/N N7

K – Oil and Fuel Hose

CARBOPRESS N/L 10 - 20 K4
 CARBOCORD 10 - 15 K5
 CARBURITE 10 K6
 CARBURITE 16 TUEV K7
 CARBURITE F 305 10 K8
 CARBOPRESS D EN 1360/1 N/L K9
 CARBOPRESS D EN 1360/3 K10
 CARBOPRESS D ARTIC N/L K11
 CARBOPRESS D RV K12
 CARBOCORD EN 12115 K13
 CARBOCORD 18 TUEV K14
 CARBURITE BS 3492-D K15
 CHEMIOEL EN 12115 K16

O – Multipurpose Hose

PYTHON NV 10 O4
 PYTHON NY 15 O5
 VARIOPRESS N/L 10-20 O6
 VARIOPRESS SM 10 O7
 JUMBO N/L O8
 OILPRESS N/L 20 - 30 O9
 OILCORD 30 O10

F – Hot Water and Steam Hose

RADIOR 3 (coils) F4
 RADIOR 3 (cut length) F5

P – Stainless Steel Hose

INP P4
 IHQ P5
 IHH P6

Q – Coupling

Coupling Overview Q2

A – General Information

Hose Part Number Description	▶	A3
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Rubber Hose Construction	▶	A11
PVC-PU and Metallic Hose Construction	▶	A12

Packing

All hose coils are wrapped in polythene film, except where indicated otherwise.




Hose Part Number Description

A

IH35.... → PVC or PVC-PU Hose 

IH30.... → Long Length Rubber Hose 

IH36.... → Mandrel made Rubber Hose
 IH42.... → Mandrel made Rubber Hose 

IH35562019/50 PVC or PVC-PU Hose

IH35562019/50 Hose Length: meter → 50 m

or

IH35562019/0 Hose Length: variable

Hose Selection

In order to select correct hose that meets the application requirements it is necessary to give as much operating information as possible. Below is listed the necessary information to help you select the proper hose.

1.- SIZE

- 1a - inside diameter
- 1b - outside diameter
- 1c - length with or without fittings
- 1d - tolerances (according or not to norms)

2.- DUTY

- 2a - type of fluid or material
 - 2a. 1 - chemical identification
 - 2a. 2 - concentration
 - 2a. 3 - room temperature (minimum and maximum)
 - 2a. 4 - for solid materials: description and dimension
- 2b - working, test, bursting pressure
- 2c - requested suction or vacuum
- 2d - fluid conveyance speed
- 2e - flow: quantity, time

3.- APPLICATION

- 3a - non-continuous duty
- 3b - inside or external application
- 3c - ease of rotation and movement
- 3d - flexibility, minimum bend radius
- 3e - environment conditions (cover resistance)
 - 3e. 1 - abrasion
 - 3e. 2 - petroleum based fluids (specify the name)
 - 3e. 3 - solvents (specify the name)
 - 3e. 4 - acids (specify the name and concentration)
 - 3e. 5 - temperature range: room, min and max temperature
 - 3e. 6 - ozone resistance

4.- HOSE WITHOUT FITTINGS

- 4a - manufacturing or project length

5.- COUPLED HOSE

- 5a - fitting type
 - 5a. 1 - dimension
 - 5a. 2 - thread type
 - 5a. 3 - male or female
 - 5a. 4 - reusable
 - 5a. 5 - one-time fitting
 - 5a. 6 - fitting material
- 5b - factory coupled assembly
- 5c - applied by the customer

6.- PARTICULAR REQUIREMENTS

- e.g.:
 - conductivity
 - flame resistance
 - low temperature resistance

7.- INSPECTION AND TESTING

8.- NORMS, SPECIFICATIONS, LEGISLATION ETC.

Conversion Chart

A

	Unit	Base Unit	Conversion Unit	Factor
Length	1 inch	in	mm	25,4
	1 millimetre	mm	in	0,03934
	1 foot	ft	m	0,3048
	1 metre	m	ft	3,28084
Area	1 square-inch	sq in	cm ²	6,4516
	1 square-centimetre	cm ²	sq in	0,1550
Volume	1 gallon (UK)	gal	l	4,54596
	1 litre	l	gal (UK)	0,219976
	1 gallon (US)	gal	l	3,78533
	1 litre	l	gal (US)	0,264177
Weight	1 pound	lb	kg	0,453592
	1 kilogramme	kg	lb	2,204622
Torque	1 pound foot	lb • ft	kg • m	1,488164
	1 newton metre	kg • m	lb • ft	0,671969
Pressure	1 pound per square inch	psi	bar	0,06895
	1 bar	bar	psi	14,5035
	1 pound per square inch	psi	MPa	0,006895
	1 mega pascal	MPa	psi	145,035
	1 kilo pascal	kPa	bar	0,01
	1 bar	bar	kPa	100
	1 mega pascal	MPa	bar	10
	1 bar	bar	MPa	0,1
Velocity	1 foot per second	ft / s	m / s	0,3048
	1 metre per second	m / s	ft / s	3,28084
Flow rate	1 gallon per minute (UK)	gal / min.	l / min.	4,54596
	1 litre per minute	l / min.	gal / min. (UK)	0,219976
	1 gallon per minute (US)	gal / min.	l / min.	3,78533
	1 litre per minute	l / min.	gal / min. (US)	0,264178
Temperature	Fahrenheit degree	°F	°C	$5/9 \cdot (°F-32)$
	Celsius degree	°C	°F	$°C \cdot (9/5) + 32$

(UK) Unit of United Kingdom

(US) Unit of USA

Chemical Resistance Table

The following table is essentially based upon the most updated technical data available, on information from raw material suppliers, as well as some International Standards, e.g. ISO TR 7620, EN 12115, and other publications.

Due to the big variety and amount of different chemical products, the given ratings are only partly based on our own tests. Consequently, the chart is given as a guidance only, and it cannot be assumed as a guarantee, expressed or implied, for the suitability of a product for a specific application. This is due to the widespread range of parameters which are not under our direct control like temperature (internal and external) pressure (constant or peaks) frequency of service and working environment.

For the same reasons, it is impossible to give scientifically based indications concerning service life of hoses, and to determine a generally valid replacement date. This can be verified for instance with periodical hydrostatic tests and a visual check. When in doubt please contact our technical service.

Ratings are based on room temperature.

Parker ITR will cooperate by supplying sampling for tests, and carrying out tests with special chemical products.

WARNING

The service life of rubber hoses is not endless.

Consequently the user must periodically check the suitability of a rubber hose for the intended application, particularly in the presence of dangerous or polluting chemical products or when using the hose at elevated pressures and/or temperatures.

Continuous use at the highest allowed pressures and temperatures dramatically reduces the service life of a rubber hose.

After use hose must be emptied out and washed down.

Many chemical products can cause severe injuries to people or damage to property, or risks of environmental pollution if the hose leaks or bursts.

Agent	EPM	CR	UPE	FKM
1,2 Dichloroethylene				•
Acetaldehyde	•		•	
Acetamide	•		•	
Acetic Acid 10%	•		•	
Acetic Acid 30%	•		•	
Acetic Acid 50%	•		•	
Acetic Acid, Glacial	•		•	
Acetic Anhydride	•	•	•	
Acetone	•		•	
Acetophenone	•		•	
Acetyl Acetone	•		•	
Acetylene	•		•	
Acrylonitrile			•	
Aluminum Chloride	•	•	•	•
Aluminum Fluoride	•	•	•	•
Aluminum Hydroxide	•	•	•	•
Aluminum Phosphate	•	•	•	•
Aluminum Sulphate	•	•	•	•
Ammonia Anhydrous	•			
Ammonia Liquid	•		•	
Ammonium Chloride	•	•	•	•
Ammonium Hydroxide	•		•	
Ammonium Nitrate	•		•	
Ammonium Phosphate	•	•	•	•
Ammonium Sulphate	•	•	•	•
Ammonium Sulphite	•	•	•	•

Agent	EPM	CR	UPE	FKM
Aniline	•		•	•
Aqua Regia				•
Aromatic Hydrocarbons			•	•
Arsenic Acid	•	•	•	•
Asphalt	•		•	•
Astm #1 Oil			•	•
Astm #2 Oil			•	•
Astm #3 Oil			•	•
Barium Chloride	•	•	•	•
Barium Hydroxide	•		•	
Benzene (Benzol)			•	•
Benzoic Acid			•	•
Benzyl Chloride			•	•
Bromobenzene			•	•
Butane		•	•	•
Butanol (Butyl Alcohol)	•		•	•
Butyl Acetate			•	
Butyl Acrylate Stab.			•	
Butyl Cellosolve	•		•	
Butyl Stearate			•	•
Butyraldehyde	•		•	
Butyric Acid			•	
Calcium Acetate	•		•	
Calcium Chlorate	•	•	•	•
Calcium Chloride	•	•	•	•
Calcium Hydroxide	•	•	•	•

Agent	EPM	CR	UPE	FKM
Calcium Hypochlorite	•		•	•
Carbon Disulphide			•	•
Carbon Tetrachloride			•	•
Carbon Tetrafluoride			•	•
Carbonic Acid	•	•	•	•
Cellosolve	•		•	
Cellulose Acetate			•	
Chlorine Gas (Dry)			•	•
Chlorine Water Solution (max 3%)+G108			•	
Chloroacetic Acid	•		•	
Chloroacetone	•		•	
Chlorobenzene			•	•
Chloroform			•	•
Chlorophenol			•	•
Chlorosulfonic Acid			•	
Chlorotoluene			•	•
Chromic Acid			•	•
Citric Acid	•		•	
Copper Chloride	•	•	•	•
Copper Nitrate	•	•	•	•
Copper Sulphate	•	•	•	•
Creosols			•	•
Creosote			•	•
Cresylic Acid			•	•
Cumene			•	•

General Information Chemical Resistance Table

A

Agent	EPM	CR	UPE	FKM
Cyclohexane			•	•
Cyclohexanol		•	•	•
Cyclohexanone	•		•	•
DDT In Kerosene			•	•
Detergent Solutions			•	•
Diacetone Alcohol	•		•	•
Dibutyl Sebacate	•		•	•
Dibutylphthalate	•		•	•
Dichloro fluoromethane		•	•	•
Dichloroethane			•	•
Dichloroethylene			•	•
Dichlorofluoromethane			•	•
Diesel Oil			•	•
Diethylamine			•	•
Diisobutylketone	•		•	•
Dimethyl Phthalate	•		•	•
Dimethylformamide	•		•	•
Diocetyl Phthalate (DOP)	•		•	•
Dioxane			•	•
Epichlorohydrin	•		•	•
Ethanol (Ethyl Alcohol)	•	•	•	•
Ethers			•	•
Ethyl Acetate	•		•	•
Ethyl Acrylate Stab.	•		•	•
Ethyl Cellulose	•		•	•
Ethyl Chloride	•		•	•
Ethylamine	•		•	•
Ethylene			•	•
Ethylene Bromide			•	•
Ethylene Chloride			•	•
Ethylene Dibromide			•	•
Ethylene Glycol	•	•	•	•
Ethylene Oxide	•		•	•
Ethylenediamine	•	•	•	•
Ferric Chloride	•	•	•	•
Ferric Nitrate	•	•	•	•
Ferric Sulphate	•	•	•	•
Fluoroboric Acid	•		•	•
Fluosilic Acid			•	•
Formaldehyde (Formalin)	•		•	•
Formic Acid	•		•	•
Fuel Oil			•	•
Fuel, ASTM A			•	•
Fuel, ASTM B			•	•
Fuel, ASTM C			•	•
Furfural	•		•	•
Furfurilic Alcohol			•	•
Gasoline			•	•
Glycerine (Glycerol)	•	•	•	•
Grease			•	•
Heptane		•	•	•
Hexane			•	•
Hexanol (Hexyl Alcohol)	•	•	•	•
Hydraulic Fluid (Petroleum)			•	•
Hydraulic Fluid (Phosphate Ester Base)	•		•	•
Hydraulic Fluid (Poly Alkylene Glicol Base)	•		•	•
Hydrochloric Acid 37%	•		•	•
Hydrocyanic Acid	•		•	•
Hydrofluoric Acid	•		•	•
Hydrogen Gas	•	•	•	•
Hydrogen Peroxide 10%			•	•
Hydrogen Peroxide 30%			•	•
Iodine			•	•
Isobutane			•	•
Isobutanol (Isobutyl Alcohol)	•	•	•	•
Isobutyl Acetate	•		•	•

Agent	EPM	CR	UPE	FKM
Isobutylene			•	•
Isoctane			•	•
Isopropanol	•	•	•	•
Isopropyl Acetate	•		•	•
Isopropyl Ether			•	•
Jet Fuels (JPI-JP6)			•	•
Kerosene			•	•
Ketones	•		•	•
Lead Acetate	•		•	•
Liquid Petroleum Gas			•	•
Liquid Soap	•	•	•	•
Lubricating Oils			•	•
Magnesium Carbonate	•	•	•	•
Magnesium Chloride	•	•	•	•
Magnesium Hydroxide	•	•	•	•
Maleic Acid	•		•	•
Maleic Anhydride			•	•
Mercury			•	•
Methane		•	•	•
Methyl Acetate	•		•	•
Methyl Acrylate	•		•	•
Methyl Acrylate Stab.	•		•	•
Methyl Alcohol (Methanol)	•	•	•	•
Methyl Ethyl Ketone (MEK)	•		•	•
Methyl Isobutyl Ketone (MIBK)	•		•	•
Methyl Metacrylate			•	•
Mineral Oil			•	•
Monochlorodifluoromethane	•	•	•	•
Monovinyl Acetate			•	•
Muriatic Acid	•		•	•
Naphtha			•	•
Naphthalene			•	•
n-Butylamine			•	•
Nickel Chloride	•	•	•	•
Nickel Nitrate	•	•	•	•
Nitric Acid 10%	•		•	•
Nitric Acid 20%	•		•	•
Nitric Acid 30%	•		•	•
Nitrobenzene			•	•
Nitrogen	•	•	•	•
Nitromethane	•		•	•
Nitropropane			•	•
Octane			•	•
Oleic Acid			•	•
Oxygen Cold	•		•	•
Ozone	•		•	•
Palm Oil			•	•
Paraffin		•	•	•
Paraformaldehyde	•		•	•
Pentane			•	•
Perchloroethylene			•	•
Petroleum, Crude			•	•
Phenol	•		•	•
Phosphoric Acid 10%	•	•	•	•
Phosphoric Acid 10-85%	•		•	•
Phtalic Anhydride	•	•	•	•
Picric Acid, Molten	•		•	•
Pine Oil			•	•
Polyethylene Glycol	•	•	•	•
Polyvinyl Acetate Emulsion (PVA)	•		•	•
Potassium Bicarbonate	•	•	•	•
Potassium Carbonate	•	•	•	•
Potassium Chloride	•	•	•	•
Potassium Dichromate	•		•	•
Potassium Hydroxide	•		•	•

Agent	EPM	CR	UPE	FKM
Potassium Permanganate	•		•	•
Potassium Sulphate	•	•	•	•
Propane gas		•	•	•
Propyl Acetate	•		•	•
Propyl Alcohol (Propanol)	•	•	•	•
Propylene Dichloride			•	•
Pyridine			•	•
Pyroligneous Acid			•	•
Resin Oil		•	•	•
Salt Water (Sea Water)	•	•	•	•
Sewage	•	•	•	•
Silicone Greases	•	•	•	•
Silicone Oils	•	•	•	•
Silver Nitrate	•	•	•	•
Skydrol Hydraulic Fluids	•		•	•
Soap Solutions	•	•	•	•
Soda, Caustic (Sodium Hydroxide)	•		•	•
Sodium Bicarbonate	•	•	•	•
Sodium Bisulphate	•	•	•	•
Sodium Carbonate	•	•	•	•
Sodium Chlorate	•	•	•	•
Sodium Chloride	•	•	•	•
Sodium Fluoride	•	•	•	•
Sodium Hydroxyde	•	•	•	•
Sodium Hypochlorite	•		•	•
Sodium Nitrate	•	•	•	•
Sodium Peroxide	•		•	•
Sodium Sulphide	•	•	•	•
Sodium Thiosulphate	•	•	•	•
Stannous Chloride	•	•	•	•
Stearic Acid	•		•	•
Styrene			•	•
Sulphur (Molten)	•	•	•	•
Sulphur Trioxide			•	•
Sulphuric Acid, 25%	•		•	•
Sulphuric Acid, 25-50%	•		•	•
Sulphuric Acid, 98%			•	•
Sulphuric Acid, Fuming			•	•
Sulphuric Acid, 50-75%	•		•	•
Sulphurous Acid	•		•	•
Tar			•	•
Tartaric Acid	•		•	•
Tetrachloroethane			•	•
Tetrachloroethylene			•	•
Tetraethylene Glycol	•	•	•	•
Tetrahydrofuran (THF)			•	•
Toluene (Toluol)			•	•
Toluene Diisocyanate (TDI)	•		•	•
Trichlorobenzene			•	•
Trichloroethane			•	•
Trichloroethylene			•	•
Tricresyl Phosphate (TCP)	•		•	•
Triethylamine	•		•	•
Triethylene Glycol	•	•	•	•
Trinitrotoluene (TNT)			•	•
Tung Oil			•	•
Turbine Oil			•	•
Turpentine Oil			•	•
Urea			•	•
Varnish			•	•
Vegetable Oils			•	•
Vinegar	•	•	•	•
Vinyl Chloride (Monomer)			•	•
Water, Fresh	•	•	•	•
Xylene			•	•
Zinc Chloride	•	•	•	•
Zinc Sulphate	•	•	•	•

Safety Warnings

As rubber hoses are used for completely different purposes, they are made according to their final applications. The service life of a hose is influenced by a number of factors (environment, abrasion, fluid...). Consequently the end user must carry out periodic preventive maintenance, above all when the conditions of use foresee high pressure service and/or conveyance of aggressive substances, and/or demanding environment. In any case, when there are signs showing possible reduction of performance, it is necessary to either substitute the product or, at least, verify it carefully. The following recommendations are the minimum that the user must adhere to and should be considered as advice to the market from the **Italian rubber hose manufacturing members of Assogomma**.

1. Recommendations for correct storage

Rubber is subject, by nature, to changes in physical properties. These changes, which normally occur over the course of time, according to the kind of rubber used, can be accelerated by one particular factor or by a combination of these.

Reinforcement materials are also adversely affected by unsuitable conditions of storage. The following recommendations give some precautions to be taken to ensure the minimum deterioration to stored articles.

1.1. Storage life

Storage time should be reduced to the minimum through programmed rotation.

When it is impossible to avoid long term storage and when the recommendations in the points below have not been respected it is necessary to check the hose carefully prior to use.

1.2. Temperature and humidity

The best temperature for the storage of rubber hoses varies from 10 to 25 degrees centigrade. Hoses should not be stored at temperatures above 40 °C or below 0 °C. When the temperature is below -15°C it is necessary to take precautions when handling. Hoses should not be stored near sources of heat nor in conditions of high or low humidity. A humidity level of a maximum of 65% is recommended.

1.3. Light

Hoses must be stored in dark places, avoiding direct sun light or strong artificial light. Should store rooms have windows or glass openings, these must be screened.

1.4. Oxygen and ozone

Hoses should be protected from circulating air by suitable packing or by storage in air-tight containers. As ozone has a particularly aggressive action on all rubber products, the warehouse must not contain materials producing ozone like devices under high electrical tension, electric motors or other materials provoking sparks or electric arcs.

1.5. Contact with other materials

Hoses should not come into contact with solvents, fuels, oils, grease, volatile chemical mixtures, acids, disinfectants and other organic liquids in general.

Furthermore direct contact with some metals (for example manganese, iron, copper and its alloys) and relative mixtures exercise harmful effects on some types of rubber.

Contact with PVC and creosote impregnated timber or fabrics should be avoided.

1.6. Heat sources

The temperature limits given in point 1.2. must be respected. When this is impossible, it is necessary to use a thermic shield.

1.7. Electric or magnetic field

Variation in electric or magnetic fields must be eliminated in warehouses as these could provoke currents in metal coupling, heating them. Similar fields could be caused by high-tension cables or high frequency generators.

1.8. Storage conditions

Hoses must be stored in a relaxed condition free from tension, compression or other deformation and contact with objects that could pierce or cut must be avoided. It is preferable to store hoses on special shelves or on dry surfaces.

Coiled hoses must be stored horizontally avoiding piling. When this is not possible the height of the piles must be such as to avoid permanent deformation of hoses stored underneath.

The inside diameter of the coil must never be lower than twice the minimum bend radius stated by the manufacturer according to technical standards.

It is advisable to avoid storing coiled hoses on poles or hooks. Furthermore it is advisable to store hoses to be delivered straight, horizontally, without bending.

1.9. Rodents and insects

Hoses must be protected from rodents and insects. When such a risk is probable adequate precautions must be taken.

1.10. Marking of packaged items

It is advisable that hoses are always easy to identify even if packaged.

1.11. Exit from storage

Prior to delivery hoses must be checked for integrity and must correspond to the required use. After long storage if couplings are not clipped, swaged or built-in, it is necessary to check that locking collars are tight.

1.12. Return to storage

Hoses that have been used must be freed from all substances prior to storage. Particular attention must be paid when chemical, explosive inflammable, abrasive and corrosive substances have been conveyed. After cleaning, check whether the hose is suitable to use again.

2. Norms and method of use

After having chosen the type of hose, users must keep in mind the following hose installation criteria.

2.1. Preassembly checks

Prior to installation it is necessary to check the characteristics of the hose carefully to verify that type, diameter and length conform with the required specifications. Moreover a visual check must be effected to make sure that there are no obstructions, cuts, damaged cover or any other evident imperfections.



2.2. Handling

Hoses must be moved with care avoiding knocks, dragging over abrasive surfaces and compression. Hoses must not be pulled violently when twisted or knotted. Heavy hoses, normally delivered in a as straights, must be laid on special supports for transport. Should wood support be used these must not be treated with creosote or painted with substances which could damage the rubber.

2.3. Pressure and seal test

The working pressure generally indicated on hoses must be respected. Following installation, when air bubbles have been eliminated, increase the pressure gradually - the working pressure to test the assembly and check possible leaks. This test must be carried out in a place free from danger.

2.4. Temperature

Hoses must always be used within the temperature limits generally indicated. In case of doubt apply to manufacturer.

2.5. Conveyed products

Hoses must be used exclusively to convey substances for which they were manufactured. In case of doubt it is always advisable to contact manufacturer. The hoses are designed to transport the fluids listed in the specifications; the hoses are not designed to be submerged in these fluids. For such applications it is advisable to seek further advice by contacting our sales organisation. As far as possible, hoses must not remain under strain when not in use. Where any risks are involved special precautions must be taken to avoid bursts.

2.6. Environment

Hoses must be used exclusively in the environment conditions for which they were manufactured.

2.7. Bending radius

Installation underneath the minimum bending radius reduces the life of the hose considerably. Moreover it is necessary to avoid bending at fitting ends.

2.8. Torsion

Hoses are not manufactured to work in torsion, except for specific purposes.

2.9. Tension

Tension must be within limits specified by manufacturer.

2.10. Vibration

Vibrations subject hoses to stress from heat and fatigue above all near couplings and premature bursting may occur. It is therefore advisable to check that hoses have been manufactured to resist such stress.

2.11. Kinking

Some users tend to obstruct the flow of liquids by kinking the hose. This system is not advised by manufacturers because the reinforcement is subjected to excessive stress and could lead to bursting.

2.12. Choice and application of couplings

Provided that the manufacturers instructions are met it is always necessary to check the compatibility between the working pressure of couplings and hoses. Couplings with too large diameters cause abnormal stress which can split the hose

reinforcement, whilst too small dimensions can create clamping difficulties and leakage.

Furthermore couplings must be free from sharp and cutting edges which could damage the hose. Water or soap and water can be used to fit couplings. Do not use products containing oils or solvents except for the kind of hoses destined to be used with the latter .

Softening hoses with a mallet or similar tools is forbidden.

Take care to avoid external collars or other tightening tools. The use of makeshift collars (for example wire) with sharp edges or too tight clamping leads to damage of cover and reinforcement.

2.13. Evacuation of static electricity

When electrical continuity is requested, manufacturers instructions must be met, test must be carried out to check the continuity between the coupling and the assembly. Check the continuity with a simple appliance (for example "Quick Test") otherwise it is necessary to use a tester.

2.14. Permanent installation

The hoses must be supported in a suitable way, so as the normal movement when the hose is under pressure (variations in length, diameter, twisting, etc.) are allowed.

2.15. Moving parts

When hoses link moving parts, it is necessary to check that the length of the hose is suitable and that the movement does not subject the hose to shock or chafing and that abnormal stress, bending, tension or torsion do not occur.

2.16. Identification

If further marking is necessary , self-adhesive tape may be used. When the use of paint is unavoidable check compatibility of cover with manufacturer.

3. Maintenance

Even though choice, storage and installation have been carried out correctly regular maintenance is necessary. Frequency of the latter is determined according to use involved. During regular checks special attention must be paid to couplings and to the appearance of the following irregularities which show deterioration of hose:

- cracks, cuts, abrasions, unsticking, tears in cover revealing reinforcement;
- deformity , bubbles, local swelling under pressure;
- sticky or soft areas;
- leaks.

Such irregularities justify hose substitutions. When cover bears date of expiry this must be kept to even if the hose shows no apparent sign of wear.

3.1. Repairs

Hose repairs are not advisable. However when deterioration occurs at an end section, and if the full length allows for such, the worn section may be eliminated.

Cleaning

If cleaning instructions are not supplied by the manufacturer clean, if necessary, with soap and water avoiding use of solvents (petrol, paraffin, etc.) or detergents. Never use abrasive, pointed or cutting tools (wire brushes).

Properties of Basic Rubber Compounds

This table provides some information on the general properties of the most common rubber compounds. Most compounds used in the manufacture of rubber hose are made of different basic rubbers, each contributing to the physical properties of the finished product.

ASTM D 1418	Chemical Name	Properties
CR	Chloroprene	<i>Excellent weathering and ozone resistance, flame retarding, abrasion resistance. Good resistance to compressed air and to oil.</i>
CSM	Chloro-sulfonyl-polyethylene	<i>Excellent resistance to ozone, weathering and acid, particularly of the coloured compounds. Resistant to petroleum based fluids.</i>
EPDM	Terpolymer of ethylene-propylene-diene	<i>Good resistance to heat, ageing and abrasion. Poor resistance to petroleum based fluids.</i>
EPM	Copolymers of ethylene and propylene	<i>Excellent resistance to heat, ageing, abrasion and ozone. Good resistance to many chemicals; poor resistance to aromatics.</i>
FKM	Fluorine rubber	<i>Excellent resistance to a wide range of chemicals and to heat. Poor physical properties.</i>
IIR	Isobutene-isoprene	<i>Good resistance to chemicals, such as alcohols, ketones and esters.</i>
NBR	Acrylonitrile-butadiene	<i>Excellent oil resistance good aromatics and solvents resistance.</i>
NR	Natural rubber	<i>Good physical properties including abrasion and low temperature resistance. Poor resistance to petroleum based fluids.</i>
SBR	Styrene-butadiene	<i>Good physical properties with resistance to heat and abrasion. Poor resistance to petroleum based fluids.</i>
NBR/PVC	Acrylonitrile-butadiene-vynil-chloride	<i>Good resistance to oil and aromatics. Recommended as hose cover, when a good weathering, ozone and abrasion resistance is required.</i>
UHMWPE	Ultra high molecular weight polyethylene	<i>Excellent abrasion resistance and very low coefficient of friction. Excellent resistance to chemicals, oil and aromatic fuels. Biologically inert and suitable for foodstuffs delivery.</i>

Rubber Hose Construction



TUBE

It is the innermost rubber or plastic element of the hose. Must be resistant to the materials it is intended to convey. The characteristics of the rubber or plastic compound and the thickness of the tube depend on the service in which the hose will be used.

REINFORCEMENT

Can be textile, plastic or metal, alone or in combination, built into the body of the hose to withstand internal pressures, external forces or combination of both.

COVER

It is the outer element and can be made of rubber, plastic or textile materials. The function of the cover is to protect the hose from damage and environment.



LONG LENGTH (LL)

Production method:

Seamless extruded hoses with synthetic textile yarn reinforcement for standard production up to 100 m and internal diameter up to I.D. 35 mm.

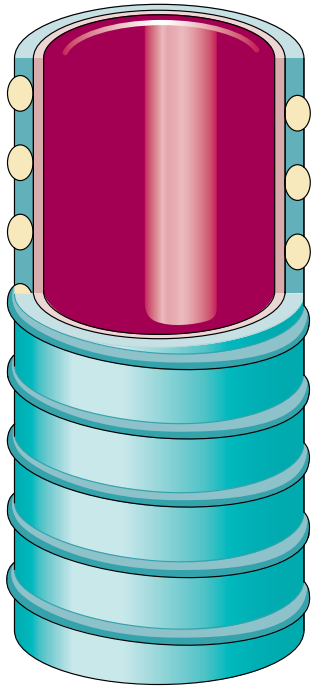


MANDREL MADE (MM)

Production method:

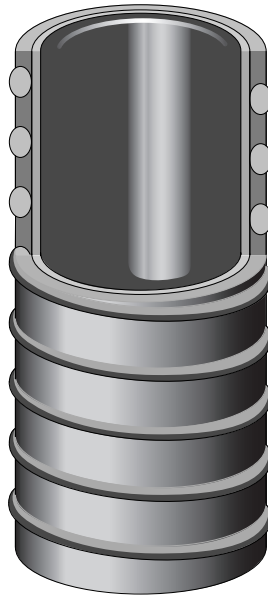
Hose produced on a rigid mandrel with a reinforcement of textile fabrics or steel braids, with or without steel wire helix, for standard production length up to 40 m and internal diameter range from I.D. 19 mm to I.D. 250 mm.

PVC-PU and Metallic Hose Construction



PVC-PU CONSTRUCTION

Flexible hose having a rigid PVC spiral or a steel wire reinforcement spiral embedded in a PVC wall.



METALLIC HOSE CONSTRUCTION

Annular stainless steel flexible hose, narrow pitch covered with one or two braids in stainless steel.

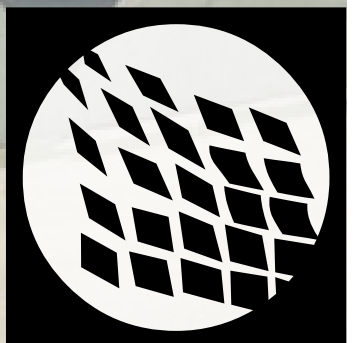




Ducting Hoses



The flexible PVC-PU hose line with seven different hose types is suitable for a wide range of ducting applications such as suction of several kinds of air, dust, fumes or granules. Some hoses are also suitable for centralized suction equipment.





▶ **General Purpose**



ASPIREX

Suitable for suction of air, dust, fumes, sawdust and wood-shavings. Also suitable for centralised suction equipment.



FLEXIREX

Suitable for air conditioning units and centralised suction equipment for air, dust, fumes and saw-dust.



SUPERFLEXIREX

Suitable for air conditioning units and centralised suction equipment for air, dust, fumes and saw-dust.

▶ **Abrasive**



ASPIREX PU
ASPIREX PU/ANC

Suitable for suction of warm air, abrasion dust, warm fumes, saw-dust, wood-shavings, cement, cereal grains, sugar and other granules.



ASPIREX PU/R

Suitable for suction of dust, saw-dust, textile fibres, grains.

High

▶ **Temperature**



ASPIREX 140 °C

Suitable for suction of air, dust, fumes, exhaust gas with traces of oil, up to 125 °C., with peaks up to 140 °C.

B – Ducting Hose

General Purpose

ASPIREX	▶	B4
FLEXIREX	▶	B5
SUPERFLEXIREX	▶	B6

Abrasive

ASPIREX PU	▶	B7
ASPIREX PU/ANC	▶	B8
ASPIREX PU/R	▶	B9

High Temperature

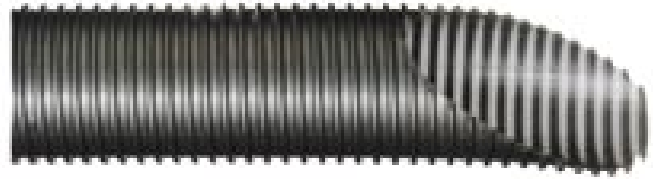
ASPIREX 140°C	▶	B10
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ASPIREX

Hose Construction

Flexible hose having a grey, rigid PVC spiral embedded in a metalized grey, flexible PVC wall. Externally corrugated, smooth inner surface. Self-extinguishing according to UL 94 Class V2.



Applications

Suitable for suction of air, dust, fumes, saw-dust and wood-shavings. Also suitable for centralized suction equipment in wood, textile, china and welding equipment. It is also suitable for use on agricultural machinery.

Temperature Range

-15 °C (+5 °F) to +60 °C (+140 °F)

Suction






≤ I.D. 50 mm: 0,75 bar (550 mm Hg)
 I.D. 51 mm - I.D. 102 mm: 0,40 bar (300 mm Hg)
 > I.D. 102mm: light suction

Tolerances

On inside diameter: ± 4%
On wall thickness: ± 0,50 mm
Length tolerance: ± 1%
 All other technical data are subject to a ± 5% tolerance.

Bursting Pressure

Suitable only for suction

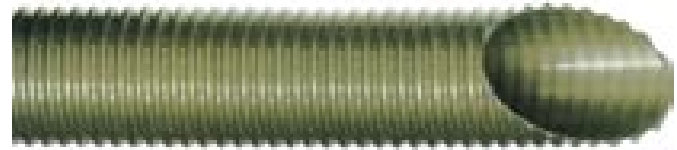
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 Wall Thickness mm	 Working Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar		
IH35562019/50	19	2,1	-	-	-	0,13	19
IH35560020/50	20	2,6	-	-	-	0,14	20
IH35560025/50	25	2,9	-	-	-	0,18	25
IH35560030/50	30	3,1	-	-	-	0,25	30
IH35562032/50	32	3,3	-	-	-	0,27	32
IH35560035/50	35	3,6	-	-	-	0,30	35
IH35562038/50	38	3,6	-	-	-	0,34	38
IH35560040/50	40	3,9	-	-	-	0,36	40
IH35560045/50	45	4,2	-	-	-	0,42	45
IH35560050/50	50	4,2	-	-	-	0,52	50
IH35562051/50	51	4,2	-	-	-	0,52	51
IH35560060/50	60	4,4	-	-	-	0,64	60
IH35561063/50	63,5	4,6	-	-	-	0,68	63,5
IH35560070/50	70	4,8	-	-	-	0,76	70
IH35562075/50	75	5,0	-	-	-	0,85	75
IH35562076/50	76	5,0	-	-	-	0,85	76
IH35560080/50	80	5,0	-	-	-	0,97	80
IH35560090/30	90	5,3	-	-	-	1,12	90
IH35560100/30	100	5,3	-	-	-	1,27	100
IH35562102/30	102	5,3	-	-	-	1,27	102
IH35561110/30	110	5,3	-	-	-	1,44	110
IH35560120/30	120	5,6	-	-	-	1,58	120
IH35562125/30	125	5,6	-	-	-	1,70	125
IH35560130/30	130	5,7	-	-	-	1,77	130
IH35560140/30	140	5,8	-	-	-	2,04	140
IH35560150/30	150	5,9	-	-	-	2,15	150
IH35562160/30	160	6,1	-	-	-	2,28	160
IH35560180/30	180	6,5	-	-	-	2,60	180
IH35560200/15	200	7,0	-	-	-	2,95	200
IH35560250/15	250	8,0	-	-	-	4,00	250
IH35560300/15	300	8,5	-	-	-	5,10	300

ASPIREX I.D. mm - SELF EXTINGUISHER UL 94 V2 - Parker ITR

FLEXIREX

Hose Construction

Flexible hose having an off-white, rigid PVC spiral embedded in an olive green, flexible PVC wall. Externally corrugated, smooth inner surface.



Applications

For suction of air, dust, fumes, saw-dust. It is also suitable for air-dust, air-conditioning units and centralised suction equipment in wood-processing and varnishing factories.

Temperature Range

-15 °C (+5 °F) to +60 °C (+140 °F)

Suction






≤ I.D. 50 mm: 0,75 bar (550 mm Hg)
 I.D. 51 mm - I.D. 100 mm: 0,40 bar (300 mm Hg)
 > I.D. 100 mm: light suction

Tolerances

On inside diameter: ± 4%
On wall thickness: ± 0,50 mm
Length tolerance: ± 1%
 All other technical data are subject to a ± 5% tolerance.

Bursting Pressure

Suitable only for suction

IHXXXXXXXX/XX Part Number / Standard Length m	 I.D. mm	 Wall Thickness mm	 Working Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar		
IH35510019/50	19	2,1	-	-	-	0,12	19
IH35510020/50	20	2,1	-	-	-	0,12	20
IH35510025/50	25	2,5	-	-	-	0,14	25
IH35510030/50	30	2,7	-	-	-	0,20	30
IH35510032/50	32	2,7	-	-	-	0,22	32
IH35510035/50	35	2,7	-	-	-	0,24	35
IH35510038/50	38	2,7	-	-	-	0,27	38
IH35510040/50	40	2,7	-	-	-	0,28	40
IH35510045/50	45	3,1	-	-	-	0,34	45
IH35510050/50	50	3,3	-	-	-	0,40	50
IH35510060/50	60	3,8	-	-	-	0,58	60
IH35510063/50	63,5	3,8	-	-	-	0,60	63,5
IH35510070/50	70	4,0	-	-	-	0,70	70
IH35510075/50	75	4,3	-	-	-	0,80	75
IH35510076/50	76	4,3	-	-	-	0,80	76
IH35510080/50	80	4,3	-	-	-	0,86	80
IH35510090/30	90	4,3	-	-	-	0,90	90
IH35510100/30	100	4,4	-	-	-	1,06	100
IH35510120/30	120	5,2	-	-	-	1,35	120
IH35510125/30	125	5,2	-	-	-	1,40	125
IH35510130/30	130	5,2	-	-	-	1,60	130
IH35510140/30	140	5,2	-	-	-	1,77	140
IH35510150/30	150	5,4	-	-	-	1,90	150
IH35510200/15	200	6,4	-	-	-	2,76	200

FLEXIREX I.D. mm Parker ITR

SUPERFLEXIREX

Hose Construction

Very flexible and light hose. Soft PVC cover with hard PVC shock resistant spiral. Smooth inside wall.
Standard colour: dark grey.
Self-extinguishing according to UL 94 Class V2.



Applications

Suitable for suction of air, dust, fumes, saw-dust.
Also suitable for air-dust, air-conditioning units and centralised suction equipment in wood-processing and varnishing factories.

Temperature Range

-15°C (+5 °F) to +65 °C (+149 °F)

Suction






≤ I.D. 20 mm:	0,60 bar (440 mm Hg)
I.D. 25 mm - I.D. 40 mm:	0,55 bar (405 mm Hg)
I.D. 45 mm - I.D. 90 mm:	0,50 bar (365 mm Hg)
I.D. 102 mm - I.D. 140 mm:	0,45 bar (330 mm Hg)
I.D. 152 mm - I.D. 180 mm:	0,40 bar (300 mm Hg)
I.D. 203 mm:	0,30 bar (220 mm Hg)

Tolerances

On inside / outside diameter: ± 4%

Length tolerance: ± 1%

All other technical data are subject to a ± 5% tolerance.

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar		
IH35514016/30	16	-	0,2	29,0	2	0,10	16
IH35514020/30	20	25	0,2	29,0	2	0,12	20
IH35514025/50	25	30,6	0,2	29,0	2	0,17	25
IH35514030/50	30	35,6	0,2	29,0	2	0,20	30
IH35514032/50	32	38	0,1	14,5	1	0,21	32
IH35514035/50	35	42	0,1	14,5	1	0,24	35
IH35514038/50	38	45,6	0,1	14,5	1	0,27	38
IH35514040/50	40	48	0,1	14,5	1	0,28	40
IH35514045/50	45	52	0,1	14,5	1	0,36	45
IH35514050/50	50	58	0,1	14,5	1	0,45	50
IH35514060/50	60	69	0,1	14,5	1	0,54	60
IH35514063/50	63	72	0,1	14,5	1	0,57	63
IH35514065/50	65	74	0,1	14,5	1	0,59	65
IH35514070/50	70	79	0,1	14,5	1	0,64	70
IH35514076/50	76	86	0,1	14,5	1	0,69	76
IH35514080/50	80	90	0,1	14,5	1	0,78	80
IH35514090/50	90	101	0,1	14,5	1	0,83	90
IH35514100/50	100	114,6	-	-	-	1,00	100
IH35514102/50	102	116,6	-	-	-	1,00	102
IH35514110/30	110	122	-	-	-	1,10	110
IH35514120/30	120	132	-	-	-	1,20	120
IH35514127/30	127	139	-	-	-	1,27	127
IH35514130/30	130	142	-	-	-	1,30	130
IH35514140/30	140	152	-	-	-	1,50	140
IH35514152/30	152	164,4	-	-	-	1,71	152
IH35514160/20	160	173	-	-	-	1,90	160
IH35514180/10	180	194	-	-	-	2,20	180
IH35514203/10	203	217	-	-	-	2,60	203

SUPERFLEXIREX I.D. mm Parker ITR

ASPIREX PU

Hose Construction

PU transparent hose having a grey, rigid PVC spiral, resistant to crush, abrasion and ozone.

Food and beverage – The polyurethane used is in conformity to:

- F.D.A. - CFR 21 parts 175, 105, 177, 1680, 177,2600;
- CEE 82/711, 85/572, 89/109, 90/128, 92/30, 93/8, 95/3, 98/11



Applications

Suitable for suction of warm air, abrasion dust, warm fumes, saw-dust, wood-shavings, cement, cereal grains, sugar and other granules.

Temperature Range

-25 °C (-13 °F) to +85 °C (+185 °F)

Suction






≤ I.D. 32 mm:	0,50 bar (365 mm Hg)
I.D. 35 mm - I.D. 102 mm:	0,40 bar (300 mm Hg)
> I.D. 102 mm:	0,30 bar (220 mm Hg)

Tolerances

On inside /outside diameter and on weight: ± 4%
 Length tolerance: ± 1%
 All other technical data are subject to a ± 5% tolerance.

Bursting Pressure

Suitable only for suction

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar		
IH35574020/20	20	25	-	-	-	0,10	25
IH35574025/20	25	30,4	-	-	-	0,15	30
IH35574030/20	30	36	-	-	-	0,19	36
IH35574032/20	32	38	-	-	-	0,20	38
IH35574035/20	35	41,4	-	-	-	0,22	41
IH35574038/20	38	44,6	-	-	-	0,23	45
IH35574040/20	40	46,6	-	-	-	0,25	47
IH35574045/20	45	51,8	-	-	-	0,28	52
IH35574050/20	50	57	-	-	-	0,31	57
IH35574051/20	51	58	-	-	-	0,32	58
IH35574055/20	55	62,2	-	-	-	0,35	62
IH35574060/20	60	67,4	-	-	-	0,39	67
IH35574063/20	63	70,6	-	-	-	0,43	71
IH35574065/20	65	72,6	-	-	-	0,47	73
IH35574070/20	70	78,4	-	-	-	0,50	78
IH35574075/20	75	83,8	-	-	-	0,55	84
IH35574076/20	76	84,8	-	-	-	0,56	85
IH35574080/20	80	89	-	-	-	0,61	89
IH35574090/20	90	99,4	-	-	-	0,72	99
IH35574100/20	100	110,4	-	-	-	0,82	110
IH35574102/20	102	112,4	-	-	-	0,84	112
IH35574110/20	110	120,4	-	-	-	0,89	120
IH35574120/20	120	131	-	-	-	0,95	131
IH35574127/20	127	138,6	-	-	-	1,02	139
IH35574130/20	130	142	-	-	-	1,10	142
IH35574140/20	140	152,4	-	-	-	1,23	152
IH35574150/20	150	162,8	-	-	-	1,37	163
IH35574152/20	152	164,8	-	-	-	1,38	165
IH35574160/10	160	173	-	-	-	1,55	173
IH35574180/10	180	193,4	-	-	-	1,95	193
IH35574200/10	200	213,6	-	-	-	2,10	214
IH35574203/10	203	217	-	-	-	2,15	217
IH35574250/10	250	-	-	-	-	3,00	265
IH35574300/10	300	-	-	-	-	3,60	315

ASPIREX PU I.D. mm Parker ITR

ASPIREX PU/ANC

Hose Construction

PU transparent and antistatic hose having a grey, rigid PVC spiral, resistant to crush, abrasion and ozone, with antistatic 9 wires copper cord.

Food and beverage – The polyurethane used is in conformity to:

- F.D.A. – CFR 21 parts 175, 105, 177, 1680, 177,2600;
- CEE 82/711, 85/572, 89/109, 90/128, 92/30, 93/8, 95/3, 98/11

Applications

Suitable for suction of warm air, abrasion dust, warm fumes, saw-dust, wood-shavings, cement, cereal grains, sugar, and other granules.

Temperature Range

-25 °C (-13 °F) to +85 °C (+185 °F)



Suction

≤ I.D. 32 mm:	0,50 bar (365 mm Hg)
I.D. 35 mm - I.D. 102 mm:	0,40 bar (300 mm Hg)
> I.D. 102 mm:	0,30 bar (220 mm Hg)

Tolerances

On inside /outside diameter and on weight:

± 4%






Length tolerance:

± 1%

All other technical data are subject to a ± 5% tolerance.

Bursting Pressure

Suitable only for suction

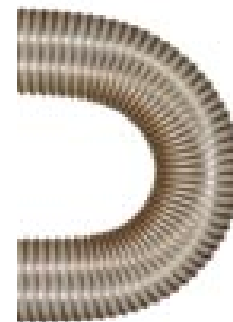
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar		
IH35576020/20	20	25	-	-	-	0,10	25
IH35576025/20	25	30,4	-	-	-	0,15	30
IH35576030/20	30	36	-	-	-	0,19	36
IH35576032/20	32	38	-	-	-	0,20	38
IH35576035/20	35	41,4	-	-	-	0,22	41
IH35576038/20	38	44,6	-	-	-	0,23	45
IH35576040/20	40	46,6	-	-	-	0,25	47
IH35576045/20	45	51,8	-	-	-	0,28	52
IH35576050/20	50	57	-	-	-	0,31	57
IH35576051/20	51	58	-	-	-	0,32	58
IH35576055/20	55	62,2	-	-	-	0,35	62
IH35576060/20	60	67,4	-	-	-	0,39	67
IH35576063/20	63	70,6	-	-	-	0,43	71
IH35576070/20	70	78,4	-	-	-	0,50	78
IH35576075/20	75	83,8	-	-	-	0,55	84
IH35576076/20	76	84,8	-	-	-	0,56	85
IH35576080/20	80	89	-	-	-	0,61	89
IH35576090/20	90	99,4	-	-	-	0,72	99
IH35576100/20	100	110,4	-	-	-	0,82	110
IH35576102/20	102	112,4	-	-	-	0,84	112
IH35576110/20	110	120,4	-	-	-	0,89	120
IH35576120/20	120	131	-	-	-	0,95	131
IH35576127/20	127	138,6	-	-	-	1,02	139
IH35576130/20	130	142	-	-	-	1,10	142
IH35576140/20	140	152,4	-	-	-	1,23	152
IH35576150/20	150	162,8	-	-	-	1,37	163
IH35576152/20	152	164,8	-	-	-	1,38	165
IH35576160/10	160	173	-	-	-	1,55	173
IH35576180/10	180	193,4	-	-	-	1,95	193
IH35576200/10	200	213,6	-	-	-	2,10	214
IH35576203/10	203	217	-	-	-	2,15	217
IH35576250/10	250	-	-	-	-	3,00	265
IH35576300/10	300	-	-	-	-	3,60	315

ASPIREX PU/ANC I.D. mm Parker ITR

ASPIREX PU/R

Hose Construction

Very light and flexible hose with a transparent 0,7 mm PU layer reinforced with a coppered steel spiral. Smooth, lightly waved inside wall causing less pressure loss. The outer of the spiral is covered with a layer of hard PVC for reducing the external friction coefficient. Food and beverage – The polyurethane used is in conformity to:
 - F.D.A. - CFR 21 parts 175, 105, 177, 1680, 177,2600;
 - CEE 82/711, 85/572, 89/109, 90/128, 92/30, 93/8, 95/3, 98/11



Applications

Suction and air hose for: ventilation, smoke, dust, textile fibre, grains, pellets.
 Good resistance against abrasion, oils and grease as well as atmospheric conditions.

Temperature Range

-40 °C (-40 °F) to +90 °C (+194 °F)

Suction






≤ I.D. 63 mm: 0,30 bar (220 mm Hg)
 I.D. 70 mm - I.D. 127 mm: 0,25 bar (185 mm Hg)
 > I.D. 127 mm: light suction

Tolerances

On inside / outside diameter and on weight: ± 4%
Length tolerance: ± 1%
 All other technical data are subject to a ± 5% tolerance.

Bursting Pressure

Suitable only for suction

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar		
IH35575025/20	25	-	-	-	-	0,18	30
IH35575030/20	30	-	-	-	-	0,20	36
IH35575032/20	32	-	-	-	-	0,22	38
IH35575038/20	38	-	-	-	-	0,25	45
IH35575040/20	40	-	-	-	-	0,27	47
IH35575045/20	45	-	-	-	-	0,30	52
IH35575050/20	50	-	-	-	-	0,35	57
IH35575051/20	51	-	-	-	-	0,35	58
IH35575060/20	60	-	-	-	-	0,45	67
IH35575063/20	63	-	-	-	-	0,46	71
IH35575070/20	70	-	-	-	-	0,49	78
IH35575075/20	75	-	-	-	-	0,53	84
IH35575076/20	76	-	-	-	-	0,53	85
IH35575080/20	80	-	-	-	-	0,55	89
IH35575090/20	90	-	-	-	-	0,61	99
IH35575100/20	100	-	-	-	-	0,70	110
IH35575110/20	110	-	-	-	-	0,80	120
IH35575120/20	120	-	-	-	-	1,00	131
IH35575127/20	127	-	-	-	-	1,10	139
IH35575130/20	130	-	-	-	-	1,15	142
IH35575140/20	140	-	-	-	-	1,15	152
IH35575150/20	150	-	-	-	-	1,20	165
IH35575152/20	152	-	-	-	-	1,20	165
IH35575160/10	160	-	-	-	-	1,30	173
IH35575180/10	180	-	-	-	-	1,35	193
IH35575200/10	200	-	-	-	-	1,50	217
IH35575203/10	203	-	-	-	-	1,50	217
IH35575250/10	250	-	-	-	-	2,20	265
IH35575300/10	300	-	-	-	-	2,60	315

ASPIREX PU/R I.D. mm Parker ITR

ASPIREX 140 °C

Hose Construction

Black hose in Santoprene with an integrated steel spiral.

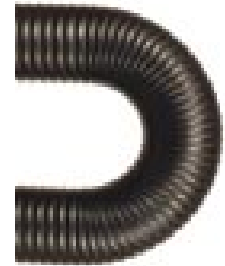
Applications

Suction hose for: air, smoke, vapours, exhaust gas, dust, chips, grains, pellets. Good resistance to acids and lyes, resistant also to polychloroprene (CR), against hydrocarbons, oils. Very good resistance also to abrasion, atmospheric and ageing conditions. Oil resistant as per ASTM D 2000.

Recommendation: the hose has to be used in static conditions and not in dynamic conditions.

Temperature Range

-40 °C (-40 °F) to +140 °C (+284 °F),
For short duration up to +150 °C (+302 °F)



Suction

≤ I.D. 50 mm:	0,30 bar (220 mm Hg)
I.D. 60 mm - I.D. 120 mm:	0,25 bar (185 mm Hg)
> I.D. 120 mm:	light suction

Tolerances






On inside / outside diameter: ± 4%

Length tolerance: ± 1%

All other technical data are subject to a ± 5% tolerance.

Bursting Pressure

Suitable only for suction

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar		
IH35579040/30	40	-	-	-	-	0,20	44
IH35579045/30	45	-	-	-	-	0,25	45
IH35579050/30	50	-	-	-	-	0,33	55
IH35579060/30	60	-	-	-	-	0,43	66
IH35579065/30	65	-	-	-	-	0,48	71
IH35579070/30	70	-	-	-	-	0,52	76
IH35579075/30	75	-	-	-	-	0,53	82
IH35579080/30	80	-	-	-	-	0,54	87
IH35579090/30	90	-	-	-	-	0,58	97
IH35579100/30	100	-	-	-	-	0,78	107
IH35579110/30	110	-	-	-	-	0,86	117
IH35579120/30	120	-	-	-	-	0,93	127
IH35579127/30	127	-	-	-	-	0,95	134
IH35579130/30	130	-	-	-	-	0,98	137
IH35579140/30	140	-	-	-	-	1,00	147
IH35579152/30	152	-	-	-	-	1,05	159
IH35579160/20	160	-	-	-	-	1,15	167
IH35579180/20	180	-	-	-	-	1,23	187
IH35579200/10	200	-	-	-	-	1,30	207
IH35579250/10	250	-	-	-	-	2,33	258
IH35579300/10	300	-	-	-	-	2,55	308

ASPIREX 140 °C I.D. mm Parker ITR



Fire Extinguisher Hoses



This hose line is suitable for fire extinguisher tank-to-nozzle connector and for hose reels for stationary installations, showing good resistance to low and high temperatures.



▶ **General Purpose**



FIREPRESS N/L - NR/L 20

Suitable for fire extinguisher tank-to-nozzle connectors, good resistance to low and high temperature.

▶ **According to Norms**



**FIREPRESS EN 694 N/L,
FIREPRESS BS 3169 A1 NR/L,
FIREPRESS DIN 14818 N/L**

Suitable for fire-fighting purposes and for hose reels for stationary installations.



FIREPRESS 40 EN 3

Designed for uses such as tank-to-nozzle connectors with all type of portable fire extinguisher.



FIRECORD 40 BS 3169 A2

Suitable for fire-fighting purposes and for fire-fighting vehicles and for hose reels for stationary installations.



C – Fire Extinguisher Hose

General Purpose

FIREPRESS N/L - NR/L 20 ▶ C4

According to Norms

FIREPRESS EN 694 N/L ▶ C5

FIREPRESS BS 3169 A1 NR/L ▶ C6

FIREPRESS DIN 14818 N/L ▶ C7

FIREPRESS 40 EN 3 ▶ C8

FIRECORD 40 BS 3169 A2 ▶ C9

A



B



C



D



E



F



G



H



I



J



K



L



M



N



O



P



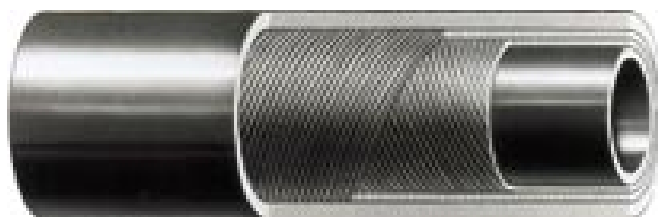
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**FIREPRESS N/L – NR/L 20****Hose Construction**

Tube: Black, smooth, antistatic EPDM rubber compound
Reinforcement: Synthetic textile yarns
Cover: Black or red, smooth, EPDM rubber compound, resistant to ageing, heat, weather and particularly to ozone

Electrical

Resistance: $R < 10^8 \Omega/m$ (black version only N/L)

**Tolerances**

According to UNI EN ISO 1307/97

On inside diameter:

I.D. 6 - 19 mm: $\pm 0,80$ mm

I.D. 25 mm: $\pm 1,20$ mm

Length tolerance: $\pm 1\%$

Applications

Suitable for fire extinguisher tank-to-nozzle connectors, good resistance to low and high temperature.

Temperature Range

-40 °C (-40 °F) to +80°C (+176 °F),
with peaks to 100 °C (+212 °F)

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
FIREPRESS N/L 20										
IH30360011/40	6	13	2,0	300,0	20	6,0	900,0	60	0,14	40
IH30360012/40	8	15	2,0	300,0	20	6,0	900,0	60	0,17	50
IH30360013/40	9	17	2,0	300,0	20	6,0	900,0	60	0,22	55
IH30360014/40	10	17	2,0	300,0	20	6,0	900,0	60	0,20	60
IH30360015/40	12	18	2,0	300,0	20	6,0	900,0	60	0,19	70
IH30360016/40	12	19	2,0	300,0	20	6,0	900,0	60	0,23	70
IH30360034/40	12,3	18,5	2,0	300,0	20	6,0	900,0	60	0,21	75
IH30360017/40	13	21	2,0	300,0	20	6,0	900,0	60	0,29	80
IH30360018/40	13,2	20,7	2,0	300,0	20	6,0	900,0	60	0,27	80
IH30360025/40	13,2	23,2	2,0	300,0	20	6,0	900,0	60	0,38	80
IH30360019/40	16	25	2,0	300,0	20	6,0	900,0	60	0,40	100
IH30360020/40	19	28	2,0	300,0	20	6,0	900,0	60	0,46	115
IH30360022/40	25	35	2,0	300,0	20	6,0	900,0	60	0,64	150
IH30360021/40	25	37	2,0	300,0	20	6,0	900,0	60	0,79	150
IH30360035/40	25	38	2,0	300,0	20	6,0	900,0	60	0,87	150
FIREPRESS NR/L 20										
IH30360070/40	13	20	2,0	300,0	20	6,0	900,0	60	0,25	80
IH30360073/40	16	25	2,0	300,0	20	6,0	900,0	60	0,40	100
IH30360071/40	19	28	2,0	300,0	20	6,0	900,0	60	0,47	115
IH30360072/40	25	35	2,0	300,0	20	6,0	900,0	60	0,65	150

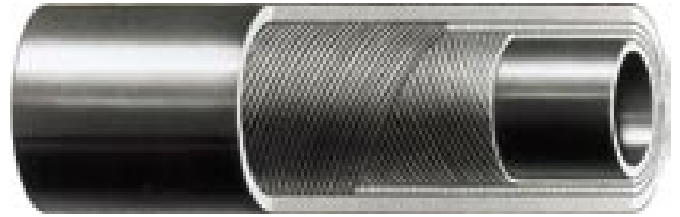
RUBBER HOSE FIREPRESS 20 bar MADE IN ITALY Parker ITR



FIREPRESS EN 694 N/L

Hose Construction

- Tube:** Black, smooth, NR/SBR rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Black, smooth, abrasion, hot surface and weather resistant SBR/EPDM rubber compound



Applications

Low pressure hose suitable for fire-fighting purposes and for hose reels for stationary installations. Designed to minimize the decrease of section of the coiled hose.

Tolerances

According to EN 694

On inside diameter:

I.D. 19 mm: + 1,00 mm /-0,50 mm

I.D. 25 mm: ± 1,00 mm

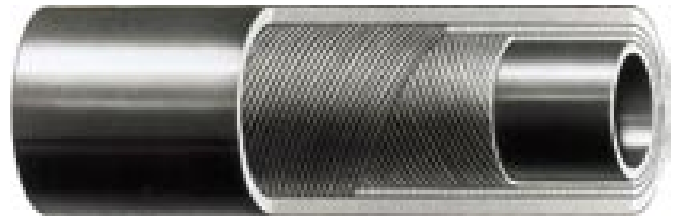
Length tolerance: ± 1%

Temperature Range

-20 °C (-4 °F) to +60 °C (+140 °F)

Part Number / Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30366000/40	19	27	1,2	174,0	12	4,2	609,0	42	0,31	100
IH30366001/40	25	33	1,2	174,0	12	4,2	609,0	42	0,46	100

RUBBER HOSE EN 694 A I.D. MADE IN ITALY Parker ITR (embossed)
Quarter/Year with traceability code

**FIREPRESS BS 3169 A1 NR/L**HOSE ACCORDING TO
BRITISH STANDARD BS 3169 A1**Hose Construction**

- Tube:** Black, smooth, SBR rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Red, smooth, abrasion, hot surface and weather resistant SBR/EPDM rubber compound

Tolerances

- According to BS 3169 A1
- On inside diameter:** $\pm 0,60$ mm
- Length tolerance:** $\pm 1\%$
- Concentricity:** $\leq 2,0$ mm

Applications

Suitable for fire-fighting purposes and for hose reels for stationary installations.
Designed to minimize the decrease of section of the coiled hose.

Temperature Range

-20 °C (-4 °F) to +70 °C (+158 °F)

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30360100/80	19	27,5	1,5	217,5	15	4,8	696,0	48	0,43	75
IH30360101/50	25	34	1,5	217,5	15	4,8	696,0	48	0,59	75

RUBBER HOSE REEL BS 3169 A1 - I.D. mm – 15 bar MADE IN ITALY Parker ITR
Month/Year with traceability code

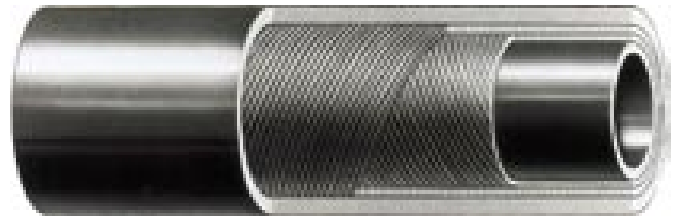


FIREPRESS DIN 14818 N/L

HOSE ACCORDING TO DIN 14818

Hose Construction

- Tube:** Black, smooth, EPDM rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Black, smooth, abrasion, hot surface and weather resistant EPDM rubber compound



Tolerances

According to DIN 14818

- On inside diameter:** ± 0,80 mm
- On wall thickness:** ± 0,80 mm
- Length tolerance:** ± 0,50%

Applications

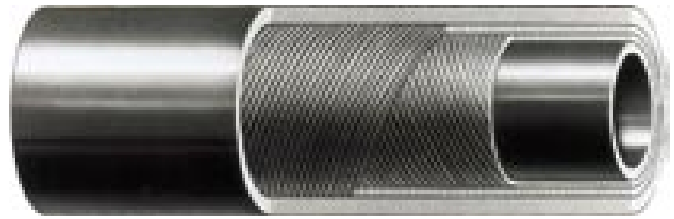
Suitable for fire-fighting purposes and for hose reels for stationary installations. Designed to minimize the decrease of section of the coiled hose.

Temperature Range

-20 °C (-4 °F) to +70 °C (+158 °F)

Part Number / Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30361000/40	25	34	-	-	-	5,0	725,0	50	0,50	100

RUBBER HOSE REEL DIN 14818 WA PRUF. Nr. 7 005 91-1 MADE IN ITALY Parker ITR
Year with traceability code

**FIREPRESS 40 EN 3****HOSE FOR PORTABLE FIRE EXTINGUISHER
ACCORDING TO EN 3-5****Hose Construction**

- Tube:** Black, smooth, antistatic EPDM rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Black, smooth, antistatic EPDM rubber compound, resistant to ageing, heat, weather

Tolerances

According to UNI EN ISO 1307/97

- On inside diameter:** ± 0,80 mm
- On outside diameter:** ± 1,20 mm
- Length tolerance:** ± 1%

Applications

Designed for use such as tank-to-nozzle connectors with all types of portable fire extinguisher (operating with carbonic anhydride or water base fire fighting foams).

Temperature Range

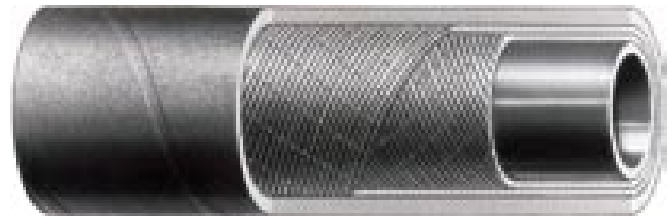
-40 °C (-40 °F) to +100 °C (+212 °F),
with peaks to +120 °C (+248 °F)

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30360051/80	10	19	4,0	580,0	40	12,0	1740,0	120	0,29	60
IH30360050/80	13	22	4,0	580,0	40	12,0	1740,0	120	0,31	80

RUBBER HOSE FIREPRESS EN 3-5 W.P. 40 bar MADE IN ITALY Parker ITR

FIRECORD 40 BS 3169 A2

HOSE ACCORDING TO
BRITISH STANDARD BS 3169 A2



Hose Construction

- Tube:** Black, smooth, NR/SBR rubber compound
- Reinforcement:** Synthetic textile fabrics
- Cover:** Black, smooth, abrasion, hot surface and weather resistant SBR rubber compound

Tolerances





- According to BS 3169
- On inside diameter:** ± 0,75 mm
 - Length tolerance:** ± 1%
 - Concentricity:** ≤ 2,0 mm

Applications

High pressure hose suitable for fire-fighting purposes and for fire-fighting vehicles and for hose reels for stationary installations. Designed to minimize the decrease of section of the coiled hose.

Temperature Range

-20 °C (-4 °F) to +70 °C (+158 °F)

Part Number / Standard Length m	 I.D. mm	 O.D. mm	Working Pressure			Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IHX36203732/40	19	33	4,0	580,0	40	12,5	1812,5	125	0,79	75
IHX36203738/40	25	39	4,0	580,0	40	12,5	1812,5	125	0,97	75

RUBBER HOSE REEL BS 3169 A2 - I.D. mm – 40 bar Month/Year MADE IN ITALY Parker ITR



Air Hoses



Parker offers a complete range of hoses for various applications in industry, agriculture, mining, building, safety equipment, etc.



**Compressed Air****PRESS N/R 10
PRESCORD N/R 20**

Suitable for compressed air in a wide range of industrial applications.

**PRESS N/L-NY/L 20 - N/L 25**

The most common hoses for compressed air and pneumatic systems in industrial applications.

**TURBOPRESS N/L 20**

Designed for compressors and pneumatic systems in the building industry.

**AIR SP318 N/L 15 - NY/L 15
AIR NFT 47252/A
AIR ISO 2398 N-T (Type 1B -2B -3B)**

Suitable for delivery of compressed air for a wide range of industrial applications. This hose, when used for air compressors, is resistant to traces of oil mist.

**MINIERA 10-15-20-25-40**

Suitable for compressed air tools in factories. Designed for quarries, building and mining industries. Tube resistant to traces of oil.

**Compressed Air for
Service Stations****STATIONPRESS N/L 20**

Suitable for delivery of compressed air, water and non-aggressive fluids in service stations and car workshops. EPDM/NBR antistatic cover <math><1M\Omega</math>.

**AIRSTATION NB/L 20**

Suitable for delivery of compressed air, water and non-aggressive fluids in service stations and car workshops. Antistatic NBR tube $R<1M\Omega$.

**Compressed Air for
Concrete Vibrators****VIBRAPRESS N/R 10
VIBRACORD 10**

Designed for concrete vibrator applications.

**Compressed Air
Insulating****ISOLPRESS B/L 20
ISOLPRESS HT N/L 20**

Compressed air with traces of oil mist in pneumatic systems and also non-aggressive fluids in a wide range of industrial applications.

**Hot Compressed Air****AIRTEMP 180**

Suitable for hot air in pneumatic systems

Breathing**DIVER 100 EN 250**

Suitable for air supply in scuba diving systems, according to UNI EN 250 (paragraph 5.7) standard requirements.

**MASKPRESS EN 139**

Designed for air supply in breathing devices for fire-fighting operations, according to UNI EN 139 (points 6.12 -6.13).

D – Air Hose**Compressed Air**

PRESS N/R 10	▶	D4
PRESCORD N/R 20	▶	D5
PRESS N/L-NY/L 20 - N/L 25	▶	D6
TURBOPRESS N/L 20	▶	D7
MINIERA 10	▶	D8
MINIERA 15	▶	D9
MINIERA 20	▶	D10
MINIERA 25	▶	D11
MINIERA 40	▶	D12
AIR SP318 N/L 15 - NY/L 15	▶	D13

Compressed Air according to Norms

AIR ISO 2398 N-T (Type 1B - 2B - 3B)	▶	D14
AIR NFT 47252/A	▶	D15

Compressed Air for Service Stations

STATIONPRESS N/L 20	▶	D16
AIRSTATION NB/L 20	▶	D17

Compressed Air for Concrete Vibrators

VIBRAPRESS N/R 10	▶	D18
VIBRACORD 10	▶	D19

Compressed Air Insulating

ISOLPRESS B/L 20	▶	D20
ISOLPRESS HT N/L 20	▶	D21

Hot Compressed Air

AIRTEMP 180	▶	D22
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Breathing

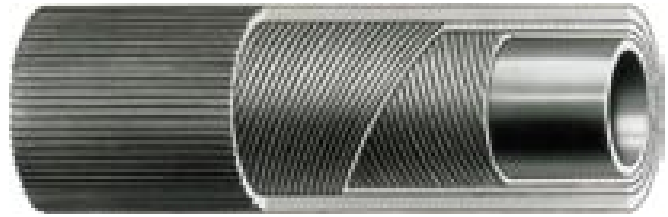
DIVER 100 EN 250 N/L	▶	D23
MASKPRESS EN 139	▶	D24



PRESS® N/R 10

Hose Construction

Tube: Black, smooth SBR rubber compound
Reinforcement: Synthetic textile yarns
Cover: Black (N), ribbed (/R), abrasion, ageing and weather-resistant SBR/EPDM rubber compound



Applications

Suitable for discharge of water, compressed air and non-aggressive liquids in many industrial and agricultural applications.

Temperature Range

-30 °C (-22 °F) to +80 °C (+176 °F)

Tolerances

According to UNI EN ISO 1307/97







On inside diameter:

≤ I.D. 5 mm: ± 0,60 mm

I.D. 13 - 19 mm: ± 0,80 mm

I.D. 25 mm: ± 1,20 mm

Length tolerance: ± 1%

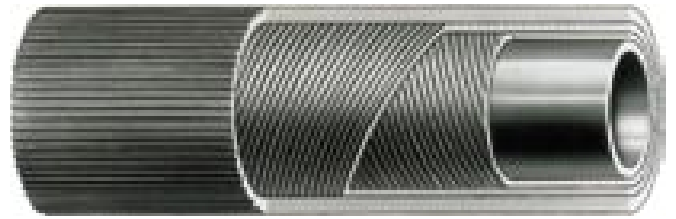
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30301002/100	5	10,5	1,0	150,0	10	3,0	450,0	30	0,10	40
IH30116064/100	13	19	1,0	150,0	10	3,0	450,0	30	0,23	105
IH30111482/50	19	26	1,0	150,0	10	3,0	450,0	30	0,37	150
IH30111481/50	25	33	1,0	150,0	10	3,0	450,0	30	0,54	200

RUBBER AIR HOSE PRESS 10 bar MADE IN ITALY Parker ITR

PRESCORD N/R 20

Hose Construction

- Tube:** Black, smooth SBR rubber compound
Reinforcement: Synthetic textile yarns
Cover: Black (N), ribbed (/R), abrasion, ageing and weather-resistant SBR/ EPDM rubber compound



Applications

Suitable for discharge of water, compressed air and non-aggressive liquids in many industrial and agricultural applications.

Temperature Range

-30 °C (-22 °F) to +80 °C (+176 °F)

Tolerances

According to UNI EN ISO 1307/97







On inside diameter:

I.D. 6 - 19 mm: ± 0,80 mm

I.D. 25 mm: ± 1,20 mm

Length tolerance: ± 1%



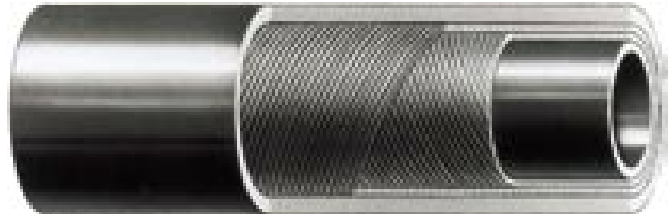
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30112114/100	6	14	2,0	300,0	20	6,0	900,0	60	0,19	40
IH30112105/100	8	17	2,0	300,0	20	6,0	900,0	60	0,27	50
IH30112110/100	10	19	2,0	300,0	20	6,0	900,0	60	0,31	60
IH30112113/100	12	21	2,0	300,0	20	6,0	900,0	60	0,35	70
IH30112109/100	15	25	2,0	300,0	20	6,0	900,0	60	0,47	90
IH30112135/50	19	30	2,0	300,0	20	6,0	900,0	60	0,64	110
IH30112102/50	25	37	2,0	300,0	20	6,0	900,0	60	0,88	150

RUBBER HOSE PRESCORD 20 bar MADE IN ITALY Parker ITR

PRESS® N/L - NY/L 20 - N/L 25

Hose Construction

Tube: Black, smooth SBR rubber compound
Reinforcement: Synthetic textile yarns
Cover: Black (N) or yellow (Y), abrasion, ageing and weather-resistant, smooth (L) SBR/EPDM rubber compound



Applications

Suitable for compressed air with traces of oil and also for some non-aggressive fluids in a wide range of industrial applications.

Temperature Range

-30 °C (-22 °F) to +80 °C (+176 °F)

Tolerances

According to UNI EN ISO 1307/97

On inside diameter:

I.D. 6 - 19 mm: ± 0,80 mm







I.D. 25 mm: ± 1,20 mm

Length tolerance:

± 1%

Note

On request also available with coloured cover.

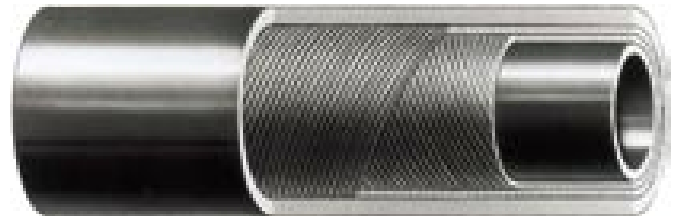
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30302012/100	6	13	2,0	300,0	20	6,0	900,0	60	0,15	50
IH30302001/100	6	14	2,0	300,0	20	6,0	900,0	60	0,19	50
IH30302002/100	7	16	2,0	300,0	20	6,0	900,0	60	0,24	60
IH30302011/100	8	15	2,0	300,0	20	6,0	900,0	60	0,19	65
IH30413431/100	8	16	2,0	300,0	20	6,0	900,0	60	0,23	65
IH30302003/100	8	17	2,0	300,0	20	6,0	900,0	60	0,27	65
IH30302013/100	10	18	2,0	300,0	20	6,0	900,0	60	0,26	80
IH30302008/100	10	19	2,0	300,0	20	6,0	900,0	60	0,31	80
IH30312081/100	12	20	2,0	300,0	20	6,0	900,0	60	0,30	100
IH30312071/100	13	21	2,0	300,0	20	6,0	900,0	60	0,32	105
IH30302009/100	13	23	2,0	300,0	20	6,0	900,0	60	0,43	105
IH30302009/40	13	23	2,0	300,0	20	6,0	900,0	60	0,43	105
IH30302014/100	15	25	2,0	300,0	20	6,0	900,0	60	0,46	120
IH30312072/80	16	25	2,0	300,0	20	6,0	900,0	60	0,43	130
IH30302010/80	16	26	2,0	300,0	20	6,0	900,0	60	0,50	130
IH30312073/40	19	29	2,0	300,0	20	6,0	900,0	60	0,57	150
IH30312073/50	19	29	2,0	300,0	20	6,0	900,0	60	0,57	150
IH30312073/80	19	29	2,0	300,0	20	6,0	900,0	60	0,57	150
IH30302004/40	19	30	2,0	300,0	20	6,0	900,0	60	0,64	150
IH30302004/80	19	30	2,0	300,0	20	6,0	900,0	60	0,64	150
IH30312074/40	25	36	2,0	300,0	20	6,0	900,0	60	0,79	200
IH30302006/50	25	37	2,0	300,0	20	6,0	900,0	60	0,88	200
PRESS NY/L 20										
IH30312070/100	13	23	2,0	300,0	20	6,0	900,0	60	0,44	105
IH30317104/40	15	27	2,0	300,0	20	6,0	900,0	60	0,61	130
IH30312080/50	19	29	2,0	300,0	20	6,0	900,0	60	0,59	150
IH30317100/40	19	30	2,0	300,0	20	6,0	900,0	60	0,66	150
IH30317109/40	25	35	2,0	300,0	20	6,0	900,0	60	0,73	200
IH30317098/40	25	37	2,0	300,0	20	6,0	900,0	60	0,91	200
IH30317103/40	25	39	2,0	300,0	20	6,0	900,0	60	1,08	200
PRESS N/L 25										
IH30303008/100	8	17	2,5	362,5	25	7,5	1087,5	75	0,27	65
IH30303009/100	10	19	2,5	362,5	25	7,5	1087,5	75	0,31	80
IH30303011/80	13	24	2,5	362,5	25	7,5	1087,5	75	0,48	105
IH30303012/80	15	27	2,5	362,5	25	7,5	1087,5	75	0,60	120
IH30303013/50	19	32	2,5	362,5	25	7,5	1087,5	75	0,79	150
IH30303014/40	25	39	2,5	362,5	25	7,5	1087,5	75	1,07	200

RUBBER AIR HOSE PRESS W.P. bar MADE IN ITALY Parker ITR

TURBOPRESS N/L 20

Hose Construction

- Tube:** Black antistatic, resistant to traces of oil mist, smooth EPDM rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Black (N), abrasion and weather-resistant, antistatic, smooth (/L) or ribbed (/R) EPDM rubber compound



Applications

Air delivery hose designed for compressors and pneumatic systems in the building industry. Designed for heavy duty applications, the hose has a strong construction combining toughness with extreme flexibility.

Temperature Range

-40 °C (-40 °F) to +100 °C (+212 °F)

Tolerances

UNI EN ISO 1307/97







On inside diameter:

I.D. 8 - 19 mm: ± 0,80 mm

I.D. 25 mm: ± 1,20 mm

Length tolerance: ± 1%



IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30322999/100	8	16	2,0	300,0	20	6,0	900,0	60	0,17	65
IH30323001/100	10	19	2,0	300,0	20	6,0	900,0	60	0,27	80
IH30323002/100	13	23	2,0	300,0	20	6,0	900,0	60	0,38	105
IH30323003/80	15	25	2,0	300,0	20	6,0	900,0	60	0,43	120
IH30323004/80	19	30	2,0	300,0	20	6,0	900,0	60	0,57	150
IH30323006/50	25	37	2,0	300,0	20	6,0	900,0	60	0,79	200

RUBBER AIR HOSE TURBOPRESS 20 bar MADE IN ITALY Parker ITR

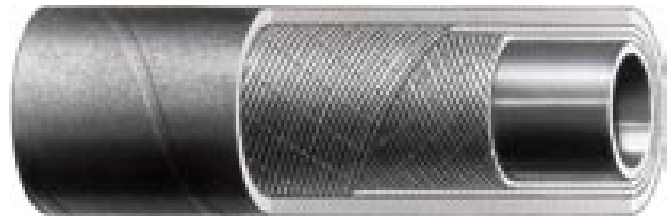
MINIERA 10

Hose Construction

Tube: Black, oil mist resistant, smooth SBR rubber compound

Reinforcement: Synthetic textile fabrics

Cover: Black, abrasion, ageing and weather-resistant SBR rubber compound



Applications

Suitable for compressed air tools (with minimal oil traces) in factories and designed for quarries, building and mining industries.

Temperature Range

-30 °C (-22 °F) to +80 °C (+176 °F)

Tolerances

RMA steel mandrel

On inside diameter:







≤ I.D. 38 mm: ± 0,79 mm
 > I.D. 38 mm: ± 1,59 mm

On outside diameter:

≤ I.D. 19 mm: ± 0,79 mm
 I.D. 25 - 102 mm: ± 1,59 mm

Length tolerance:

± 1%

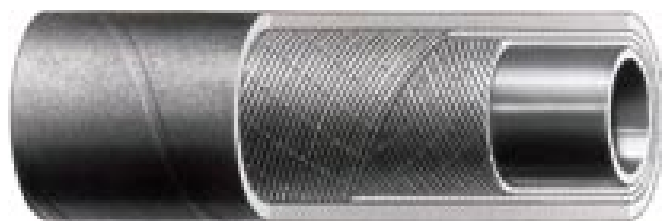
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36342180/40	19	29	1,0	150,0	10	3,0	450,0	30	0,56	190
IH36342181/40	25	35	1,0	150,0	10	3,0	450,0	30	0,70	250
IH36342182/40	30	40	1,0	150,0	10	3,0	450,0	30	0,81	300
IH36342183/40	32	42	1,0	150,0	10	3,0	450,0	30	0,85	320
IH36342184/40	35	45	1,0	150,0	10	3,0	450,0	30	0,92	350
IH36202049/40	38	48	1,0	150,0	10	3,0	450,0	30	0,97	380
IH36342185/40	40	50	1,0	150,0	10	3,0	450,0	30	1,02	400
IH36342186/40	45	55	1,0	150,0	10	3,0	450,0	30	1,14	450
IH36342187/40	50	60	1,0	150,0	10	3,0	450,0	30	1,25	500
IH36342188/40	60	70	1,0	150,0	10	3,0	450,0	30	1,47	600
IH36342193/40	63,5	73,5	1,0	150,0	10	3,0	450,0	30	1,52	635
IH36342189/20	70	80	1,0	150,0	10	3,0	450,0	30	1,68	700
IH36342190/20	75	86	1,0	150,0	10	3,0	450,0	30	1,99	750
IH36342191/20	100	112	1,0	150,0	10	3,0	450,0	30	2,86	1000
IH36342194/20	102	114	1,0	150,0	10	3,0	450,0	30	2,99	1020

RUBBER AIR HOSE MINIERA 10 bar MADE IN ITALY Parker ITR

MINIERA 15

Hose Construction

Tube:	Black, oil mist resistant, smooth SBR rubber compound
Reinforcement:	Synthetic textile fabrics
Cover:	Black, abrasion, ageing and weather-resistant SBR rubber compound



Applications

Suitable for compressed air tools in factories and designed for quarries, building and mining industries. In heavy operating conditions, we suggest using the appropriate hose: H = heavy application.

Temperature Range

-30 °C (-22 °F) to +80 °C (+176 °F)

Tolerances

RMA steel mandrel

On inside diameter:

≤ I.D. 38 mm: ± 0,79 mm

> I.D. 38 mm: ± 1,59 mm

On outside diameter:

≤ I.D. 19 mm: ± 0,79 mm







I.D. 25 - 100 mm: ± 1,59 mm

I.D. 110 mm: ± 2,38 mm

Length tolerance: ± 1%

Note

* According to NFT 47252/A on request.

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
MINIERA 15										
IH36341090/40	19	29	1,5	217,5	15	4,5	652,5	45	0,56	190
IH36342300/40	19	31	1,5	217,5	15	4,5	652,5	45	0,68	190
IH36341091/40	25	35	1,5	217,5	15	4,5	652,5	45	0,70	250
IH36341092/40	30	41	1,5	217,5	15	4,5	652,5	45	0,89	300
IH36341093/40	32	43	1,5	217,5	15	4,5	652,5	45	0,94	320
IH36341094/40	35	46	1,5	217,5	15	4,5	652,5	45	1,01	350
IH36341089/40	38	52	1,5	217,5	15	4,5	652,5	45	1,42	380
IH36341095/40	*40	55	1,5	217,5	15	4,5	652,5	45	1,60	400
IH36341096/40	45	60	1,5	217,5	15	4,5	652,5	45	1,75	450
IH36341097/40	*50	65	1,5	217,5	15	4,5	652,5	45	1,98	500
IH36202437/40	51	66	1,5	217,5	15	4,5	652,5	45	2,01	510
IH36341098/40	60	75	1,5	217,5	15	4,5	652,5	45	2,31	600
IH36201100/20	75	90	1,5	217,5	15	4,5	652,5	45	2,80	750
IH36201101/20	80	95	1,5	217,5	15	4,5	652,5	45	2,93	800
IH36201102/20	90	105	1,5	217,5	15	4,5	652,5	45	3,22	900
IH36201103/20	100	115	1,5	217,5	15	4,5	652,5	45	3,55	1000
IH36201085/20	110	125	1,5	217,5	15	4,5	652,5	45	3,86	1100
MINIERA H 15										
IH36201129/40	32	44	1,5	217,5	15	4,5	652,5	45	1,03	320
IH36342302/40	38	54	1,5	217,5	15	4,5	652,5	45	1,64	380
IH36202306/40	65	87	1,5	217,5	15	4,5	652,5	45	3,625	650
MINIERA L 15										
IH36341125/40	38	48	1,5	217,5	15	4,5	652,5	45	0,95	380

* on request to NFT 47252/A

RUBBER AIR HOSE MINIERA 15 bar MADE IN ITALY Parker ITR

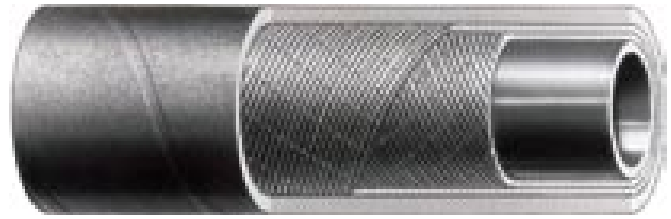
MINIERA 20

Hose Construction

Tube: Black, oil mist resistant, smooth SBR/NBR rubber compound

Reinforcement: Synthetic textile fabrics

Cover: Black, abrasion, ageing and weather-resistant SBR rubber compound



Applications

Suitable for compressed air tools in factories and designed for quarries, building and mining industries.

MINIERA 20:

Tube resistant to traces of oil mist for medium duty

MINIERA 25:

Excellent oil resistant tube for heavy duty

Tolerances

RMA steel mandrel

On inside diameter:

≤ I.D. 38 mm: ± 0,79 mm

> I.D. 38 mm: ± 1,59 mm

On outside diameter:

≤ I.D. 19 mm: ± 0,79 mm

I.D. 25 - 100 mm: ± 1,59 mm

Length tolerance:







± 1%

Temperature Range

-30 °C (-22 °F) to +80 °C (+176 °F)

Note

On request also available with yellow cover (Miniera NY 20 - L NY 20)

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
MINIERA 20										
IH36341113/40	19	30	2,0	300,0	20	6,0	900,0	60	0,62	190
IH36341110/40	25	37	2,0	300,0	20	6,0	900,0	60	0,81	250
IH36341111/40	30	46	2,0	300,0	20	6,0	900,0	60	1,39	300
IH36341112/40	35	51	2,0	300,0	20	6,0	900,0	60	1,56	350
IH36341120/40	40	56	2,0	300,0	20	6,0	900,0	60	1,73	400
IH36341109/40	45	61	2,0	300,0	20	6,0	900,0	60	1,91	450
IH36341114/40	50	66	2,0	300,0	20	6,0	900,0	60	2,08	500
IH36341116/40	60	76	2,0	300,0	20	6,0	900,0	60	2,38	600
IH36341107/40	63,5	79,5	2,0	300,0	20	6,0	900,0	60	2,52	650
IH36341117/20	75	91	2,0	300,0	20	6,0	900,0	60	2,89	750
IH36341119/20	100	118	2,0	300,0	20	6,0	900,0	60	4,23	1000
MINIERA L 20										
IH36341149/40	30	42	2,0	300,0	20	6,0	900,0	60	0,98	300
IH36341152/40	32	44	2,0	300,0	20	6,0	900,0	60	1,04	320
IH36341106/40	32	46	2,0	300,0	20	6,0	900,0	60	1,24	320
IH36341150/40	35	48	2,0	300,0	20	6,0	900,0	60	1,21	350
IH36341121/40	38	52	2,0	300,0	20	6,0	900,0	60	1,43	380
IH36341153/40	40	54	2,0	300,0	20	6,0	900,0	60	1,45	400

RUBBER AIR HOSE MINIERA 20 bar MADE IN ITALY Parker ITR

MINIERA 25

Hose Construction

Tube:	Black, oil mist resistant, smooth SBR/NBR rubber compound
Reinforcement:	Synthetic textile fabrics
Cover:	Black, abrasion, ageing and weather-resistant SBR rubber compound



Applications

Suitable for compressed air tools in factories and designed for quarries, building and mining industries.

MINIERA 20:

Tube resistant to traces of oil mist for medium duty

MINIERA 25:

Excellent oil resistant tube for heavy duty

Tolerances

RMA steel mandrel

On inside diameter:

≤ I.D. 38 mm: ± 0,79 mm

> I.D. 38 mm: ± 1,59 mm

On outside diameter:







≤ I.D. 19 mm: ± 0,79 mm

I.D. 25 - 76 mm: ± 1,59 mm

Length tolerance: ± 1%

Temperature Range

-30 °C (-22 °F) to +80 °C (+176 °F)

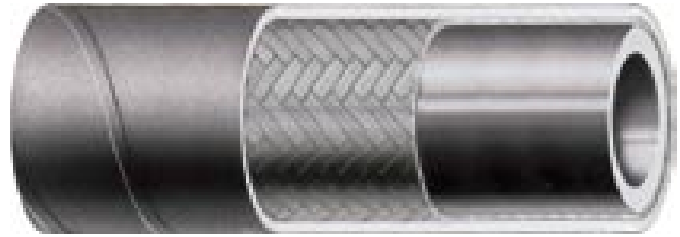
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
MINIERA 25										
IH36341170/40	19	32	2,5	362,5	25	7,5	1087,5	75	0,74	190
IH36341172/40	25	39	2,5	362,5	25	7,5	1087,5	75	0,99	250
IH36341174/40	32	50	2,5	362,5	25	7,5	1087,5	75	1,61	320
IH36341178/40	45	64	2,5	362,5	25	7,5	1087,5	75	2,23	450
IH36341123/20	76	97	2,5	362,5	25	7,5	1087,5	75	3,81	750
MINIERA L 25										
IH36341163/40	32	48	2,5	362,5	25	7,5	1087,5	75	1,42	320
IH36341164/40	38	54	2,5	362,5	25	7,5	1087,5	75	1,62	380
IH36341165/40	50	69	2,5	362,5	25	7,5	1087,5	75	2,42	500
IH36341166/40	51	70	2,5	362,5	25	7,5	1087,5	75	2,46	500

RUBBER AIR HOSE MINIERA 25 bar MADE IN ITALY Parker ITR

MINIERA 40

Hose Construction

- Tube:** Black, NBR rubber compound. Oil resistant
- Reinforcement:** One special braid of steel wire
- Cover:** Black SBR/CR rubber compound, abrasion, oils, ozone and weather resistant



Applications

Compressed air for mine and quarries, designed for long lasting service and maximum safety in heavy duty applications.

Temperature Range

-40 °C (-40 °F) to +100 °C (+212 °F)

Packing

All hose coils are tied with string.

Tolerances

According to BS 5118/3

On inside diameter: ± 0,75 mm

Reference Specifications

BS 5118/3

ISO 1307

IHXXXXXXXXXX Part Number / Standard Length m	nominal Diameter		O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
	mm	inch		MPa	psi	bar	MPa	psi	bar		
IH36348001/40	13	1/2	23	4,0	580,0	40	16,0	2320,0	160	0,55	150
IH36348002/40	19	3/4	30	4,0	580,0	40	16,0	2320,0	160	0,77	230
IH36348003/40	25	1	38	4,0	580,0	40	16,0	2320,0	160	1,06	300
IH36348004/40	32	1,1/4	46	4,0	580,0	40	16,0	2320,0	160	1,45	380
IH36348005/40	38	1,1/2	52	4,0	580,0	40	16,0	2320,0	160	1,80	455
IH36348000/40	51	2	66	4,0	580,0	40	16,0	2320,0	160	2,30	600

RUBBER STEEL BRAIDED AIR HOSE MINIERA 40 bar MADE IN ITALY - Parker ITR

AIR SP 318 N/L 15 - NY/L 15**Hose Construction**

Tube: Black, smooth SBR rubber compound
Reinforcement: Synthetic textile yarns
Cover: Black (N), antistatic ($R < 1 \text{ M}\Omega/\text{m}$) high abrasion and weather-resistant, smooth (L) SBR/EPDM rubber compound

**Applications**

Suitable for delivery of compressed air, water and non-aggressive fluids for a wide range of industrial applications. This hose when used for air compressors is resistant to traces of oil mist.

Temperature Range

-30 °C (-22 °F) to +80 °C (+176 °F)

Tolerances

According to UNI EN ISO 1307/97

On inside diameter:







≤ I.D. 5 mm: ± 0,60 mm

I.D. 6 - 19 mm: ± 0,80 mm

I.D. 25 mm: ± 1,20 mm

Length tolerance:

± 1%

Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
AIR SP318 N/L 15										
IH30316999/40	5	10,5	1,5	217,5	15	4,5	652,5	45	0,10	40
IH30311470/40	6	12	1,5	217,5	15	4,5	652,5	45	0,13	50
IH30311470/100	6	12	1,5	217,5	15	4,5	652,5	45	0,13	50
IH30317005/100	6	14	1,5	217,5	15	4,5	652,5	45	0,19	50
IH30311472/40	7	13	1,5	217,5	15	4,5	652,5	45	0,14	60
IH30311473/100	8	14	1,5	217,5	15	4,5	652,5	45	0,15	65
IH30311474/40	8	15	1,5	217,5	15	4,5	652,5	45	0,19	65
IH30311474/100	8	15	1,5	217,5	15	4,5	652,5	45	0,19	65
IH30317001/100	8,5	16	1,5	217,5	15	4,5	652,5	45	0,21	65
IH30317003/100	8	17	1,5	217,5	15	4,5	652,5	45	0,27	65
IH30311476/40	9	16	1,5	217,5	15	4,5	652,5	45	0,20	75
IH30311478/40	10	17	1,5	217,5	15	4,5	652,5	45	0,22	80
IH30311478/100	10	17	1,5	217,5	15	4,5	652,5	45	0,22	80
IH30311445/40	10	18	1,5	217,5	15	4,5	652,5	45	0,26	80
IH30317004/40	10	19	1,5	217,5	15	4,5	652,5	45	0,31	80
IH30311477/40	12	20	1,5	217,5	15	4,5	652,5	45	0,29	100
IH30311444/100	13	20	1,5	217,5	15	4,5	652,5	45	0,27	105
IH30311480/40	13	21	1,5	217,5	15	4,5	652,5	45	0,32	105
IH30311480/100	13	21	1,5	217,5	15	4,5	652,5	45	0,32	105
IH30311479/40	13	23	1,5	217,5	15	4,5	652,5	45	0,43	105
IH30311443/50	14	24	1,5	217,5	15	4,5	652,5	45	0,45	115
IH30311481/100	15	24	1,5	217,5	15	4,5	652,5	45	0,40	120
IH30311446/100	16	24	1,5	217,5	15	4,5	652,5	45	0,37	130
IH30311482/40	16	26	1,5	217,5	15	4,5	652,5	45	0,49	130
IH30311485/50	19	27	1,5	217,5	15	4,5	652,5	45	0,43	150
IH30311484/40	19	29	1,5	217,5	15	4,5	652,5	45	0,57	150
IH30311484/50	19	29	1,5	217,5	15	4,5	652,5	45	0,57	150
IH30311484/80	19	29	1,5	217,5	15	4,5	652,5	45	0,57	150
IH30317111/40	19	30	1,5	217,5	15	4,5	652,5	45	0,63	150
IH30311489/40	25	35	1,5	217,5	15	4,5	652,5	45	0,71	200
IH30311489/50	25	35	1,5	217,5	15	4,5	652,5	45	0,71	200
IH30311488/40	25	36	1,5	217,5	15	4,5	652,5	45	0,79	200
IH30311488/50	25	36	1,5	217,5	15	4,5	652,5	45	0,79	200
IH30311490/40	25	37	1,5	217,5	15	4,5	652,5	45	0,87	200
AIR SP318 NY/L 15										
IH30311433/100	10	17	1,5	217,5	15	4,5	652,5	45	0,24	80
IH30311432/100	13	21	1,5	217,5	15	4,5	652,5	45	0,34	105
IH30311431/40	19	27	1,5	217,5	15	4,5	652,5	45	0,46	150
IH30311435/40	25	35	1,5	217,5	15	4,5	652,5	45	0,76	200
IH30311435/50	25	35	1,5	217,5	15	4,5	652,5	45	0,76	200

RUBBER AIR HOSE 15 bar MADE IN ITALY Parker ITR

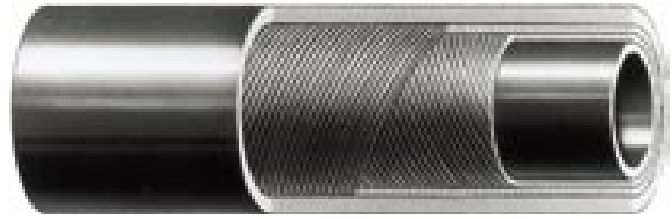
AIR ISO 2398 N-T (Type 1B - 2B - 3B)

Hose Construction

Tube: Black, antistatic ($R < 1 \text{ M}\Omega/\text{m}$), smooth, EPDM rubber compound

Reinforcement: Synthetic textile yarns

Cover: Black, antistatic ($R < 1 \text{ M}\Omega/\text{m}$) smooth EPDM rubber compound, resistant to abrasion, ageing, heat and weathering



Tolerances

According to ISO 2398

On inside diameter:







≤ I.D. 19 mm: ± 0,75 mm
I.D. 25 mm: ± 1,25

Applications

Designed for air according to ISO 2398 N-T (type 1B-2B-3B)

Temperature Range

-25 °C (-13 °F) +80 °C (+176 °F)

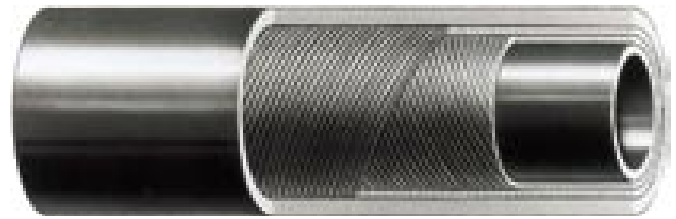
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
AIR ISO 2398 N-T Type 1B										
IH 30311531/100	8	15	1,0	150,0	10	4,0	600,0	40	0,17	65
IH 30311532/100	12,5	21	1,0	150,0	10	4,0	600,0	40	0,30	105
IH 30111533/80	16	24	1,0	150,0	10	4,0	600,0	40	0,35	150
IH 30111534/80	19	28	1,0	150,0	10	4,0	600,0	40	0,47	150
IH 30111535/50	25	33	1,0	150,0	10	4,0	600,0	40	0,51	200
AIR ISO 2398 N-T Type 2B										
IH 30311540/100	8	16	1,6	232,0	16	6,4	928,0	64	0,21	65
IH 30311541/100	12,5	22	1,6	232,0	16	6,4	928,0	64	0,35	105
IH30311542/80	16	25	1,6	232,0	16	6,4	928,0	64	0,40	150
IH 30311543/80	19	29	1,6	232,0	16	6,4	928,0	64	0,52	150
IH 30311544/50	25	34	1,6	232,0	16	6,4	928,0	64	0,57	200
AIR ISO 2398 N-T Type 3B										
IH 30311550/100	8	17	2,5	362,5	25	10,0	1450,0	100	0,25	65
IH 30311551/100	12,5	23	2,5	362,5	25	10,0	1450,0	100	0,40	105
IH 30311552/80	16	26	2,5	362,5	25	10,0	1450,0	100	0,45	150
IH 30311553/80	19	30	2,5	362,5	25	10,0	1450,0	100	0,58	150
IH 30311554/50	25	35	2,5	362,5	25	10,0	1450,0	100	0,65	200

RUBBER AIR HOSE ISO 2398 1B (-2B-3B) N-T I.D. mm 10 (-16-25) bar MADE IN ITALY Parker ITR
Quarter/Year with traceability code

AIR NFT 47252/A

Hose Construction

- Tube:** Black, smooth SBR/NBR rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Black, smooth SBR rubber compound, resistant to abrasion, ageing and weathering



Applications

Designed for medium and heavy duty service for delivery of air, water and non-aggressive fluids or a wide range of industrial applications. The hoses when used for air compressors are resistant to traces of oil mist. They meet NFT 47252, DIN 20018, BS 5118 Standards respectively.

Temperature Range

-30 °C (-22 °F) to +80 °C (+176 °F)

Branding







Each hose has a continuous branding according to the standards or customer's requirement.

Tolerances

On diameters: According to standards
Length tolerance: ± 1%

Note

On request also available AIR NFT 47252/B.

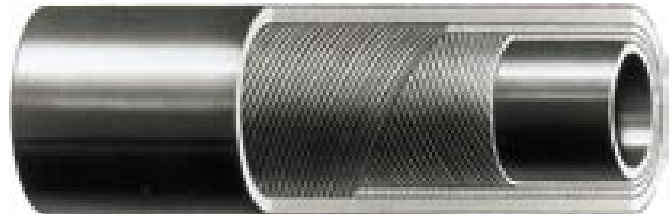
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30318000/20	16	26	1,0	150,0	10	4,0	600,0	40	0,46	80
IH30318000/40	16	26	1,0	150,0	10	4,0	600,0	40	0,46	80
IH30318001/20	19	29	1,0	150,0	10	4,0	600,0	40	0,52	95
IH30318001/40	19	29	1,0	150,0	10	4,0	600,0	40	0,52	95
IH30318003/20	19	31	1,0	150,0	10	4,0	600,0	40	0,70	95
IH30318003/40	19	31	1,0	150,0	10	4,0	600,0	40	0,70	95
IH30318002/20	25	36	1,0	150,0	10	4,0	600,0	40	0,80	125
IH30318002/40	25	36	1,0	150,0	10	4,0	600,0	40	0,80	125
IH36346000/40	30	42	1,0	150,0	10	4,0	600,0	40	0,96	160
IH36346001/40	40	55	1,0	150,0	10	4,0	600,0	40	1,57	200
IH36346002/40	50	65	1,0	150,0	10	4,0	600,0	40	1,97	250

TUYAU CAOUTCHOUC AIR NF T 47-252 TYPE A MADE IN ITALY – Parker ITR

STATIONPRESS N/L 20

Hose Construction

- Tube:** Black, smooth, NBR rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Black (N), antistatic ($R < 1 \text{ M}\Omega/\text{m}$), abrasion, oils, grease and weather resistant, smooth (L), NBR/EPDM rubber compound



Tolerances

UNI EN ISO 1307/97

On inside diameter:

I.D. 6 - 8 mm: $\pm 0,80 \text{ mm}$







Length tolerance: $\pm 1\%$

Applications

Suitable for delivery of compressed air, water and non-aggressive fluids in service stations and car workshops.

Temperature Range

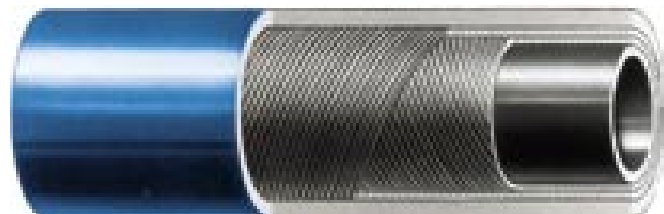
-25 °C (-13 °F) to +80 °C (+176 °F)

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30841005/100	6	14	2,0	300,0	20	6,0	900,0	60	0,17	50
IH30841006/100	8	16	2,0	300,0	20	6,0	900,0	60	0,20	65

RUBBER HOSE STATIONPRESS 20 bar MADE IN ITALY Parker ITR

AIRSTATION NB/L 20**Hose Construction**

- Tube:** Black, smooth, antistatic (R < 1 MΩ/m) NBR rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Blue, smooth NBR/PVC rubber compound, resistant to abrasion, oils, grease and fuels, ageing and weathering

**Tolerances**

UNI EN ISO 1307/97

On inside diameter:







I.D. 6 - 12 mm: ± 0,80 mm

Length tolerance: ± 1%**Applications**

Suitable for delivery of compressed air, water and non-aggressive fluids in service stations and car workshops.

Temperature Range

-20 °C (-4 °F) to +80 °C (+176 °F)

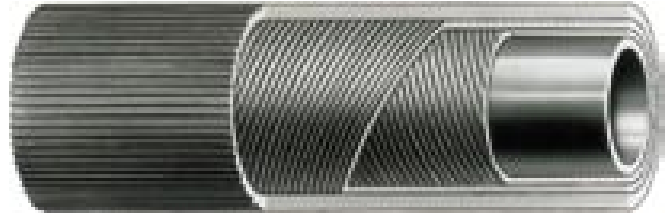
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30841015/40	6	13	2,0	300,0	20	6,0	900,0	60	0,14	50
IH30841016/40	7	14	2,0	300,0	20	6,0	900,0	60	0,16	55
IH30841017/40	8	15	2,0	300,0	20	6,0	900,0	60	0,17	65
IH30841018/40	9	16	2,0	300,0	20	6,0	900,0	60	0,19	70
IH30841019/40	10	18	2,0	300,0	20	6,0	900,0	60	0,24	80
IH30841020/40	12	20	2,0	300,0	20	6,0	900,0	60	0,27	100

RUBBER HOSE AIR STATION 20 bar – ANTISTATIC MADE IN ITALY - Parker ITR

VIBRAPRESS N/R 10

Hose Construction

- Tube:** Black, smooth SBR rubber compound
Reinforcement: Synthetic textile fabric
Cover: Black, ribbed SBR/EPDM rubber compound, abrasion and weather resistant



Applications





Suitable for concrete vibrators. Its special structure is designed to protect the connecting systems and to make handling easy.

Tolerances

On inside diameter: $\pm 1,25$ mm

Temperature Range

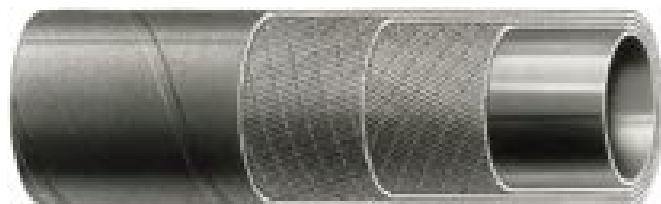
-30 °C (-22 °F) to +80 °C (+176 °F)

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	Working Pressure			Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH 30112520/40	25	41	1,0	150,0	10	3,0	450,0	30	1,24	150

RUBBER HOSE VIBRAPRESS 10 bar MADE IN ITALY Parker ITR

VIBRACORD 10**Hose Construction**

- Tube:** Black, smooth, SBR rubber compound
- Reinforcement:** Synthetic textile fabric
- Cover:** Black, smooth SBR rubber compound, resistant to abrasion and weathering

**Applications**

Designed for electrical or pneumatic vibrators for concrete

Temperature Range

-20 °C (-4 °F) to +80 °C (+176 °F)

Tolerances

RMA steel mandrel

On inside diameter:

≤ I.D. 32 mm: ± 0,79 mm

I.D. 40 mm: ± 1,59 mm







On outside diameter:

≤ I.D. 22 mm: ± 0,79 mm

> I.D. 22 mm: ± 1,59 mm

Length tolerance:

± 1%

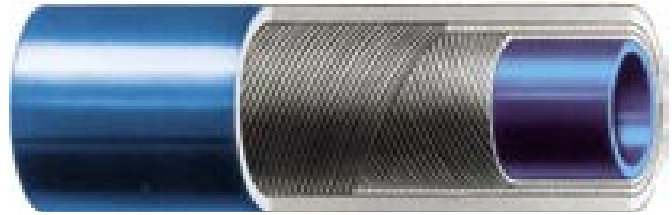
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36874531/40	19	31	1,0	150,0	10	3,0	450,0	30	0,82	190
IH36874030/40	20	34	1,0	150,0	10	3,0	450,0	30	0,92	200
IH36874543/40	22	32	1,0	150,0	10	3,0	450,0	30	0,71	220
IH36874539/40	25	39	1,0	150,0	10	3,0	450,0	30	1,15	250
IH36874542/40	25	40	1,0	150,0	10	3,0	450,0	30	1,24	250
IH36874541/40	30	41	1,0	150,0	10	3,0	450,0	30	0,99	300
IH36874545/40	30	45	1,0	150,0	10	3,0	450,0	30	1,43	300
IH36874547/40	30	48	1,0	150,0	10	3,0	450,0	30	1,61	300
IH36874546/40	32	46	1,0	150,0	10	3,0	450,0	30	1,26	320
IH36874553/40	40	53	1,0	150,0	10	3,0	450,0	30	1,51	400
IH36874544/40	40	54	1,0	150,0	10	3,0	450,0	30	1,65	400

RUBBER HOSE VIBRACORD 10 bar MADE IN ITALY Parker ITR

ISOLPRESS B/L 20

Hose Construction

- Tube:** Blue, smooth, insulating NBR rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Blue, smooth, insulating NBR/PVC rubber compound, resistant to ageing, heat, abrasion, ozone and weathering



Tolerances

UNI EN ISO 1307/97

On inside diameter:

I.D. 8 mm: $\pm 0,80$ mm







Length tolerance: $\pm 1\%$

Applications

Compressed air with traces of oil mist in pneumatic systems and also non-aggressive fluids in a wide range of industrial applications. Hose designed for special applications where insulating feature and resistance to temperature are required. Insulating resistance $R > 1$ M Ω /m.

Temperature Range

-25 °C (-13 °F) to +80 °C (+176 °F)

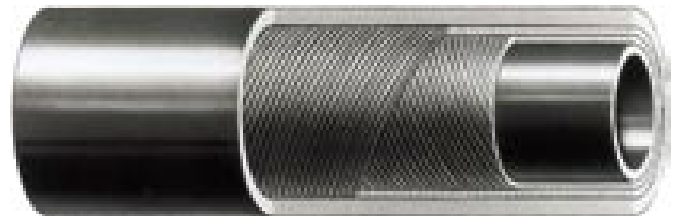
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30310030/100	8	15	2,0	300,0	20	6,0	900,0	60	0,17	65

RUBBER HOSE ISOLPRESS 20 bar MADE IN ITALY Parker ITR

ISOLPRESS HT N/L 20

Hose Construction

- Tube:** Black, smooth, low permeation, NBR rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Black, smooth CSM rubber compound, resistant to ageing, heat, abrasion, ozone and weathering



Applications

Compressed air with traces of oil mist for compressors, pneumatic systems and also non-aggressive fluids in a wide range of industrial applications. Hose designed for special applications where insulating feature and good resistance to temperature are required. Insulating resistance $R > 1 \text{ M}\Omega/\text{m}$.

Tolerances

UNI EN ISO 1307/97







On inside diameter:

I.D. 13 mm: $\pm 0,80 \text{ mm}$

Length tolerance: $\pm 1\%$

Temperature Range

-25 °C (-13 °F) to +125 °C (+257 °F)

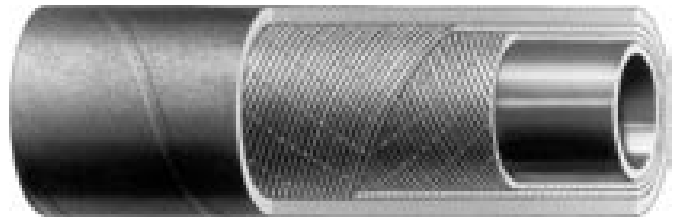
Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30310040/100	13	20	2,0	300,0	20	6,0	900,0	60	0,25	100

RUBBER HOSE ISOLPRESS HT 20 bar MADE IN ITALY Parker ITR

AIRTEMP 180

Hose Construction

- Tube:** Black, smooth, EPDM rubber compound with very good resistance to high temperature
- Reinforcement:** Synthetic textile fabrics yarns
- Cover:** Black (N), smooth, wrapped finish EPDM rubber compound, resistant to heat, abrasion, ozone and weather.



Applications

Hot air delivery hose designed for compressors and pneumatic systems like flexible connection between motor blower and road tanker used for dry pellets, abrasive powders and granular material transport.

Temperature Range

-40 °C (-40 °F) to +180 °C (+356 °F)







Tolerances

RMA steel mandrel tolerances

- On inside diameter:** ± 1,59 mm
- On outer diameter:** ± 1,59 mm
- Length tolerance:** ± 1%

NOTE

On request also available with clear tube (AIRTEMP 180 WEISS)

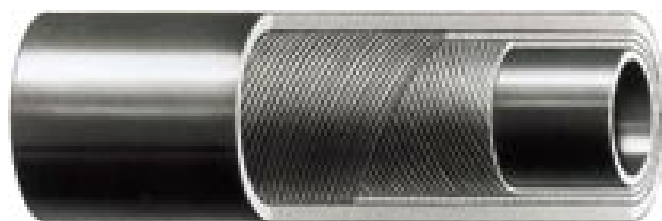
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
AIRTEMP 180										
IH42405600/20	51	70	1,0	150,0	10	3,0	450,0	30	1,85	350
IH42405650/20	60	78	1,0	150,0	10	3,0	450,0	30	2,13	420
IH42405669/20	65	83	1,0	150,0	10	3,0	450,0	30	2,40	455
IH42405680/20	75	93	1,0	150,0	10	3,0	450,0	30	2,62	550
AIRTEMP 180 WEISS										
IH42405601/20	51	70	1,0	150,0	10	3,0	450,0	30	1,94	350
IH42405651/20	60	78	1,0	150,0	10	3,0	450,0	30	2,26	420
IH42405681/20	75	93	1,0	150,0	10	3,0	450,0	30	2,74	550

RUBBER AIR HOSE AIRTEMP 180 MADE IN ITALY Parker ITR

DIVER-100 EN 250 N/L

Hose Construction

- Tube:** Black, smooth, heat and ageing resistant EPDM rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Black, smooth EPDM rubber compound, resistant to abrasion, sea water, heat and weathering



Applications

Flexible hose for air supply in scuba diving systems. Designed to exceed the UNI EN 250 standard requirements (point 5,7) flexible hoses for medium pressure, related to tests on loose hoses (not assembled).

Tolerances







- On inside diameter:** $\pm 0,5$ mm
- On outside diameter:** $-0,2 / +0,8$ mm
- Length tolerance:** $\pm 1\%$

Temperature Range

-30 °C (-22 °F) to $+80$ °C ($+176$ °F)

Packing

Cardboard boxes.

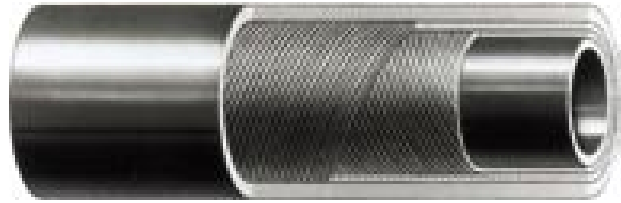
Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30310123/100	6	13	3,5	510,0	35	15,0	2185,0	150	0,14	60
IH30310120/100	6,3	12,5	3,5	510,0	35	15,0	2185,0	150	0,13	60
IH30310121/100	7,3	13,2	3,5	510,0	35	15,0	2185,0	150	0,13	75
IH30310119/100	7,3	13,5	3,5	510,0	35	15,0	2185,0	150	0,14	75
IH30310126/100	7,3	13,7	3,5	510,0	35	15,0	2185,0	150	0,14	75
IH30310124/80	8	14	3,5	510,0	35	15,0	2185,0	150	0,14	80

WARNING – DO NOT EXCEED 510 psi (35 bar) – HIGHER psi (bar) MAY CAUSE DAMAGE OR PERSONAL INJURY
– MEDIUM PRESSURE – Parker ITR

MASKPRESS EN 139

Hose Construction

- Tube:** Black, NBR rubber compound. Heat, ageing and air resistant
- Reinforcement:** Synthetic textile yarns
- Cover:** Black, smooth NBR rubber compound, resistant to abrasion, sea water, heat and weathering



Tolerances

According to UNI EN ISO 1307/97

On inside diameter:

I.D. 9,5 mm: $\pm 0,80$ mm







Length tolerance: $\pm 1\%$

Applications

Flexible hose designed for air supply in breathing devices for fire-fighting operations. Meets the requirements of UNI EN 139 (points 6,12 - 6,13 relevant to hose without fittings).

Temperature Range

-30 °C (-22 °F) to +80 °C (+176 °F)

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30310128/100	9,5	19	1,0	150,0	10	10,0	1500,0	100	0,3	60

RUBBER HOSE FOR BREATHING MASK TO EN 139 ANTISTATIC HEAT RESISTANT - MADE IN ITALY Parker ITR
Year with traceability code



Water Hoses



Wherever water is to be transported, Parker has the ideal hose for the job. Suction and delivery hoses have a wide range of applications and are used in many different markets.

The combination of thick rubber tube and heavy textile reinforcement assures a long life. To avoid collapsing during suction, hoses can be supplied with an embedded wire-helix.

The covers are particularly resistant to abrasion, weathering and ozone.

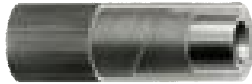


**FUCINO 5-10-20**

Suitable for discharge of water and non-aggressive liquids for irrigation equipment and submersible pumps. It can be rolled flat for easy transport or storage.

**PRESS N/L 10**
PRESCORD N/R 6-10

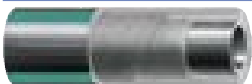
Suitable for water discharge in many industrial and agricultural applications.

**PRESS NR/L 12**

Suitable for discharge of water and non-aggressive liquids in many industrial and agricultural applications.

**IDRO 10 - WATER 10**

Recommended for water and non-aggressive liquid discharge services, particularly for agricultural uses.

**WASSERPRESS 20**

Suitable for hot and cold water, air and light-chemical media.

**APERFLAT LY - MB**

Suitable for delivery of water and non-aggressive liquids in agriculture and industrial applications.

**BEVERA 5-10**

Suitable for suction and delivery of water and non-aggressive liquids; recommended for irrigation.

**MULTIREX**

For suction and delivery of water in all light-duty applications.

**MEDIREX SE**

For suction and delivery of water and non aggressive liquids, for medium-duty applications at temperatures from -25 °C (-13 °F) to +60 °C (+140 °F).

**FORTIREX**

Suitable for suction and delivery of clean and waste water and liquids in all heavy-duty industrial applications.

**INGLAS 30**

Suitable for water delivery in foundries, steel and glass factories. Particularly designed to withstand radiation, short contacts with metal and glass liquid.

**TANK CLEANER 15**

Suitable for delivery of water, seawater and detergent solutions for the cleaning of fuel and oil tanks, road-tanker and ship tanks.

**NEVE 50**

Used particularly in artificial snow producing equipment.

**ARTIREX**

For suction and delivery of water and inert fluids, designed to be very flexible at low temperature -35 °C (-31 °F).



E - Water Hose

Delivery

FUCINO 5 - 10 - 20	▶	E4
PRESCORD N/R 6 - 10	▶	E5
PRESS N/L 10	▶	E6
PRESS NR/L 12	▶	E7
IDRO 10	▶	E8
WATER 10	▶	E9
WASSERPRESS 20	▶	E10
APERFLAT LY	▶	E11
APERFLAT MB	▶	E12

Suction and Delivery

BEVERA 5 - 10	▶	E13
MULTIREX	▶	E14
MEDIREX SE	▶	E15
FORTIREX	▶	E16

Industrial Cooling

INGLAS 30	▶	E17
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Tanker

TANK CLEANER	▶	E18
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Snow

NEVE 50	▶	E19
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PVC Low Temperature

ARTIREX	▶	E20
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A



B



C



D



E



F



G



H



I



J



K



L



M



N



O



P

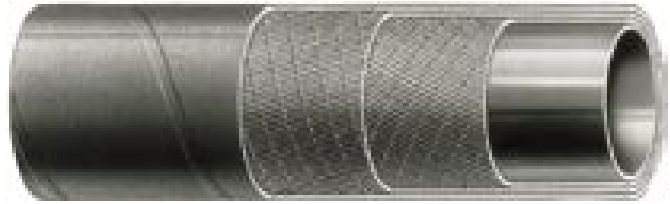


Q

FUCINO 5 - 10 - 20

Hose Construction

- Tube:** Black, smooth SBR rubber compound
Reinforcement: Synthetic textile fabrics
Cover: Black, abrasion, ageing and weather-resistant SBR rubber compound



Applications

Suitable for a variety of industrial applications, where a flexible and lightweight discharge hose for water and non-aggressive liquids are required.

Specifically designed for irrigation equipment and submersible pumps.

It can be rolled flat for easy transport or storage.

Tolerances

RMA steel mandrel

On inside diameter:

≤ I.D. 38 mm: ± 0,79 mm

> I.D. 38 mm: ± 1,59 mm

On outside diameter:

≤ O.D. 102 mm: ± 1,59 mm







> O.D. 102 mm: ± 2,38 mm

Length tolerance:

± 1%

Temperature Range

-30 °C (-22 °F) to +80 °C (+176 °F)

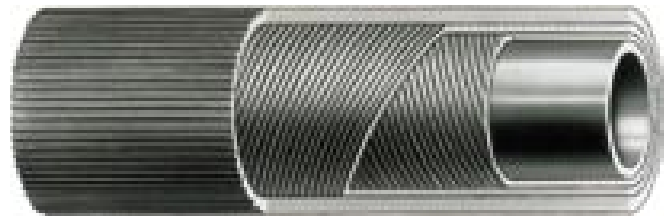
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
FUCINO 5										
IH36203208/40	60	66	0,5	72,5	5	1,5	217,5	15	0,83	-
IH36203210/20	70	76	0,5	72,5	5	1,5	217,5	15	0,96	-
IH36203216/20	75	82	0,5	72,5	5	1,5	217,5	15	1,21	-
IH36203212/20	80	87	0,5	72,5	5	1,5	217,5	15	1,29	-
IH36203218/20	90	97	0,5	72,5	5	1,5	217,5	15	1,44	-
IH36203213/20	100	107	0,5	72,5	5	1,5	217,5	15	1,58	-
FUCINO 10										
IH36203251/40	25	31	1,0	150,0	10	3,0	450,0	30	0,38	-
IH36203252/40	30	36	1,0	150,0	10	3,0	450,0	30	0,45	-
IH36203253/40	32	38	1,0	150,0	10	3,0	450,0	30	0,47	-
IH36203254/40	35	41	1,0	150,0	10	3,0	450,0	30	0,51	-
IH36203240/40	38	45	1,0	150,0	10	3,0	450,0	30	0,65	-
IH36203255/40	40	47	1,0	150,0	10	3,0	450,0	30	0,68	-
IH36203256/40	45	52	1,0	150,0	10	3,0	450,0	30	0,75	-
IH36203257/40	50	57	1,0	150,0	10	3,0	450,0	30	0,83	-
IH36203260/40	51	58	1,0	150,0	10	3,0	450,0	30	0,84	-
IH36203258/40	60	67	1,0	150,0	10	3,0	450,0	30	0,99	-
IH36203264/40	63,5	70,5	1,0	150,0	10	3,0	450,0	30	1,04	-
IH36203259/20	70	77	1,0	150,0	10	3,0	450,0	30	1,12	-
IH36201101/20	75	82	1,0	150,0	10	3,0	450,0	30	1,20	-
IH36203265/20	76	83	1,0	150,0	10	3,0	450,0	30	1,21	-
IH36203261/20	80	87	1,0	150,0	10	3,0	450,0	30	1,27	-
IH36203262/20	90	97	1,0	150,0	10	3,0	450,0	30	1,42	-
IH36203263/20	100	108	1,0	150,0	10	3,0	450,0	30	1,78	-
IH36203284/20	102	110	1,0	150,0	10	3,0	450,0	30	1,82	-
IH36203267/20	120	128	1,0	150,0	10	3,0	450,0	30	2,12	-
IH36200109/20	150	160	1,0	150,0	10	3,0	450,0	30	3,29	-
FUCINO 20										
IH36203276/40	50	58	2,0	300,0	20	6,0	900,0	60	0,94	-
IH36203278/40	60	68	2,0	300,0	20	6,0	900,0	60	1,10	-
IH36203279/20	75	86	2,0	300,0	20	6,0	900,0	60	1,92	-
IH36203280/20	80	91	2,0	300,0	20	6,0	900,0	60	2,05	-
IH36203281/20	90	103,5	2,0	300,0	20	6,0	900,0	60	2,68	-
IH36203282/20	100	113	2,0	300,0	20	6,0	900,0	60	2,97	-
IH36203283/20	120	133	2,0	300,0	20	6,0	900,0	60	3,52	-

RUBBER WATER HOSE FUCINO W.P. bar MADE IN ITALY Parker ITR

PRESCORD N/R 6 - 10

Hose Construction

- Tube:** Black, smooth SBR rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Black (N), ribbed (/R), abrasion, ageing and weather-resistant, SBR/EPDM rubber compound



Applications

Suitable for discharge of water and non-aggressive liquids in many industrial and agricultural applications.

Temperature Range

-30 °C (-22 °F) to + 80 °C (+176 °F)







Tolerances

According to UNI EN ISO 1307/97

On inside diameter:

- ≤ I.D. 5 m: ± 0,60 mm
- I.D. 6 - 20 mm: ± 0,80 mm
- I.D. 22 - 25 mm: ± 1,20 mm
- > I.D. 25 mm: ± 1,60 mm
- Length tolerance:** ± 1%



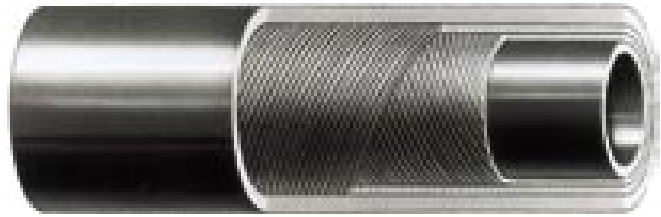
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
PRESCORD N/R 6										
IH30112129/100	8	13	0,6	90,0	6	1,8	270,0	18	0,12	50
IH30112140/100	10	15	0,6	90,0	6	1,8	270,0	18	0,14	60
IH30112106/100	12	17	0,6	90,0	6	1,8	270,0	18	0,17	70
IH30112139/100	15	21	0,6	90,0	6	1,8	270,0	18	0,25	90
IH30112107/50	18	25	0,6	90,0	6	1,8	270,0	18	0,35	110
IH30112108/50	20	28	0,6	90,0	6	1,8	270,0	18	0,46	120
IH30112131/50	22	30	0,6	90,0	6	1,8	270,0	18	0,49	130
IH30112133/50	25	33	0,6	90,0	6	1,8	270,0	18	0,54	150
PRESCORD N/R 10										
IH30112111/100	5	10,5	1,0	150,0	10	3,0	450,0	30	0,10	30
IH30112112/100	6	13	1,0	150,0	10	3,0	450,0	30	0,16	40
IH30112115/100	7	15	1,0	150,0	10	3,0	450,0	30	0,21	40
IH30116062/100	8	15	1,0	150,0	10	3,0	450,0	30	0,19	50
IH30112101/100	9	16	1,0	150,0	10	3,0	450,0	30	0,20	50
IH30116063/100	10	17	1,0	150,0	10	3,0	450,0	30	0,22	60
IH30112103/100	12	19	1,0	150,0	10	3,0	450,0	30	0,26	70
IH30112104/100	15	23	1,0	150,0	10	3,0	450,0	30	0,36	90
IH30112136/50	18	26	1,0	150,0	10	3,0	450,0	30	0,42	110
IH30112137/50	19	29	1,0	150,0	10	3,0	450,0	30	0,57	110
IH30112138/50	20	30	1,0	150,0	10	3,0	450,0	30	0,59	120
IH30112132/50	22	32	1,0	150,0	10	3,0	450,0	30	0,64	130
IH30112134/50	25	35	1,0	150,0	10	3,0	450,0	30	0,71	150
IH30116066/50	30	42	1,0	150,0	10	3,0	450,0	30	1,00	180

RUBBER HOSE PRESCORD W.P. bar MADE IN ITALY Parker ITR

PRESS® N/L 10

Hose Construction

- Tube:** Black, smooth SBR rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Black (N), smooth (/L), abrasion, ageing and weather-resistant SBR/EPDM rubber compound



Applications

Suitable for discharge of water and non-aggressive liquids in many industrial and agricultural applications.

Temperature Range

-30 °C (-22 °F) to + 80 °C (+176 °F)

Tolerances







According to UNI EN ISO 1307/97

On inside diameter:

≤ I.D. 5 mm:	± 0,60 mm
I.D. 8 - 20 mm:	± 0,80 mm
I.D. 22 - 25 mm:	± 1,20 mm
> I.D. 25 mm:	± 1,60 mm

Length tolerance:

± 1%

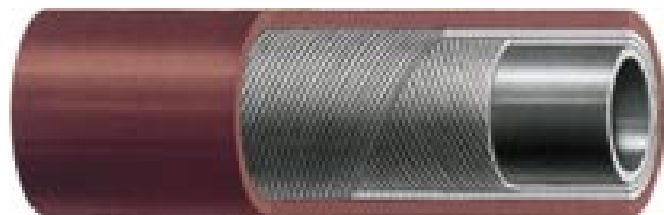
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30102102/100	5	10,5	1,0	150,0	10	3,0	450,0	30	0,10	30
IH30101001/100	8	15	1,0	150,0	10	3,0	450,0	30	0,19	50
IH30101002/100	10	15	1,0	150,0	10	3,0	450,0	30	0,15	60
IH30101003/100	10	17	1,0	150,0	10	3,0	450,0	30	0,22	60
IH30101004/100	12	17	1,0	150,0	10	3,0	450,0	30	0,17	70
IH30101005/100	13	19	1,0	150,0	10	3,0	450,0	30	0,23	80
IH30101006/100	15	21	1,0	150,0	10	3,0	450,0	30	0,25	90
IH30101007/100	16	23	1,0	150,0	10	3,0	450,0	30	0,32	100
IH30101008/80	19	26	1,0	150,0	10	3,0	450,0	30	0,37	110
IH30101009/80	20	30	1,0	150,0	10	3,0	450,0	30	0,59	120
IH30101010/80	22	30	1,0	150,0	10	3,0	450,0	30	0,49	130
IH30101011/50	25	33	1,0	150,0	10	3,0	450,0	30	0,55	150
IH30101012/50	25	35	1,0	150,0	10	3,0	450,0	30	0,70	150
IH30101013/40	30	42	1,0	150,0	10	3,0	450,0	30	1,00	180
IH30101014/40	32	44	1,0	150,0	10	3,0	450,0	30	1,07	190

RUBBER HOSE PRESS 10 bar MADE IN ITALY Parker ITR

PRESS® NR/L 12

Hose Construction

- Tube:** Black, smooth SBR rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Red (NR), smooth (/L), abrasion, ageing and weather-resistant SBR/EPDM rubber compound



Applications

Suitable for discharge of water and non-aggressive liquids in many industrial and agricultural applications.

Temperature Range

-30 °C (-22 °F) to +80 °C (+176 °F)

Tolerances

According to UNI EN ISO 1307/97

On inside diameter:

I.D. 13 - 19 mm: ± 0,80 mm







I.D. 25 mm: ± 1,20 mm

Length tolerance: ± 1%

Note

On request also available with blue cover (NB)



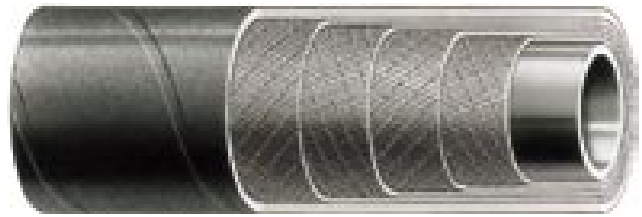
Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30111460/40	13	19	1,2	174,0	12	3,6	522,0	36	0,24	80
IH30111461/40	16	23	1,2	174,0	12	3,6	522,0	36	0,34	100
IH30111474/40	16	24	1,2	174,0	12	3,6	522,0	36	0,40	100
IH30111462/40	19	26	1,2	174,0	12	3,6	522,0	36	0,40	110
IH30111475/40	19	27	1,2	174,0	12	3,6	522,0	36	0,46	110
IH30111477/40	25	33	1,2	174,0	12	3,6	522,0	36	0,58	150

RUBBER HOSE PRESS 12 bar MADE IN ITALY Parker ITR

IDRO 10

Hose Construction

- Tube:** Black, smooth SBR rubber compound
- Reinforcement:** Synthetic textile fabrics
- Cover:** Black: abrasion, ageing and weather-resistant SBR rubber compound



Applications

Suitable for discharge of water and non-aggressive liquids, for agricultural uses, also in industrial facilities and on building sites.

Suction







- < I.D. 80 mm: medium suction 0,5 bar (380 mm Hg)
- ≥ I.D. 80 mm: light suction 0,3 bar (230 mm Hg)
- Type IDRO L: suitable only for delivery

Temperature Range

-30 °C (-22 °F) to +80 °C (+176 °F)

Tolerances

- RMA steel mandrel
- On inside diameter:**
- ≤ I.D. 38 mm: ± 0,79 mm
- > I.D. 38 mm: ± 1,59 mm
- On outside diameter:**
- I.D. 25 - 100 mm: ± 1,59 mm
- > I.D. 100 mm: ± 2,38 mm
- Length tolerance:** ± 1%

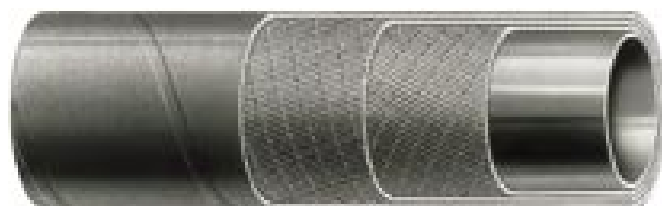
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IDRO 10										
IH36203000/40	25	34	1,0	150,0	10	3,0	450,0	30	0,63	250
IH36203001/40	28	37	1,0	150,0	10	3,0	450,0	30	0,69	280
IH36203002/40	30	41	1,0	150,0	10	3,0	450,0	30	0,92	300
IH36203003/40	32	44	1,0	150,0	10	3,0	450,0	30	1,07	320
IH36203004/40	35	48	1,0	150,0	10	3,0	450,0	30	1,26	350
IH36203005/40	38	52	1,0	150,0	10	3,0	450,0	30	1,46	380
IH36203006/40	40	54	1,0	150,0	10	3,0	450,0	30	1,52	400
IH36203007/40	42	56	1,0	150,0	10	3,0	450,0	30	1,59	420
IH36203008/40	45	61	1,0	150,0	10	3,0	450,0	30	2,00	450
IH36203009/40	48	64	1,0	150,0	10	3,0	450,0	30	2,11	480
IH36203010/40	50	68	1,0	150,0	10	3,0	450,0	30	2,49	500
IH36203011/40	60	82	1,0	150,0	10	3,0	450,0	30	3,63	600
IH36203013/20	70	93	1,0	150,0	10	3,0	450,0	30	4,34	700
IH36203015/20	80	103	1,0	150,0	10	3,0	450,0	30	4,88	800
IH36203017/20	100	125	1,0	150,0	10	3,0	450,0	30	6,33	1000
IDRO L 10										
IH36203090/40	35	47	1,0	150,0	10	3,0	450,0	30	1,17	-
IH36203092/40	38	50	1,0	150,0	10	3,0	450,0	30	1,20	-
IH36203012/40	45	59	1,0	150,0	10	3,0	450,0	30	1,72	-
IH36201004/40	48	61	1,0	150,0	10	3,0	450,0	30	1,68	-
IH36203109/40	50	64	1,0	150,0	10	3,0	450,0	30	1,83	-
IH36203100/40	50	66	1,0	150,0	10	3,0	450,0	30	2,18	-
IH36203101/40	60	76	1,0	150,0	10	3,0	450,0	30	2,54	-
IH36203110/40	63,5	78	1,0	150,0	10	3,0	450,0	30	2,03	-
IH36203111/20	75	89	1,0	150,0	10	3,0	450,0	30	2,65	-
IH36203103/20	75	91	1,0	150,0	10	3,0	450,0	30	2,95	-
IH36203105/20	90	104	1,0	150,0	10	3,0	450,0	30	3,10	-
IH36203106/20	100	114	1,0	150,0	10	3,0	450,0	30	3,41	-
IH36203107/20	110	125	1,0	150,0	10	3,0	450,0	30	4,01	-
IH36203108/20	120	136	1,0	150,0	10	3,0	450,0	30	4,57	-

RUBBER WATER HOSE IDRO 10 bar MADE IN ITALY Parker ITR

WATER 10

Hose Construction

- Tube:** Black, smooth SBR rubber compound
- Reinforcement:** Synthetic textile fabrics
- Cover:** Black, smooth SBR rubber compound, resistant to abrasion, ageing and weathering



Applications

Suitable for discharge of water and non-aggressive liquids in many industrial and agricultural applications.







Temperature Range

-30 °C (-22 °F) to +70 °C (+158 °F)

Tolerances

- RMA steel mandrel
- On inside diameter:**
 - ≤ I.D. 38 mm: ± 0,79 mm
 - < I.D. 38 mm: ± 1,59 mm
- On outside diameter:**
 - ≤ I.D. 19 mm: ± 0,79 mm
 - I.D. 25 - 100 mm: ± 1,59 mm
 - > I.D. 100 mm: ± 2,38 mm
- Length tolerance:** ± 1%



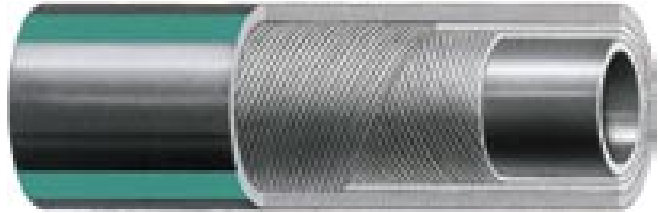
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
WATER 10										
IH36203511/40	19	29	1,0	150,0	10	3,0	450,0	30	0,58	-
IH36203514/40	25	35	1,0	150,0	10	3,0	450,0	30	0,72	-
IH36203501/40	32	42	1,0	150,0	10	3,0	450,0	30	0,88	-
IH36203503/40	38	48	1,0	150,0	10	3,0	450,0	30	1,01	-
IH36202261/40	40	50	1,0	150,0	10	3,0	450,0	30	1,05	-
IH36203505/40	45	55	1,0	150,0	10	3,0	450,0	30	1,18	-
IH36203506/40	50	60	1,0	150,0	10	3,0	450,0	30	1,29	-
IH36202260/40	63,5	73,5	1,0	150,0	10	3,0	450,0	30	1,61	-
IH36203630/20	76	87	1,0	150,0	10	3,0	450,0	30	2,08	-
IH36203631/20	90	102	1,0	150,0	10	3,0	450,0	30	2,14	-
IH36202188/20	100	112	1,0	150,0	10	3,0	450,0	30	2,89	-
IH36203633/20	125	137	1,0	150,0	10	3,0	450,0	30	3,50	-
IH36203634/10	150	166	1,0	150,0	10	3,0	450,0	30	5,61	-
WATER 10 NR										
IH36202185/40	32	42	1,0	150,0	10	3,0	450,0	30	0,84	-
IH36203622/40	38	48	1,0	150,0	10	3,0	450,0	30	0,95	-
IH36203619/40	45	55	1,0	150,0	10	3,0	450,0	30	1,11	-
IH36203620/40	50	60	1,0	150,0	10	3,0	450,0	30	1,22	-
IH36203623/40	63,5	73,5	1,0	150,0	10	3,0	450,0	30	1,52	-
IH36203625/20	75	86	1,0	150,0	10	3,0	450,0	30	1,96	-

RUBBER WATER HOSE 10 bar MADE IN ITALY Parker ITR

WASSERPRESS 20

Hose Construction

- Tube:** Black, smooth EPDM rubber compound
Reinforcement: Synthetic textile yarns
Cover: Black, with four longitudinal coloured stripes, smooth, abrasion, heat, ageing and weathering resistant EPDM rubber compound



Applications

Suitable for discharge of hot and cold water, air and light-chemical medias in many industrial and agricultural applications.

Tolerances

According to UNI EN ISO 1307/97

On inside diameter:

I.D. 10 - 19 mm: ± 0,80 mm

I.D. 25 mm: ± 1,20 mm

Length tolerance:

± 1%

Temperature Range

-40 °C (-40 °F) to +120 °C (+248 °F)

Part Number / Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
WASSERPRESS 20 4Y										
IH30118016/40	10	18	2,0	300,0	20	6,0	900,0	60	0,24	80
IH30118003/40	13	20	2,0	300,0	20	6,0	900,0	60	0,25	100
IH30118011/40	16	24	2,0	300,0	20	6,0	900,0	60	0,35	130
IH30118004/40	19	27	2,0	300,0	20	6,0	900,0	60	0,40	150
IH30118005/40	25	34	2,0	300,0	20	6,0	900,0	60	0,57	200
WASSERPRESS 20 4Y NB/L										
IH30118029/40	13	20	2,0	300,0	20	6,0	900,0	60	0,25	100
IH30118030/40	19	27	2,0	300,0	20	6,0	900,0	60	0,40	150
IH30118031/40	25	34	2,0	300,0	20	6,0	900,0	60	0,57	200
WASSERPRESS 20 4A										
IH30118020/40	13	20	2,0	300,0	20	6,0	900,0	60	0,25	100
IH30118021/40	19	27	2,0	300,0	20	6,0	900,0	60	0,40	150
IH30118022/40	25	34	2,0	300,0	20	6,0	900,0	60	0,57	200
WASSERPRESS 20 4B										
IH30118025/40	13	20	2,0	300,0	20	6,0	900,0	60	0,25	100
IH30118026/40	19	27	2,0	300,0	20	6,0	900,0	60	0,40	150
IH30118027/40	25	34	2,0	300,0	20	6,0	900,0	60	0,57	200
WASSERPRESS 20 4B NY/L										
IH30118035/40	13	20	2,0	300,0	20	6,0	900,0	60	0,25	100
IH30118036/40	19	27	2,0	300,0	20	6,0	900,0	60	0,40	150
WASSERPRESS 20 4R										
IH30118007/40	13	20	2,0	300,0	20	6,0	900,0	60	0,25	100
IH30118010/40	16	24	2,0	300,0	20	6,0	900,0	60	0,35	130
IH30118008/40	19	27	2,0	300,0	20	6,0	900,0	60	0,40	150
IH30118009/40	25	34	2,0	300,0	20	6,0	900,0	60	0,57	200
WASSERPRESS 20 4V										
IH30118012/40	13	20	2,0	300,0	20	6,0	900,0	60	0,25	100
IH30118013/40	15	23	2,0	300,0	20	6,0	900,0	60	0,33	125
IH30118006/40	19	27	2,0	300,0	20	6,0	900,0	60	0,40	150
IH30118014/40	25	34	2,0	300,0	20	6,0	900,0	60	0,57	200

RUBBER HOSE WASSERPRESS 20 bar MADE IN ITALY Parker ITR

APERFLAT LY

Hose Construction

Tube: Black, smooth PVC
Reinforcement: Synthetic textile yarns
Cover: Yellow, highly abrasion and weather-resistant smooth PVC



Applications




Light-duty, flat wrappable hose occupying a minimum amount of space, suitable for delivery under pressure of water and non-aggressive liquids in agriculture, in the building industry, in mining and in industry in general.

Tolerances

On inside diameter:
 ≤ I.D. 80 mm: ± 1,00 mm
 I.D. 102 mm: ± 1,50 mm
Length tolerance: ± 1%
 All other technical data are subject to a ± 5% tolerance.

Temperature Range

-15 °C (+5 °F) to +60 °C (+140 °F)

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	Working Pressure			Burst Pressure			 Weight kg/m	 min. Bend Radius mm
		MPa	psi	bar	MPa	psi	bar		
IH35655025/100	25	0,6	90,0	6	1,8	270,0	18	0,16	-
IH35655032/100	32	0,6	90,0	6	1,8	270,0	18	0,20	-
IH35655038/100	38	0,6	90,0	6	1,8	270,0	18	0,24	-
IH35655040/100	40	0,6	90,0	6	1,8	270,0	18	0,25	-
IH35655051/100	51	0,6	90,0	6	1,8	270,0	18	0,33	-
IH35655063/100	63,5	0,6	90,0	6	1,8	270,0	18	0,43	-
IH35655076/100	76	0,4	58,0	4	1,2	174,0	12	0,52	-
IH35655080/100	80	0,4	58,0	4	1,2	174,0	12	0,55	-
IH35655102/100	102	0,4	58,0	4	1,2	174,0	12	0,73	-

APERFLAT LY DIAM. I.D. mm Parker ITR

APERFLAT MB

Hose Construction

Tube: Black, smooth PVC
Reinforcement: Synthetic textile yarns
Cover: Blue, highly abrasion and weather-resistant smooth PVC



Applications

Medium-duty, flat wrappable hose occupying a minimum amount of space, suitable for delivery under pressure of water and non-aggressive liquids in agriculture, in the building industry, in mining and in industry in general.

Tolerances

On inside diameter:

≤ I.D. 100 mm: ± 1,00 mm






> I.D. 100 mm: ± 1,50 mm

Length tolerance: ± 1%

All other technical data are subject to a ± 5% tolerance.

Temperature Range

-15 °C (+5 °F) to +60 °C (+140 °F)

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
		MPa	psi	bar	MPa	psi	bar		
IH35653020/100	20	0,8	116,0	8	2,4	348,0	24	0,13	-
IH35653025/100	25	0,8	116,0	8	2,4	348,0	24	0,17	-
IH35653032/100	32	0,8	116,0	8	2,4	348,0	24	0,21	-
IH35653035/100	35	0,8	116,0	8	2,4	348,0	24	0,23	-
IH35653038/100	38	0,8	116,0	8	2,4	348,0	24	0,25	-
IH35653040/100	40	0,8	116,0	8	2,4	348,0	24	0,26	-
IH35653045/100	45	0,8	116,0	8	2,4	348,0	24	0,29	-
IH35653050/100	50	0,8	116,0	8	2,4	348,0	24	0,37	-
IH35653060/100	60	0,8	116,0	8	2,4	348,0	24	0,43	-
IH35653063/100	63,5	0,8	116,0	8	2,4	348,0	24	0,46	-
IH35653070/100	70	0,8	116,0	8	2,4	348,0	24	0,50	-
IH35653075/100	75	0,8	116,0	8	2,4	348,0	24	0,55	-
IH35653080/100	80	0,8	116,0	8	2,4	348,0	24	0,57	-
IH35653090/100	90	0,8	116,0	8	2,4	348,0	24	0,73	-
IH35653100/100	100	0,8	116,0	8	2,4	348,0	24	0,83	-
IH35653150/100	150	0,3	43,5	3	0,9	130,5	9	1,25	-
IH35653200/100	200	0,3	43,5	3	0,9	130,5	9	1,93	-

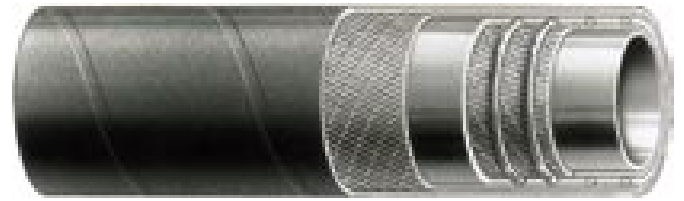
APERFLAT MB DIAM. I.D. mm Parker ITR



BEVERA 5 - 10

Hose Construction

- Tube:** Black, smooth SBR rubber compound
- Reinforcement:** Synthetic textile fabrics and embedded steel wire helix
- Cover:** Black: abrasion, ageing and weather-resistant SBR rubber compound



Applications

Suction and delivery of water and non-aggressive liquids. It is recommended for loading and discharge of storage tanks, tankers, for irrigation and for all applications where a flexible and easy to handle hose is required.

Suction

Max. 0,8 bar (600 mm Hg)

Tolerances

RMA steel mandrel

On inside diameter:

- ≤ I.D. 38 mm: ± 0,79 mm
- > I.D. 38 mm: ± 1,59 mm

Temperature Range

-30 °C (-22° F) to +80 °C (+176 °F)

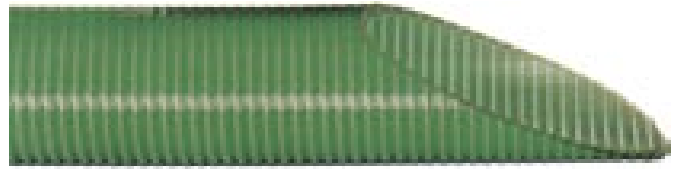
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
BEVERA 5										
IH36214021/40	60	70	0,5	72,5	5	1,5	217,5	15	1,78	360
IH36214013/20	75	86	0,5	72,5	5	1,5	217,5	15	2,56	450
IH36214015/20	80	91	0,5	72,5	5	1,5	217,5	15	2,82	480
IH36214016/20	90	102	0,5	72,5	5	1,5	217,5	15	3,38	540
IH36214017/20	100	112	0,5	72,5	5	1,5	217,5	15	3,75	600
BEVERA 10										
IH36214045/40	19	29	1,0	150,0	10	3,0	450,0	30	0,67	110
IH36214050/40	25	35	1,0	150,0	10	3,0	450,0	30	0,83	150
IH36214051/40	30	40	1,0	150,0	10	3,0	450,0	30	0,95	180
IH36214052/40	32	42	1,0	150,0	10	3,0	450,0	30	1,01	190
IH36214053/40	35	45	1,0	150,0	10	3,0	450,0	30	1,08	210
IH36214054/40	38	48	1,0	150,0	10	3,0	450,0	30	1,16	230
IH36214055/40	40	50	1,0	150,0	10	3,0	450,0	30	1,21	240
IH36214056/40	45	55	1,0	150,0	10	3,0	450,0	30	1,35	270
IH36214058/40	50	60	1,0	150,0	10	3,0	450,0	30	1,50	300
IH36214059/40	51	61	1,0	150,0	10	3,0	450,0	30	1,53	310
IH36214060/40	60	71	1,0	150,0	10	3,0	450,0	30	1,94	360
IH36214061/40	63,5	75	1,0	150,0	10	3,0	450,0	30	2,33	380
IH36214063/20	70	81,5	1,0	150,0	10	3,0	450,0	30	2,59	420
IH36214064/20	75	86,5	1,0	150,0	10	3,0	450,0	30	2,75	450
IH36214065/40	76	87,5	1,0	150,0	10	3,0	450,0	30	2,78	460
IH36214066/20	80	92,5	1,0	150,0	10	3,0	450,0	30	3,02	480
IH36214067/20	90	103,5	1,0	150,0	10	3,0	450,0	30	3,66	540
IH36214068/20	100	114	1,0	150,0	10	3,0	450,0	30	3,98	600
IH36214069/40	102	116	1,0	150,0	10	3,0	450,0	30	4,05	610
IH36214070/20	110	124	1,0	150,0	10	3,0	450,0	30	4,34	660
IH36214071/20	120	134	1,0	150,0	10	3,0	450,0	30	4,73	720
IH36211010/20	125	140	1,0	150,0	10	3,0	450,0	30	5,66	750
IH36211050/10	150	170	1,0	150,0	10	3,0	450,0	30	7,73	900
IH36211050/15	150	170	1,0	150,0	10	3,0	450,0	30	7,73	900

RUBBER WATER HOSE BEVERA W.P. bar MADE IN ITALY Parker ITR

MULTIREX

Hose Construction

Flexible hose having an off-white, rigid PVC spiral embedded in a transparent green, flexible PVC wall.



Applications

For suction and delivery of water for irrigation, liquid fertilisers and general industrial uses.

Temperature Range

-10 °C (+14 °F) to +60 °C (+140 °F)

Suction

≤ I.D. 50 mm: 0,70 bar (530 mm Hg)
I.D.: 60 - 150 mm: 0,60 bar (450 mm Hg)

Tolerances

On inside diameter:

≤ I.D. 50 mm: ± 0,50 mm
> I.D. 50 mm: ± 1,00 mm







On wall thickness:

± 0,50 mm

Length tolerance:

± 1%

All other technical data are subject to a ± 5% tolerance.

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 Wall Thickness mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH35602019/50	19	3,0	0,7	101,5	7	2,1	304,5	21	0,20	60
IH35600020/50	20	3,0	0,7	101,5	7	2,1	304,5	21	0,21	60
IH35600025/50	25	3,0	0,7	101,5	7	2,1	304,5	21	0,29	90
IH35600030/50	30	3,1	0,6	87,0	6	1,8	261,0	18	0,35	90
IH35602032/50	32	3,2	0,6	87,0	6	1,8	261,0	18	0,37	95
IH35600035/50	35	3,5	0,6	87,0	6	1,8	261,0	18	0,43	105
IH35602038/50	38	3,6	0,6	87,0	6	1,8	261,0	18	0,49	115
IH35600040/50	40	3,7	0,6	87,0	6	1,8	261,0	18	0,51	120
IH35600045/50	45	4,0	0,5	72,5	5	1,5	217,5	15	0,57	135
IH35600050/50	50	4,0	0,5	72,5	5	1,5	217,5	15	0,73	150
IH35600060/50	60	4,2	0,5	72,5	5	1,5	217,5	15	0,96	180
IH35602065/50	65	4,3	0,5	72,5	5	1,5	217,5	15	1,20	300
IH35600070/50	70	4,5	0,4	58,0	4	1,2	174,0	12	1,23	315
IH35602075/50	75	4,6	0,4	58,0	4	1,2	174,0	12	1,47	340
IH35600080/50	80	4,7	0,4	58,0	4	1,2	174,0	12	1,57	360
IH35602090/25	90	4,8	0,4	58,0	4	1,2	174,0	12	1,92	415
IH35600100/25	100	5,0	0,4	58,0	4	1,2	174,0	12	2,11	450
IH35602110/25	110	5,4	0,4	58,0	4	1,2	174,0	12	2,56	500
IH35600120/25	120	5,8	0,4	58,0	4	1,2	174,0	12	2,69	540
IH35600150/25	150	6,5	0,3	43,5	3	0,9	130,5	9	3,85	675

MULTIREX DIAM I.D. mm Parker ITR



MEDIREX SE

Hose Construction

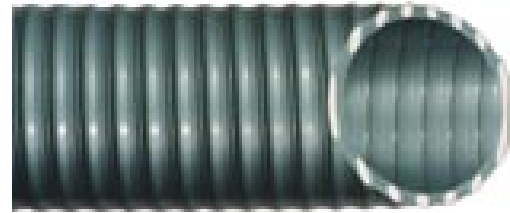
Flexible hose having an off-white, rigid PVC spiral embedded in a metallic green, flexible PVC wall.

Applications

For medium applications. Suction and pressure hose in many industry sectors, in construction, liquid flow, conveying of pellets, etc. Resistant to many chemicals, brine and sea water, as well as to bending. The Super Elastic type, is specially suitable for application in cool conditions, also when max. flexibility is required.

Temperature Range

-25 °C (+13 °F) to +60 °C (+140 °F)



Suction

≤ I.D. 35 mm: 0,90 bar (660 mm Hg)
I.D. 38 - 203 mm: 0,80 bar (590 mm Hg)

Tolerances

On inside /outside diameter: ± 4%

Length tolerance: ± 1%

All other technical data are subject to a ± 5% tolerance.

Part Number / Standard Length m	I.D. mm	Wall Thickness mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH35587025/50	25	-	0,8	116,0	8	2,4	348,0	24	0,55	165
IH35587030/50	30	-	0,8	116,0	8	2,4	348,0	24	0,57	195
IH35587032/50	32	-	0,8	116,0	8	2,4	348,0	24	0,64	205
IH35587035/50	35	-	0,7	101,5	7	2,1	304,5	21	0,66	220
IH35587038/50	38	-	0,7	101,5	7	2,1	304,5	21	0,70	235
IH35587040/50	40	-	0,7	101,5	7	2,1	304,5	21	0,74	245
IH35587045/50	45	-	0,7	101,5	7	2,1	304,5	21	0,90	271
IH35587051/50	51	-	0,6	87,0	6	1,8	261,0	18	1,05	297
IH35587055/50	55	-	0,6	87,0	6	1,8	261,0	18	1,10	323
IH35587060/50	60	-	0,6	87,0	6	1,8	261,0	18	1,30	350
IH35587063/50	63	-	0,6	87,0	6	1,8	261,0	18	1,40	367
IH35587070/50	70	-	0,5	72,5	5	1,5	217,5	15	1,65	405
IH35587076/30	76	-	0,45	65,25	4,5	1,35	195,75	13,5	1,75	438
IH35587080/30	80	-	0,45	65,25	4,5	1,35	195,75	13,5	1,90	450
IH35587090/30	90	-	0,4	58,0	4	1,2	174,0	12	2,17	503
IH35587102/30	102	-	0,4	58,0	4	1,2	174,0	12	2,70	580
IH35587110/30	110	-	0,3	43,5	3	0,9	130,5	9	3,10	608
IH35587120/30	120	-	0,3	43,5	3	0,9	130,5	9	3,35	668
IH35587127/30	127	-	0,3	43,5	3	0,9	130,5	9	3,60	705
IH35587152/20	152	-	0,25	36,25	2,5	0,75	108,75	7,5	4,50	838
IH35587203/10	203	-	0,15	21,75	1,5	0,45	65,25	4,5	8,75	1105

MEDIREX SE DIAM I.D. mm Parker ITR

FORTIREX

Hose Construction

Flexible and sturdy hose having an off-white, rigid PVC spiral embedded in a light grey PVC wall.

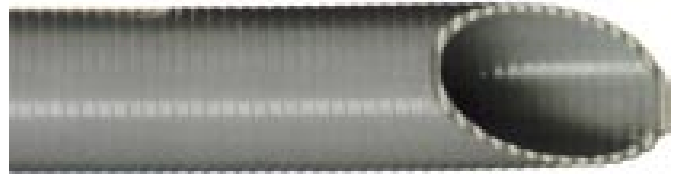
Applications

For suction and delivery of clean and dirty water, the drainage of sewers, conveying solid and abrasive materials and all other heavy duty industrial applications.

It is used in agriculture with sprinkler irrigation equipment and tank-trucks; at docks for discharging grain from the holds of ships; in the building industry for cement powder silos.

Temperature Range

-10°C (+14°F) to +60°C (+140°F)



Suction

≤ I.D. 50 mm:	0,80 bar (600 mm Hg)
I.D. 63,5 - 100 mm:	0,70 bar (530 mm Hg)
I.D. 150 mm:	0,55 bar (420 mm Hg)

Tolerances

On inside diameter:

≤ I.D. 50 mm:	± 0,50 mm
> I.D. 50 mm:	± 1,00 mm

On wall thickness: ± 0,5 mm

Length tolerance: ± 1%

All other technical data are subject to a ± 5% tolerance.







Burst Pressure

Three times working pressure

Note

Available on request:

- FORTIREX/ANC with an outer copper wire to ensure electrical continuity.

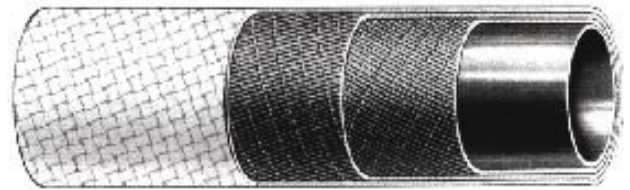
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 Wall Thickness mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH35520025/50	25	4,6	1,0	150,0	10	3,0	450,0	30	0,57	160
IH35520050/50	50	5,6	0,8	116,0	8	2,4	348,0	24	1,10	300
IH35522063/50	63,5	6,0	0,8	116,0	8	2,4	348,0	24	1,55	370
IH35520070/50	70	6,1	0,7	101,5	7	2,1	304,5	21	1,80	420
IH35520080/50	80	6,4	0,7	101,5	7	2,1	304,5	21	2,10	480
IH35522090/25	90	6,6	0,5	72,5	5	1,5	217,5	15	2,50	550
IH35520100/25	100	7,2	0,5	72,5	5	1,5	217,5	15	3,30	630
IH35520150/25	150	9,8	0,3	43,5	3	0,9	130,5	9	6,00	1100

FORTIREX DIAM I.D. mm Parker ITR

INGLAS 30

Hose Construction

- Tube:** Black, smooth EPDM insulating rubber compound. Resistant to hot air and hot water
- Reinforcement:** Synthetic textile fabrics
- Cover:** Black, smooth, EPDM rubber compound, heat, abrasion and weather resistant, covered by protective glass fiber



Applications

Suitable for cooling water delivery in foundries, steel and glass factories. Particularly designed to withstand short contacts with molten metal and glass.







Temperature Range

-40 °C (-40 °F) - maximum of +120 °C (+248 °F)
The cover withstands peaks of +375 °C (+707 °F)

Tolerances

- On inside diameter:**
- ≤ I.D. 38 mm: ± 0,79 mm
 - > I.D. 38 mm: ± 1,59 mm
- Length tolerance:** ± 1%



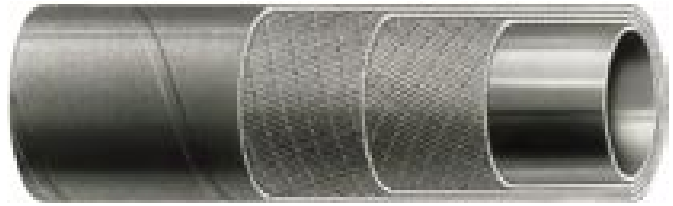
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH42302702/40	10	20	1,0	150,0	10	3,0	450,0	30	0,27	80
IH42302704/40	13	23	1,0	150,0	10	3,0	450,0	30	0,33	105
IH42302706/40	13	26	1,0	150,0	10	3,0	450,0	30	0,47	105
IH42302708/40	15	27	1,0	150,0	10	3,0	450,0	30	0,48	120
IH42302710/40	19	31	1,0	150,0	10	3,0	450,0	30	0,56	155
IH42302716/40	25	39	1,0	150,0	10	3,0	450,0	30	0,88	200
IH42302718/40	32	48	1,0	150,0	10	3,0	450,0	30	1,23	255
IH42302720/40	35	51	1,0	150,0	10	3,0	450,0	30	1,31	280
IH42302726/40	38	58	1,0	150,0	10	3,0	450,0	30	1,89	300
IH42302728/40	40	57	1,0	150,0	10	3,0	450,0	30	1,49	320
IH42302732/40	42	60	1,0	150,0	10	3,0	450,0	30	1,69	340
IH42302724/40	45	62	1,0	150,0	10	3,0	450,0	30	1,71	360
IH42302738/40	48	68	1,0	150,0	10	3,0	450,0	30	2,00	380
IH42302740/40	51	69	1,0	150,0	10	3,0	450,0	30	2,05	400
IH42302742/40	51	71	1,0	150,0	10	3,0	450,0	30	2,22	400
IH42302748/40	53	73	1,0	150,0	10	3,0	450,0	30	2,40	420
IH42302752/40	60	81	1,0	150,0	10	3,0	450,0	30	2,70	480
IH42302754/40	65	87	1,0	150,0	10	3,0	450,0	30	3,21	520
IH42302758/40	85	116	1,0	150,0	10	3,0	450,0	30	5,47	680

RUBBER HOSE INGLAS 30 MADE IN ITALY Parker ITR

TANK CLEANER

Hose Construction

- Tube:** Black, smooth SBR rubber compound
- Reinforcement:** Synthetic textile fabrics, embedded copper wires to provide electrical continuity between both ends
- Cover:** Black, smooth NBR/SBR rubber compound, resistant to abrasion, weather, detergent solutions and oily water



Tolerances







- RMA steel mandrel
- On inside diameter:** ± 1,59 mm
- On outside diameter:** ± 1,59 mm
- Length tolerance:** ± 1%

Applications

Suitable for delivery of water, sea-water and detergent solutions, for the cleaning of fuel and oil tanks, road-tankers, and ship-tanks. Usually supplied with brass or bronze BUTTERWORTH fittings.

Temperature Range

-20 °C (-4 °F) to +90 °C (+194 °F)

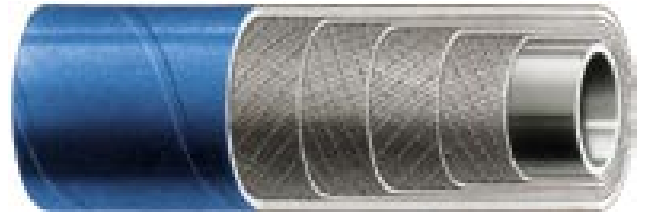
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36802000/40	38	52	1,5	217,5	15	6,0	900,0	60	1,32	300
IH36802002/40	40	60	1,5	217,5	15	6,0	900,0	60	2,11	320
IH36802001/40	50	70	1,5	217,5	15	6,0	900,0	60	2,46	400

RUBBER HOSE TANK CLEANER 15 bar MADE IN ITALY Parker ITR

NEVE 50

Hose Construction

- Tube:** Black, antistatic, EPDM rubber compound
- Reinforcement:** Synthetic textile fabrics
- Cover:** Blue, EPDM rubber compound, abrasion, ozone, heat and weather-resistant



Applications

Specially designed for artificial snow equipment. Suitable also for air, cold and hot water and light chemical media.

Temperature Range

-40 °C (-40 °F) to + 100 °C (+212 °F)

Tolerances

RMA steel mandrel

On inside diameter:





≤ I.D. 38 mm: ± 0,79 mm

> I.D. 38 mm: ± 1,59 mm

On outside diameter: ± 1,59 mm

Length tolerance: ± 1%



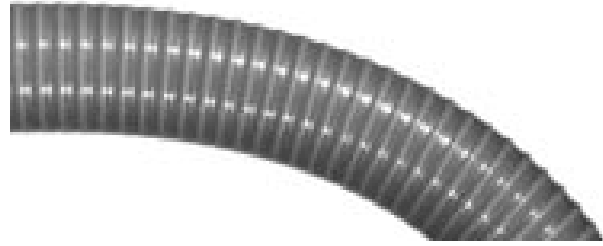
Part Number / Standard Length m	 I.D. mm	 O.D. mm	Working Pressure			Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36202208/40	25	39	5,0	725,0	50	15,0	2175,0	150	1,00	250
IH36202209/40	38	54	5,0	725,0	50	15,0	2175,0	150	1,56	380
IH36202210/40	50	70	5,0	725,0	50	15,0	2175,0	150	2,50	500

RUBBER HOSE NEVE 50 bar MADE IN ITALY Parker ITR

ARTIREX

Hose Construction

Extremely flexible hose in special soft PVC with a hard PVC shock resistant spiral. Standard colour: grey.



Applications

Suction and pressure hose for medium liquid loads. For medium applications in cold weather. Suction and pressure hose in many industry sectors e.g. construction, liquid flow, conveying pellets, etc. Resistant to many chemicals, brine and sea water, as well as to bending. Very good resistance to all atmospheric conditions.

Temperature Range

-35 °C (-31 °F) to +60 °C (+140 °F)

Suction

670 mm Hg

Tolerances







On inside /outside diameter: ± 4%

Length tolerance: ± 1%

All other technical data are subject to a ± 5% tolerance.

Note

The hose has been designed to be very flexible at cold temperature. If used at hot temperature at the highest allowed working pressure, a possible elongation has to be taken into consideration.

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH35531025/50	25	33	0,8	116,0	8	2,4	348,0	24	0,55	99
IH35531032/50	32	41	0,8	116,0	8	2,4	348,0	24	0,64	123
IH35531038/50	38	47	0,7	101,5	7	2,1	304,5	21	0,70	141
IH35531051/50	51	60	0,6	87,0	6	1,8	261,0	18	1,07	180
IH35531063/50	63	73	0,6	87,0	6	1,8	261,0	18	1,40	219
IH35531076/50	76	88	0,45	65,25	4,5	1,35	195,75	13,5	1,75	264
IH35531102/30	102	116	0,4	58,0	4	1,2	174,0	12	2,70	348

ARTIREX DIAM I.D. mm Parker ITR



Hot Water and Steam Hoses



Manufactured with special rubber compounds formulated to resist the effect of steam ageing, Parker's steam hoses conform to the latest international standards. Special textile reinforcement provides high safety margins with high pressures and temperatures. The cover is resistant to abrasion, ageing and heat.





▶ **Hot Water**



RADIOR 3
RADAN DIN
RADAN K 1003

Designed for use in car engine cooling and heating systems and industrial application.



THERMOPRESS 10

Suitable for circulating of hot water, non-aggressive hot liquids. For applications in boilers, air conditioning units and for hot water cleaning systems.



TRT 204 10

Suitable for delivery of hot water, non-aggressive hot liquids and detergent solutions. Particularly designed for hot water cleaning in food industries.

▶ **Steam**



VAPORE 164
VAPORE 164 EN ISO 6134 Type 1/A

Designed for use with saturated steam (max 6 bar at 164 °C - max 85 psi at 327 °F) in general industrial applications.



VIGOR 1 EN ISO 6134 Type 2/A
VIGOR 2 EN ISO 6134 Type 2/A

Suitable for delivery of saturated and superheated steam (max 18 bar at 210 °C - max 260 psi at 410 °F) in cleaning sterilisation applications and general industrial use.



F – Hot Water and Steam Hose

Hot Water

RADIOR 3 (coils)	▶	F4
RADIOR 3 (cut length)	▶	F5
THERMOPRESS 10	▶	F6
TRT 204 10	▶	F7
RADAN DIN (coils)	▶	F8
RADAN DIN (cut length)	▶	F9
RADAN K 1003	▶	F10

Steam

VAPORE 164	▶	F11
VAPORE 164 EN ISO 6134 Type 1/A	▶	F12
VIGOR 1 EN ISO 6134 Type 2/A	▶	F13
VIGOR 2 EN ISO 6134 Type 2/A	▶	F14

A



B



C



D



E



F



G



H



I



J



K



L



M



N



O



P



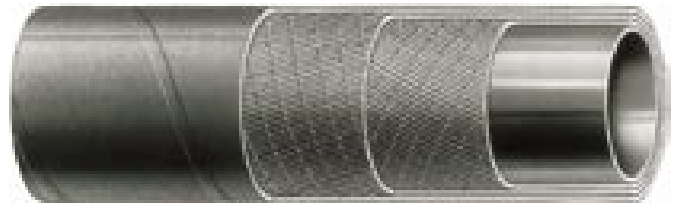
Q



RADIOR® 3 (coils)

Hose Construction

- Tube:** Black, smooth, heat resistant EPDM rubber compound
- Reinforcement:** Synthetic textile yarn fabric
- Cover:** Black, smooth, heat, ageing and weather-resistant EPDM rubber compound



Applications

Designed for cooling systems of automotive engines and stationary engines.

Temperature Range

-40 °C (-40 °F) to peaks of +100 °C (+212 °F)

Tolerances

- On inside diameter:**
- ≤ I.D. 38 mm: ± 0,79 mm
 - > I.D. 38 mm: ± 1,59 mm
- On outside diameter:**
- ≤ I.D. 22 mm: ± 0,79 mm
 - > I.D. 22 mm: ± 1,59 mm

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
RADIOR 3 (coils)										
IH36830095/40	10	16	0,3	43,5	3	0,9	130,5	9	0,16	--
IH36830096/40	12	18	0,3	43,5	3	0,9	130,5	9	0,19	--
IH36830097/40	15	21	0,3	43,5	3	0,9	130,5	9	0,23	--
IH36830098/40	16	25	0,3	43,5	3	0,9	130,5	9	0,38	--
IH36830101/40	18	24,5	0,3	43,5	3	0,9	130,5	9	0,29	--
IH36830102/40	20	26,5	0,3	43,5	3	0,9	130,5	9	0,32	--
IH36830103/40	22	28,5	0,3	43,5	3	0,9	130,5	9	0,34	--
IH36830104/40	25	32	0,3	43,5	3	0,9	130,5	9	0,39	--
IH36830105/40	28	36	0,3	43,5	3	0,9	130,5	9	0,50	--
IH36830106/40	30	38	0,3	43,5	3	0,9	130,5	9	0,53	--
IH36830107/40	32	40	0,3	43,5	3	0,9	130,5	9	0,55	--
IH36830108/40	35	43	0,3	43,5	3	0,9	130,5	9	0,60	--
IH36830109/40	38	47	0,3	43,5	3	0,9	130,5	9	0,73	--
IH36830110/40	40	49	0,3	43,5	3	0,9	130,5	9	0,77	--
IH36830111/40	42	51	0,3	43,5	3	0,9	130,5	9	0,80	--
IH36830112/40	45	54	0,3	43,5	3	0,9	130,5	9	0,85	--
IH36831023/40	48	57	0,3	43,5	3	0,9	130,5	9	0,91	--
IH36830113/40	50	60	0,3	43,5	3	0,9	130,5	9	1,07	--
IH36830114/40	55	65	0,3	43,5	3	0,9	130,5	9	1,17	--
IH36830115/40	60	70	0,3	43,5	3	0,9	130,5	9	1,26	--
IH36831020/40	63,5	74	0,3	43,5	3	0,9	130,5	9	1,38	--
IH36830116/20	65	76	0,3	43,5	3	0,9	130,5	9	1,54	--
IH36830117/20	70	81	0,3	43,5	3	0,9	130,5	9	1,65	--
IH36831022/20	75	86	0,3	43,5	3	0,9	130,5	9	1,75	--
IH36830118/20	80	92	0,3	43,5	3	0,9	130,5	9	2,05	--
IH36830119/20	90	102	0,3	43,5	3	0,9	130,5	9	2,29	--
IH36830121/20	100	113	0,3	43,5	3	0,9	130,5	9	2,63	--
RADIOR L 3 (coils)										
IH36830122/20	110	120	0,3	43,5	3	0,9	130,5	9	2,28	--

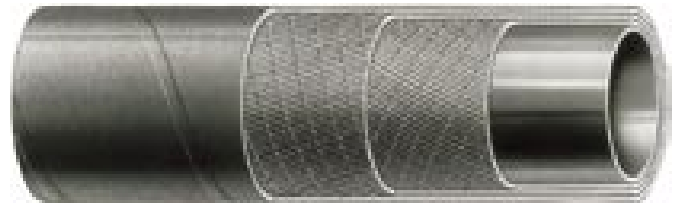
RUBBER HOSE RADIOR DIAM. I.D. mm MADE IN ITALY Parker ITR



RADIOR® 3 (cut length)

Hose Construction

- Tube:** Black, smooth, heat resistant EPDM rubber compound
- Reinforcement:** Synthetic textile yarn fabric
- Cover:** Black, smooth, heat, ageing and weather-resistant EPDM rubber compound



Applications

Designed for cooling systems of automotive engines and stationary engines.

Temperature Range

-40 °C (-40 °F) to peaks of +100 °C (+212 °F)

Tolerances

On inside diameter:

- ≤ I.D. 38 mm: ± 0,79 mm
 > I.D. 38 mm: ± 1,59 mm

On outside diameter:

- ≤ I.D. 22 mm: ± 0,79 mm
 > I.D. 22 mm: ± 1,59 mm

Packing

1 metre lengths are in bundles wrapped in polythene film.

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	Working Pressure			Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
RADIOR 3 (1 m cut length)										
IH36830023/1	15	21	0,3	43,5	3	0,9	130,5	9	0,23	--
IH36830024/1	16	25	0,3	43,5	3	0,9	130,5	9	0,38	--
IH36830001/1	18	24,5	0,3	43,5	3	0,9	130,5	9	0,29	--
IH36830002/1	20	26,5	0,3	43,5	3	0,9	130,5	9	0,32	--
IH36830003/1	22	28,5	0,3	43,5	3	0,9	130,5	9	0,34	--
IH36830004/1	25	32	0,3	43,5	3	0,9	130,5	9	0,39	--
IH36830005/1	28	36	0,3	43,5	3	0,9	130,5	9	0,50	--
IH36830006/1	30	38	0,3	43,5	3	0,9	130,5	9	0,53	--
IH36830007/1	32	40	0,3	43,5	3	0,9	130,5	9	0,55	--
IH36830008/1	35	43	0,3	43,5	3	0,9	130,5	9	0,60	--
IH36830009/1	38	47	0,3	43,5	3	0,9	130,5	9	0,73	--
IH36830010/1	40	49	0,3	43,5	3	0,9	130,5	9	0,77	--
IH36830011/1	42	51	0,3	43,5	3	0,9	130,5	9	0,80	--
IH36830012/1	45	54	0,3	43,5	3	0,9	130,5	9	0,85	--
IH36831030/1	48	57	0,3	43,5	3	0,9	130,5	9	0,91	--
IH36830013/1	50	60	0,3	43,5	3	0,9	130,5	9	1,07	--
IH36830014/1	55	65	0,3	43,5	3	0,9	130,5	9	1,17	--
IH36830015/1	60	70	0,3	43,5	3	0,9	130,5	9	1,26	--
IH36831021/1	63,5	74	0,3	43,5	3	0,9	130,5	9	1,38	--
IH36830016/1	65	76	0,3	43,5	3	0,9	130,5	9	1,54	--
IH36830017/1	70	81	0,3	43,5	3	0,9	130,5	9	1,65	--
IH36831031/1	75	86	0,3	43,5	3	0,9	130,5	9	1,75	--
IH36830018/1	80	92	0,3	43,5	3	0,9	130,5	9	2,05	--
IH36830019/1	90	102	0,3	43,5	3	0,9	130,5	9	2,29	--
IH36830020/1	100	113	0,3	43,5	3	0,9	130,5	9	2,63	--
RADIOR L 3 (1 m cut length)										
IH36830121/1	110	120	0,3	43,5	3	0,9	130,5	9	2,28	--

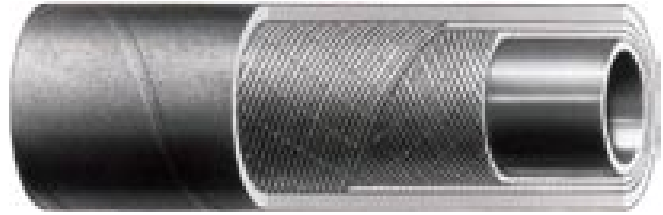
RUBBER HOSE RADIOR DIAM. I.D. mm MADE IN ITALY Parker ITR



THERMOPRESS 10

Hose Construction

- Tube:** Black, smooth, heat resistant, EPDM rubber compound
- Reinforcement:** Synthetic textile fabrics or yarns
- Cover:** Black, smooth, heat, ageing and weather-resistant EPDM rubber compound



Applications

Suitable for delivery of hot water, non-aggressive hot liquids and steam to a maximum temperature of +120 °C (+248 °F). To connect boilers to air conditioning units and for hot water cleaning systems. L = light duty

Temperature Range

-40 °C (-40 °F) to +100 °C (+212 °F), with peaks +120 °C (+248 °F)

Tolerances

According to UNI EN ISO 1307/97

On inside diameter:

- ≤ I.D. 20 mm: ± 0,80 mm
- I.D. 25 - 38 mm: ± 0,79 mm
- > I.D. 38 mm: ± 1,59 mm

On outside diameter:

- ≤ I.D. 20 mm: ± 0,79 mm
- > I.D. 20 mm: ± 1,59 mm

Length tolerance:

± 1%

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
THERMOPRESS 10										
IH36800001/100	10	20,5	1,0	150,0	10	4,0	600,0	40	0,33	100
IH36800002/100	12	22,5	1,0	150,0	10	4,0	600,0	40	0,38	120
IH36800003/80	15	25,5	1,0	150,0	10	4,0	600,0	40	0,44	150
IH36800004/80	18	28,5	1,0	150,0	10	4,0	600,0	40	0,51	180
IH36800005/80	20	30,5	1,0	150,0	10	4,0	600,0	40	0,56	200
IH36800006/40	25	35	1,0	150,0	10	4,0	600,0	40	0,61	250
IH36800007/40	30	41	1,0	150,0	10	4,0	600,0	40	0,79	300
IH36800008/40	35	48	1,0	150,0	10	4,0	600,0	40	1,09	350
IH36800009/40	40	54	1,0	150,0	10	4,0	600,0	40	1,34	400
IH36800010/40	45	61	1,0	150,0	10	4,0	600,0	40	1,71	450
IH36800011/40	50	68	1,0	150,0	10	4,0	600,0	40	2,12	500
IH36800012/40	60	82	1,0	150,0	10	4,0	600,0	40	3,10	600
THERMOPRESS L 10										
IH36800020/40	38	52	1,0	150,0	10	4,0	600,0	40	1,28	380
IH36800013/40	42	54	1,0	150,0	10	4,0	600,0	40	1,16	420

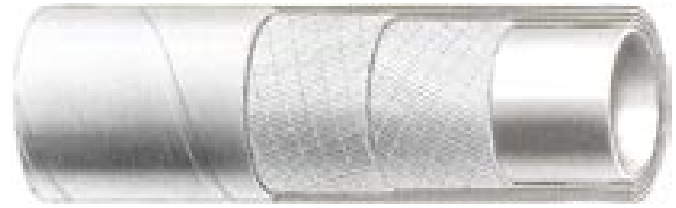
RUBBER HOSE THERMOPRESS 10 bar MADE IN ITALY Parker ITR



TRT 204 WW 10

Hose Construction

- Tube:** White, smooth, EPDM rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** White, smooth, heat, detergent solutions, abrasion, ageing and weather resistant EPDM rubber compound



Applications

Suitable for delivery of hot water and steam, non aggressive hot liquids and detergent solutions. For hot water cleaning systems.

Tolerances

- RMA steel mandrel
- On inside diameter:** ± 0,79 mm
- On outside diameter:**
- I.D. 19 mm: ± 0,79 mm
- I.D. 25 mm: ± 1,59 mm

Temperature Range

-40 °C (-40 °F) to +100 °C (+212 °F), with peaks +120 °C (+248 °F)



IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	Working Pressure			Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36802052/40	19	30	1,0	150,0	10	3,0	450,0	30	0,61	160
IH36802054/40	25	37	1,0	150,0	10	3,0	450,0	30	0,85	200

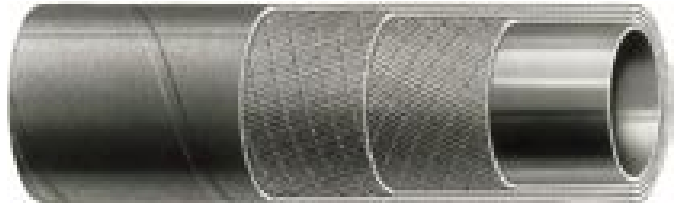
RUBBER HOSE HOT WATER MADE IN ITALY Parker ITR



RADAN DIN (coils)

Hose Construction

- Tube:** Black, smooth, heat resistant EPDM rubber compound
- Reinforcement:** Synthetic textile fabrics yarns
- Cover:** Black, smooth, wrapped finish, heat, ageing and weather-resistant EPDM rubber compound



Applications

Designed for cooling systems of automotive engines and stationary engines and for refrigerant systems.

Temperature Range

-40 °C (-40 °F) to +120 °C (+248 °F)

Tolerances

- On inside diameter:**
- ≤ I.D. 38 mm: ± 0,79 mm
 - > I.D. 38 mm: ± 1,59 mm
- On outside diameter:** ± 1,59 mm
- Length tolerance:** ± 1%

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH42203200/40	10	17	0,3	43,5	3,0	0,9	130,5	9,0	0,17	--
IH42203203/40	12	19	0,3	43,5	3,0	0,9	130,5	9,0	0,19	--
IH42203209/40	13	20	0,3	43,5	3,0	0,9	130,5	9,0	0,21	--
IH42203212/40	15	22	0,3	43,5	3,0	0,9	130,5	9,0	0,23	--
IH42203215/40	16	23	0,3	43,5	3,0	0,9	130,5	9,0	0,24	--
IH42203217/40	18	25	0,3	43,5	3,0	0,9	130,5	9,0	0,27	--
IH42203224/40	20	27	0,3	43,5	3,0	0,9	130,5	9,0	0,29	--
IH42203230/40	22	29	0,3	43,5	3,0	0,9	130,5	9,0	0,32	--
IH42203236/40	25	34	0,3	43,5	3,0	0,9	130,5	9,0	0,36	--
IH42203239/40	28	36	0,3	43,5	3,0	0,9	130,5	9,0	0,43	--
IH42203242/40	30	38	0,3	43,5	3,0	0,9	130,5	9,0	0,46	--
IH42203245/40	32	40	0,3	43,5	3,0	0,9	130,5	9,0	0,48	--
IH42203251/40	35	43	0,3	43,5	3,0	0,9	130,5	9,0	0,52	--
IH42203254/40	38	48	0,3	43,5	3,0	0,9	130,5	9,0	0,76	--
IH42203260/40	40	50	0,3	43,5	3,0	0,9	130,5	9,0	0,79	--
IH42203263/40	42	52	0,3	43,5	3,0	0,9	130,5	9,0	0,83	--
IH42203266/40	45	55	0,3	43,5	3,0	0,9	130,5	9,0	0,88	--
IH42203269/40	48	58	0,3	43,5	3,0	0,9	130,5	9,0	0,93	--
IH42203272/40	50	60	0,3	43,5	3,0	0,9	130,5	9,0	0,97	--

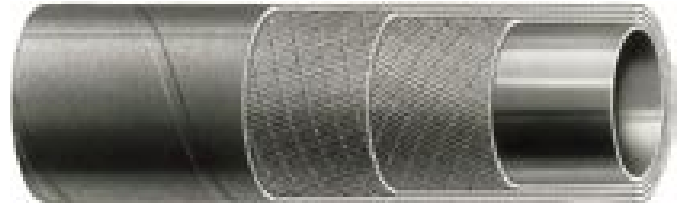
RUBBER HOSE RADAN DIN – I.D. x ... mm – MADE IN ITALY Parker ITR Q/Y



RADAN DIN (cut length)

Hose Construction

Tube:	Black, smooth, heat resistant EPDM rubber compound
Reinforcement:	Synthetic textile fabrics yarns
Cover:	Black, smooth, wrapped finish, heat, ageing and weather-resistant EPDM rubber compound



Applications

Designed for cooling systems of automotive engines and stationary engines and for refrigerant systems.

Temperature Range

-40 °C (-40 °F) to +120 °C (+248 °F)







Tolerances

On inside diameter:	
≤ I.D. 38 mm:	± 0,79 mm
> I.D. 38 mm:	± 1,59 mm
On outside diameter:	
	± 1,59 mm
Length tolerance:	
	± 1%

Packing

Cut lengths are in bundles wrapped in polythene film



IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH42203201/1	10	17	0,3	43,5	3,0	0,9	130,5	9,0	0,17	--
IH42203204/1	12	19	0,3	43,5	3,0	0,9	130,5	9,0	0,19	--
IH42203208/1	13	20	0,3	43,5	3,0	0,9	130,5	9,0	0,21	--
IH42203213/1	15	22	0,3	43,5	3,0	0,9	130,5	9,0	0,23	--
IH42203219/1	18	25	0,3	43,5	3,0	0,9	130,5	9,0	0,27	--
IH42203225/1	20	27	0,3	43,5	3,0	0,9	130,5	9,0	0,29	--
IH42203231/1	22	29	0,3	43,5	3,0	0,9	130,5	9,0	0,32	--
IH42203238/1	25	34	0,3	43,5	3,0	0,9	130,5	9,0	0,36	--
IH42203240/1	28	36	0,3	43,5	3,0	0,9	130,5	9,0	0,43	--
IH42203243/1	30	38	0,3	43,5	3,0	0,9	130,5	9,0	0,46	--
IH42203246/1	32	40	0,3	43,5	3,0	0,9	130,5	9,0	0,48	--
IH42203252/1	35	43	0,3	43,5	3,0	0,9	130,5	9,0	0,52	--
IH42203255/1	38	48	0,3	43,5	3,0	0,9	130,5	9,0	0,76	--
IH42203261/1	40	50	0,3	43,5	3,0	0,9	130,5	9,0	0,79	--
IH42203264/1	42	52	0,3	43,5	3,0	0,9	130,5	9,0	0,83	--
IH42203267/1	45	55	0,3	43,5	3,0	0,9	130,5	9,0	0,88	--
IH42203270/1	48	58	0,3	43,5	3,0	0,9	130,5	9,0	0,93	--
IH42203274/1	50	60	0,3	43,5	3,0	0,9	130,5	9,0	0,97	--

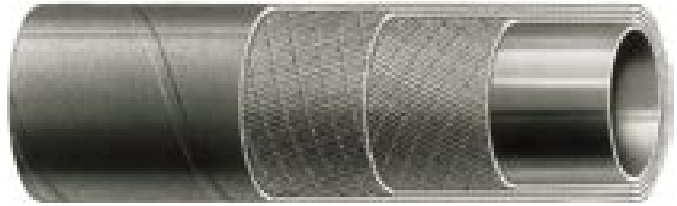
RUBBER HOSE RADAN DIN – I.D. x ... mm – MADE IN ITALY Parker ITR Q/Y



RADAN K 1003

Hose Construction

- Tube:** Black, smooth, heat resistant NBR rubber compound
- Reinforcement:** Synthetic textile fabrics yarns
- Cover:** Black, smooth, wrapped finish, heat, ageing and weather-resistant CR rubber compound



Applications

Designed for heating and cooling systems, resistant to ASTM I/II/III oil up to +100°C (+212°F) with peaks up to +120 °C (+248 °F) and diesel fuel up to +50 °C (+122 °F).

Tolerances

- On inside diameter:**
- ≤ I.D. 38 mm: ± 0,79 mm
 - > I.D. 38 mm: ± 1,59 mm
- On outside diameter:** ± 1,59 mm
- Length tolerance:** ± 1%

Temperature Range

-40 °C (-40 °F) to +100 °C (+212 °F)

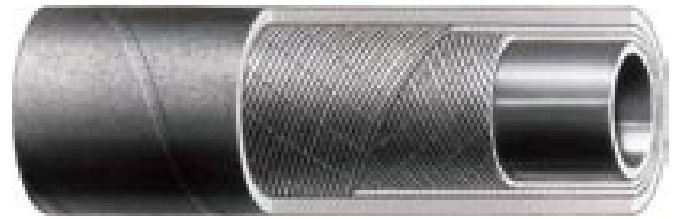
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH42403201/40	10	17	0,5	72,5	5,0	1,5	217,5	15,0	0,17	--
IH42403200/40	12	19	0,5	72,5	5,0	1,5	217,5	15,0	0,20	--
IH42403203/40	15	22	0,5	72,5	5,0	1,5	217,5	15,0	0,24	--
IH42403206/40	18	25	0,5	72,5	5,0	1,5	217,5	15,0	0,28	--
IH42403209/40	20	27	0,5	72,5	5,0	1,5	217,5	15,0	0,31	--
IH42403212/40	22	29	0,5	72,5	5,0	1,5	217,5	15,0	0,34	--
IH42403215/40	25	32	0,5	72,5	5,0	1,5	217,5	15,0	0,38	--
IH42403218/40	28	35	0,5	72,5	5,0	1,5	217,5	15,0	0,42	--
IH42403221/40	30	37	0,5	72,5	5,0	1,5	217,5	15,0	0,44	--
IH42403224/40	32	39	0,5	72,5	5,0	1,5	217,5	15,0	0,47	--
IH42403227/40	35	42	0,5	72,5	5,0	1,5	217,5	15,0	0,51	--
IH42403230/40	38	45	0,5	72,5	5,0	1,5	217,5	15,0	0,55	--
IH42403233/40	40	51	0,5	72,5	5,0	1,5	217,5	15,0	0,94	--
IH42403236/40	42	53	0,5	72,5	5,0	1,5	217,5	15,0	0,99	--
IH42403239/20	45	56	0,5	72,5	5,0	1,5	217,5	15,0	1,05	--
IH42403242/20	50	61	0,5	72,5	5,0	1,5	217,5	15,0	1,15	--
IH42403244/20	55	66	0,5	72,5	5,0	1,5	217,5	15,0	1,29	--
IH42403245/20	60	71	0,5	72,5	5,0	1,5	217,5	15,0	1,36	--
IH42403248/20	65	76	0,5	72,5	5,0	1,5	217,5	15,0	1,46	--
IH42403251/20	70	82	0,5	72,5	5,0	1,5	217,5	15,0	1,72	--
IH42403254/20	75	89	0,5	72,5	5,0	1,5	217,5	15,0	2,16	--
IH42403257/20	80	94	0,5	72,5	5,0	1,5	217,5	15,0	2,29	--
IH42403260/20	90	104	0,5	72,5	5,0	1,5	217,5	15,0	2,56	--
IH42403263/20	100	116	0,5	72,5	5,0	1,5	217,5	15,0	3,26	--

RUBBER HOSE RADAN OEL P50 II MADE IN ITALY Parker ITR Q/Y

VAPORE 164

Hose Construction

- Tube:** Black, smooth, EPM rubber compound. Heat and saturated steam resistant
- Reinforcement:** High resistant synthetic textile fabrics
- Cover:** Black, smooth, EPDM rubber compound. Heat, abrasion, ozone and weather resistant. The cover is pinpricked to prevent blistering and bubbling.



Tolerances

- On inside diameter:**
 ≤ I.D. 35 mm: ± 0,79 mm
 > I.D. 38 mm: ± 1,59 mm
- On outside diameter:** ± 1,59 mm
- Length tolerance:** ± 1%

Applications

Designed for saturated steam (max 6 bar at 164 °C = 85 psi at 327 °F) in general industrial applications.

Temperature Range

-40 °C (-40 °F) to 164 °C (+327 °F)

Recommendations

Use only couplings with safety clamps. Follow the coupling manufacturer's instructions for coupling procedures. Check coupling tightness before every utilisation. Drain after use. When not in use, store the hose on a flat surface (shelves) and never hang from a hook.

Note

Available on request, VAPORE 164 SM with metallic spiral for suction and delivery









WARNING

Steam hoses gradually decrease in their performances during service life. Consequently, they need to be regularly inspected by trained personnel wearing adequate protective cloths overall, including eye protection.

WARNINGS OF DANGER

Cuts and gauges in the hose cover showing the textile reinforcement. Steam leaks. Permanent deformation of hose. Reduction of steam flow. WHEN ONE OF THESE ABNORMALITIES OCCURS, THE HOSE SHOULD BE REMOVED FROM SERVICE AND INSPECTED. If a failure occurs close to the couplings, the damaged hose can be cut recoupled and used as before.

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36800101/40	10	21	0,60	90,0	6,0	6,0	900,0	60,0	0,34	100
IH36800102/40	12	23	0,60	90,0	6,0	6,0	900,0	60,0	0,37	120
IH36800103/40	15	26	0,60	90,0	6,0	6,0	900,0	60,0	0,39	150
IH36800104/40	19	31	0,60	90,0	6,0	6,0	900,0	60,0	0,58	190
IH36800106/40	25	38	0,60	90,0	6,0	6,0	900,0	60,0	0,80	250
IH36800107/40	30	45	0,60	90,0	6,0	6,0	900,0	60,0	1,08	300
IH36802091/40	32	46	0,60	90,0	6,0	6,0	900,0	60,0	1,05	320
IH36800108/40	35	50	0,60	90,0	6,0	6,0	900,0	60,0	1,22	350
IH36800109/40	40	56	0,60	90,0	6,0	6,0	900,0	60,0	1,49	400
IH36800111/40	50	67	0,60	90,0	6,0	6,0	900,0	60,0	1,93	500

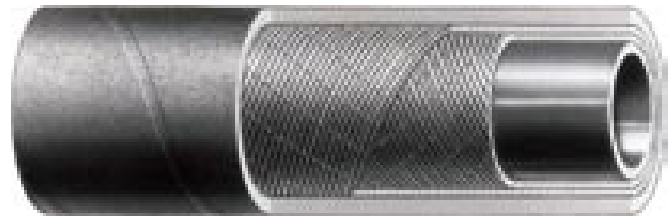
RUBBER HOSE VAPORE - STEAM - DAMPF MADE IN ITALY Parker ITR (embossed)



VAPORE 164 EN ISO 6134 Type 1/A

Hose Construction

- Tube:** Black, smooth, EPM rubber compound, heat and saturated steam resistant
- Reinforcement:** High resistant synthetic textile fabrics
- Cover:** Black or red (NR), smooth, EPDM rubber compound, heat, abrasion, ozone and weather resistant. The cover is pinpricked to prevent blistering and bubbling.



Tolerances

- On inside diameter:**
- ≤ I.D. 38 mm: ± 0,50 mm
- > I.D. 38 mm: ± 0,70 mm
- On outside diameter:**
- ≤ O.D. 48 mm: ± 1,00 mm
- O.D. 54 mm: ± 1,20 mm
- O.D. 69 mm: ± 1,40 mm
- Length tolerance:** ± 1%

Applications

Designed for saturated steam (max 6 bar at 164 °C = 85 psi at 327 °F) in general industrial applications.

Temperature Range

-40 °C (-40 °F) to 164 °C (+327 °F)

Recommendations

Use only couplings with safety clamps. Follow the coupling manufacturer's instructions for coupling procedures. Check coupling tightness each time before use. Drain after use. When not in use, store the hose on a flat surface (shelves) and never hang from a hook.

WARNING

Steam hoses gradually decrease in performance during service life. Consequently, they need to be regularly inspected by trained personnel wearing adequate protective overalls, including eye protection.

WARNINGS OF DANGER

Cuts and gouges in the hose cover showing the textile reinforcement. Steam leaks. Permanent deformation of hose. Reduction of steam flow. WHEN ONE OF THESE ABNORMALITIES OCCURS, THE HOSE SHOULD BE REMOVED FROM SERVICE AND INSPECTED. If a failure occurs close to the couplings, the damaged hose can be cut, reconnected and used as before.

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
VAPORE 164 EN ISO 6134 Type 1/A										
IH36800098/40	10	21	0,6	90,0	6	6,0	900,0	60	0,29	100
IH36800088/40	13	24	0,6	90,0	6	6,0	900,0	60	0,35	130
IH36800089/40	15	26	0,6	90,0	6	6,0	900,0	60	0,39	150
IH36800090/40	19	33	0,6	90,0	6	6,0	900,0	60	0,70	240
IH36800091/40	25	40	0,6	90,0	6	6,0	900,0	60	0,92	300
IH36800092/40	32	48	0,6	90,0	6	6,0	900,0	60	1,11	400
IH36800093/40	38	54	0,6	90,0	6	6,0	900,0	60	1,42	500
IH36800096/40	51	69	0,6	90,0	6	6,0	900,0	60	2,07	650
VAPORE 164 NR EN ISO 6134 Type 1/A										
IH36800138/40	10	21	0,6	90,0	6	6,0	900,0	60	0,30	100
IH36800140/40	13	24	0,6	90,0	6	6,0	900,0	60	0,35	130
IH36800141/40	15	26	0,6	90,0	6	6,0	900,0	60	0,39	150
H36800130/40	19	33	0,6	90,0	6	6,0	900,0	60	0,70	190
IH36800131/40	25	40	0,6	90,0	6	6,0	900,0	60	0,92	250
H36800132/40	32	48	0,6	90,0	6	6,0	900,0	60	1,11	320
IH36800133/40	38	54	0,6	90,0	6	6,0	900,0	60	1,42	380
IH36800136/40	51	69	0,6	90,0	6	6,0	900,0	60	2,07	500

RUBBER HOSE VAPORE STEAM DAMPF EN ISO 6134 - 1/A 6 bar 164°C - I.D. mm Ω Q/Y MADE IN ITALY Parker ITR

VIGOR 1 EN ISO 6134 Type 2/A

Hose Construction

- Tube:** Black, smooth, IIR rubber compound. Heat and saturated steam resistant
- Reinforcement:** Two braids of high-tensile steel wire
- Cover:** Black, smooth, IIR/EPDM rubber compound. Heat, abrasion, ozone and weather resistant. The cover is pinpricked to prevent blistering and bubbling.



Tolerances

- On inside diameter:** ± 0,5 mm
- On outside diameter:** ± 1,00 mm

Recommendations

Use only couplings with safety clamps. Follow the coupling manufacturer's instructions for coupling procedures. Check coupling tightness before every utilisation. Drain after use. When not in use, store the hose on a flat surface (shelves) and never hang from a hook.

Applications

Design for high pressure saturated steam (max 18 bar at 210 °C = 261 psi at 410 °F). Suitable for loading saturated and superheated steam in cleaning and sterilization applications, petrochemical industry and general steam service applications.

Temperature Range

-40 °C (-40 °F) to 210 °C (+410 °F)
with peaks up to +220 °C (+435 °F)

WARNING

Steam hoses gradually decrease in their performances during service life. Consequently, they need to be regularly inspected by trained personnel wearing adequate protective cloths overall, including eye protection.

WARNINGS OF DANGER

Cuts and gauges in the hose cover showing the steel reinforcement. Steam leaks. Permanent deformation of hose. Reduction of steam flow. WHEN ONE OF THESE ABNORMALITIES OCCURS, THE HOSE SHOULD BE REMOVED FROM SERVICE AND INSPECTED. If a failure occurs close to the couplings, the damaged hose can be cut recoupled and used as before.

Part Number / Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36801593/0	13	25	1,8	261,0	18,0	18,0	2610,0	180,0	0,60	200
IH36801594/0	15,7	30	1,8	261,0	18,0	18,0	2610,0	180,0	0,70	225
IH36801595/0	18,8	32,5	1,8	261,0	18,0	18,0	2610,0	180,0	0,83	250
IH36801596/0	25	39,5	1,8	261,0	18,0	18,0	2610,0	180,0	1,00	300

RUBBER HOSE VIGOR 1 - EN ISO 6134 - 2A - STEAM - 18 bar – 210 °C - I.D. mm - Ω - MADE IN ITALY Parker ITR Q/Y with traceability



VIGOR 2 EN ISO 6134 Type 2/A

Hose Construction

- Tube:** Black, smooth, EPDM rubber compound, heat and saturated steam resistant
- Reinforcement:** High tensile steel cords
- Cover:** Black or red (NR), smooth, EPDM rubber compound, heat, abrasion, ozone and weather resistant. The cover is pinpricked to prevent blistering and bubbling.



Applications

Design for high pressure saturated steam (max 18 bar at 210 °C = 261 psi at 410 °F). Suitable for the petrochemical industry and general steam service applications.

Temperature Range

-40 °C (-40 °F) to 210 °C (+410 °F)

Tolerances

- On inside diameter:**
 ≤ I.D. 38 mm: ± 0,5 mm
 > I.D. 38 mm: ± 0,7 mm
- On outside diameter:**
 ≤ O.D. 48 mm: ± 1,00 mm
 O.D. 54 mm: ± 1,2 mm
 O.D. 69 mm: ± 1,4 mm

Recommendations

Use only couplings with safety clamps. Follow the coupling manufacturer's instructions for coupling procedures. Check coupling tightness each time before use. Drain after use. When not in use, store the hose on a flat surface (shelves) and never hang from a hook.

WARNING

Steam hoses gradually decrease in performance during service life. Consequently, they need to be regularly inspected by trained personnel wearing adequate protective overalls, including eye protection.

WARNINGS OF DANGER

Cuts and gouges in the hose cover showing the textile reinforcement. Steam leaks. Permanent deformation of hose. Reduction of steam flow. WHEN ONE OF THESE ABNORMALITIES OCCURS, THE HOSE SHOULD BE REMOVED FROM SERVICE AND INSPECTED. If a failure occurs close to the couplings, the damaged hose can be cut, reconnected and used as before.

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
VIGOR/2 EN ISO 6134										
IH36801700/40	13	25	1,8	261,0	18	18,0	2610,0	180	0,50	180
IH36801701/40	16	30	1,8	261,0	18	18,0	2610,0	180	0,70	200
IH36801702/40	19	33	1,8	261,0	18	18,0	2610,0	180	0,77	240
IH36801703/40	25	40	1,8	261,0	18	18,0	2610,0	180	1,06	300
IH36801704/40	32	48	1,8	261,0	18	18,0	2610,0	180	1,39	400
IH36801705/40	38	54	1,8	261,0	18	18,0	2610,0	180	1,60	500
IH36801706/40	51	69	1,8	261,0	18	18,0	2610,0	180	2,56	650
VIGOR/2 NR EN ISO 6134										
IH36801720/40	13	25	1,8	261,0	18	18,0	2610,0	180	0,51	180
IH36801721/40	16	30	1,8	261,0	18	18,0	2610,0	180	0,70	200
IH36801722/40	19	33	1,8	261,0	18	18,0	2610,0	180	0,79	240
IH36801723/40	25	40	1,8	261,0	18	18,0	2610,0	180	1,06	300
IH36801724/40	32	48	1,8	261,0	18	18,0	2610,0	180	1,41	400
IH36801725/40	38	54	1,8	261,0	18	18,0	2610,0	180	1,62	500
IH36801726/40	51	69	1,8	261,0	18	18,0	2610,0	180	2,59	650

RUBBER HOSE VIGOR 2 EN ISO 6134 2/A STEAM 18 bar 210 °C I.D. mm Ω Q/Y MADE IN ITALY Parker ITR



Gas Hoses



Parker's gas and welding hoses are manufactured according to the more important standards. As welding applications can be hazardous and safety is of the highest importance, it is essential that gas welding hoses are approved by the major European qualifying institutes such as IMQ and DVGW.





▶ **Welding Gas**



AUTOGENE EN 559
BI-PRESS EN 559
SAFETYPRESS

Designed for delivery of acetylene and oxygen according to EN 559.
Available twinned (BIPRESS) and with self extinguisher cover and tube according to ITR specifications (SAFETYPRESS)

▶ **Domestic Gas**



CARBO G NW/L 10 NB/R10

Suitable for delivery of gas and LPG in domestic applications.
According to standards IMQ-UNI 7140.

▶ **Industrial Gas**



INERPRESS EN 559 N/L 20

Designed for delivery of inert gases: air, nitrogen, argon, CO₂.
According to EN 559 standard.



PROPANPRESS EN 559 NA/L 20
PROPANDIN NA/L 6 - 30
PROPAN BS 3212/2 NA/L 20
PROPANPRESS UL-21 N/L

Suitable for delivery of gas and LPG in industrial applications.
According to standards:

- DVGW - DIN 4815 = PROPANDIN (orange)
- EN 559 = PROPANPRESS EN 559 (orange)
- UL-21 = PROPANPRESS UL-21 (black)
- BS 3212/2 = PROPAN BS (orange)

G – Gas Hose

Welding Gas

AUTOGENE EN 559 NR/ - NB/L - R 20	▶	G4
BI-PRESS EN 559 B-R/L 20	▶	G5
SAFETYPRESS 15 - 25	▶	G6

Domestic Gas

CARBO G NW/L 10 - NB/R 10	▶	G7
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Industrial Gas

INERPRESS EN 559 N/L 20	▶	G8
PROPANPRESS EN 559 NA/L 20	▶	G9
PROPANDIN NA/L 6 - 30	▶	G10
PROPAN BS 3212/2 NA/L 20	▶	G11
PROPANPRESS UL-21 N/L	▶	G12

A



B



C



D



E



F



G



H



I



J



K



L



M



N



O



P

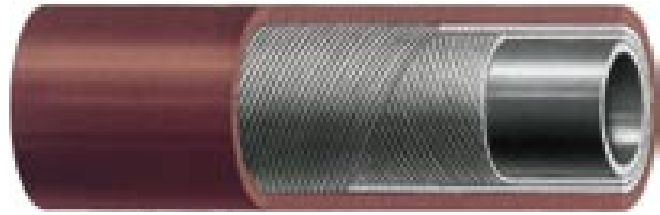


Q

AUTOGENE EN 559 NR/ - NB/L 20

Hose Construction

- Tube:** Black, smooth SBR rubber compound, resistant to Welding Gases and not suitable for LPG, good resistance to ignition
- Reinforcement:** Synthetic textile yarns
- Cover:** Smooth (L) or ribbed (R), red (NR) or blue (NB), SBR/EPDM rubber compound resistant to abrasion, ageing, hot surfaces and incandescent particles



Tolerances EN 559

- On inside diameter:**
 ≤ I.D. 6,3 mm: ± 0,55 mm
 I.D. 6,3 - 10 mm: ± 0,65 mm
- Length tolerance:** ± 1%

Applications







Designed for delivery of welding and allied process gases.

Temperature Range

-25 °C (-13 °F) to +80 °C (+176 °F)

Important!

Welding applications can be hazardous.
 Please take all the necessary safety precautions.

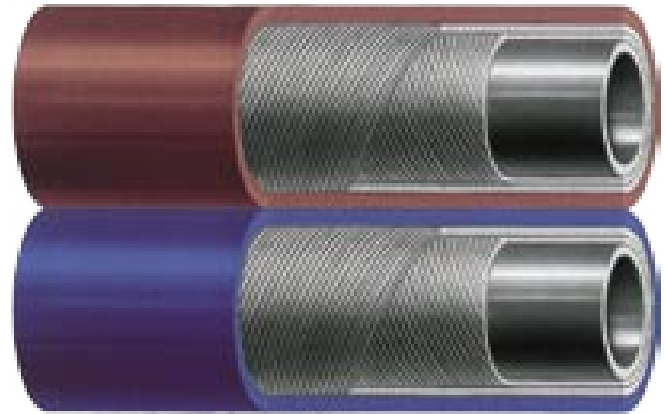
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
AUTOGENE EN 559 NR/L 20										
IH30412900/40	5	12	2,0	300,0	20	6,0	900,0	60	0,13	40
IH30412900/100	5	12	2,0	300,0	20	6,0	900,0	60	0,13	40
IH30412803/40	6,3	13,3	2,0	300,0	20	6,0	900,0	60	0,15	40
IH30412803/100	6,3	13,3	2,0	300,0	20	6,0	900,0	60	0,15	40
IH30412806/40	6,3	16,3	2,0	300,0	20	6,0	900,0	60	0,25	40
IH30412806/100	6,3	16,3	2,0	300,0	20	6,0	900,0	60	0,25	40
IH30412914/100	8	15	2,0	300,0	20	6,0	900,0	60	0,17	40
IH30412716/40	9	16	2,0	300,0	20	6,0	900,0	60	0,19	45
IH30412716/100	9	16	2,0	300,0	20	6,0	900,0	60	0,19	45
IH30413221/40	10	17	2,0	300,0	20	6,0	900,0	60	0,20	50
IH30413221/100	10	17	2,0	300,0	20	6,0	900,0	60	0,20	50
AUTOGENE EN 559 NB/L 20										
IH30412901/40	5	12	2,0	300,0	20	6,0	900,0	60	0,13	40
IH30412901/100	5	12	2,0	300,0	20	6,0	900,0	60	0,13	40
IH30412703/40	6,3	13,3	2,0	300,0	20	6,0	900,0	60	0,15	40
IH30412703/100	6,3	13,3	2,0	300,0	20	6,0	900,0	60	0,15	40
IH30412706/40	6,3	16,3	2,0	300,0	20	6,0	900,0	60	0,25	40
IH30412915/100	8	15	2,0	300,0	20	6,0	900,0	60	0,17	40
IH30412707/40	9	16	2,0	300,0	20	6,0	900,0	60	0,19	45
IH30412707/100	9	16	2,0	300,0	20	6,0	900,0	60	0,19	45
IH30413220/40	10	17	2,0	300,0	20	6,0	900,0	60	0,20	50
IH30413220/100	10	17	2,0	300,0	20	6,0	900,0	60	0,20	50
AUTOGENE EN 559 NR/R 20										
IH30412921/80	5	12	2,0	300,0	20	6,0	900,0	60	0,13	40
IH30412921/100	5	12	2,0	300,0	20	6,0	900,0	60	0,13	40
IH30412710/40	6,3	13,3	2,0	300,0	20	6,0	900,0	60	0,15	40
IH30412905/40	8	15	2,0	300,0	20	6,0	900,0	60	0,17	40
IH30412905/100	8	15	2,0	300,0	20	6,0	900,0	60	0,17	40
IH30412911/40	10	17	2,0	300,0	20	6,0	900,0	60	0,20	50
IH30412911/80	10	17	2,0	300,0	20	6,0	900,0	60	0,20	50
IH30412911/100	10	17	2,0	300,0	20	6,0	900,0	60	0,20	50
AUTOGENE EN 559 NB/R 20										
IH30412922/80	5	12	2,0	300,0	20	6,0	900,0	60	0,13	40
IH30412922/100	5	12	2,0	300,0	20	6,0	900,0	60	0,13	40
IH30412712/40	6,3	13,3	2,0	300,0	20	6,0	900,0	60	0,15	40
IH30412712/100	6,3	13,3	2,0	300,0	20	6,0	900,0	60	0,15	40
IH30412906/40	8	15	2,0	300,0	20	6,0	900,0	60	0,17	40
IH30412906/50	8	15	2,0	300,0	20	6,0	900,0	60	0,17	40
IH30412906/80	8	15	2,0	300,0	20	6,0	900,0	60	0,17	40
IH30412913/40	10	17	2,0	300,0	20	6,0	900,0	60	0,20	50
IH30412913/80	10	17	2,0	300,0	20	6,0	900,0	60	0,20	50
IH30412913/100	10	17	2,0	300,0	20	6,0	900,0	60	0,20	50

RUBBER HOSE – EN 559 – 2 MPa (20 bar) – I.D. MADE IN ITALY – Parker ITR (Year with traceability code)

BIPRESS EN 559 B-R/L 20

Hose Construction

- Tube:** Black, smooth SBR rubber compound, resistant to Welding Gases
- Reinforcement:** Synthetic textile yarns
- Cover:** Red and blue, ageing and abrasion-resistant, smooth SBR/EPDM rubber compound



Applications

A dual line hose designed for Welding Gas equipment, cutting and allied processes.

Temperature Range

-25 °C (-13 °F) to +80 °C (+176 °F)







Tolerances UNI EN ISO 1307/97

- On inside diameter:**
 - ≤ I.D. 5 mm: ± 0,60 mm
 - > I.D. 5 mm: ± 0,80 mm
- Length tolerance:** ± 1%

Important!

Welding applications can be hazardous. Please take all the necessary safety precautions.



IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30401102/100	4+4	11	2,0	300,0	20	6,0	900,0	60	0,23	--
IH30401103/100	5+5	12	2,0	300,0	20	6,0	900,0	60	0,25	--
IH30401107/40	6,3+6,3	13	2,0	300,0	20	6,0	900,0	60	0,29	--
IH30401107/100	6,3+6,3	13	2,0	300,0	20	6,0	900,0	60	0,29	--
IH30401106/40	6,3+9	16	2,0	300,0	20	6,0	900,0	60	0,43	--
IH30401108/50	8+8	15	2,0	300,0	20	6,0	900,0	60	0,34	--
IH30401108/100	8+8	15	2,0	300,0	20	6,0	900,0	60	0,34	--
IH30401110/100	8+9	16	2,0	300,0	20	6,0	900,0	60	0,40	--
IH30401111/40	9+9	16	2,0	300,0	20	6,0	900,0	60	0,38	--
IH30401111/100	9+9	16	2,0	300,0	20	6,0	900,0	60	0,38	--
IH30401112/100	10+10	17	2,0	300,0	20	6,0	900,0	60	0,46	--

RUBBER HOSE – EN 559 – 2 MPa (20 bar) – I.D. MADE IN ITALY – Parker ITR – (Year with traceability code)

RUBBER HOSE – EN 559 – 2 MPa (20 bar) – I.D. MADE IN ITALY – Parker ITR – (Year with traceability code)

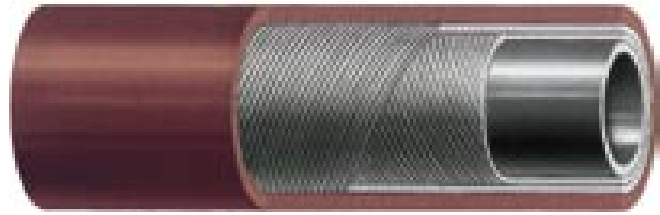
SAFETYPRESS® 15-25

Hose Construction

Tube: Black, self-extinguishing, smooth CR rubber compound

Reinforcement: Synthetic textile yarns

Cover: Blue (NB) or red (NR), smooth CR rubber compound, self-extinguishing, resistant to abrasion, ageing, heat, oils and fuels, grease and weathering. Test according to ASTM D 2863 shows that with ambient oxygen concentration - 32% there is no flame propagation. Normal ambient oxygen concentration is 21%.



Tolerances

UNI EN ISO 1307/97

On inside diameter: ± 0,80 mm

Length tolerance: ± 1%

Important!







Welding applications can be hazardous. Please take all the necessary safety precautions.

Applications

Particularly designed for oxygen-acetylene welding and metal cutting equipment. The hose is used in industries and ship building where heavy duty applications and high safety precautions are a must.

Temperature Range

-30 °C (-22 °F) to +100 °C (+212 °F)
with peaks to 130 °C (+266 °F)

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
SAFETYPRESS NR /L15										
IH30414002/100	8	15	1,5	217,5	15	4,5	652,5	45	0,19	50
IH30414003/100	10	17	1,5	217,5	15	4,5	652,5	45	0,22	60
IH30414107/100	13	21	1,5	217,5	15	4,5	652,5	45	0,32	80
SAFETYPRESS NR /L25										
IH30414103/100	10	19	2,5	362,5	25	7,5	1087,5	75	0,31	60
SAFETYPRESS NB/L 25										
IH30414102/100	8	17	2,5	362,5	25	7,5	1087,5	75	0,26	50
IH30414104/100	10	19	2,5	362,5	25	7,5	1087,5	75	0,31	60
IH30414106/100	13	23	2,5	362,5	25	7,5	1087,5	75	0,42	80

RUBBER HOSE SAFETYPRESS W.P. bar MADE IN ITALY – Parker ITR

CARBO G NW/L 10 - NB/R 10

ACCORDING TO SPEC. UNI 7140 AND
COSTANTLY TESTED BY IMQ
(ITALIAN INSTITUTE OF QUALITY APPROVAL)



Hose Construction

- Tube:** Black, smooth NBR/SBR rubber compound, suitable for Domestic Gas
- Reinforcement:** Synthetic textile yarns
- Cover:** White (NW) or blue (NB), ageing-resistant, smooth (/L) or ribbed (/R) SBR/EPDM rubber compound

Tolerances

- UNI 7140
- On inside diameter:** ± 0,50 mm
- Length tolerance:** ± 1%

Applications

Connection of household appliances to the gas line (NW/L) or to LPG bottles (NB/R).

Fittings

The hose is suitable for standard fittings. Fittings according to UNI 7141 are recommended.







Temperature Range

-20 °C (-4 °F) to +90 °C (+194 °F)

Note

Other cover colours available on request. CARBO G for household appliances must be replaced within the year shown by the branding, according to UNI 7140



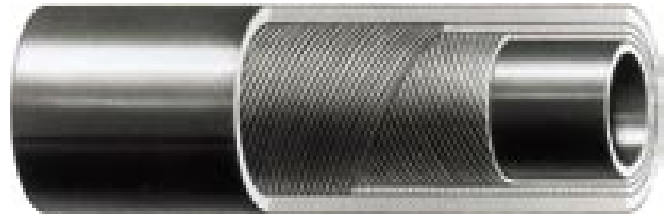
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
CARBO G NB/R 10										
IH30551594/100	8	13	1,0	150,0	10	3,0	450,0	30	0,13	33
CARBO G N/R 10										
IH30551599/100	8	13	1,0	150,0	10	3,0	450,0	30	0,13	33
CARBO G NW/L 10										
IH30551600/100	13	20	1,0	150,0	10	3,0	450,0	30	0,29	51

CARBO G UNI 7140 – I.D. – IMQ – DA SOSTITUIRE ENTRO IL ... - MADE IN ITALY - Parker ITR

INERPRESS EN 559 N/L 20

Hose Construction

- Tube:** Black, smooth SBR rubber compound, resistant to inert gases. Not suitable for LPG
- Reinforcement:** Synthetic textile yarns
- Cover:** Smooth (/L), SBR/EPDM rubber compound resistant to abrasion, ageing



Applications

Designed for delivery of inert gases.

Temperature Range

-25 °C (-13 °F) to +80 °C (+176 °F)

Tolerances







EN 559

On inside diameter:

≤ I.D. 6,3 mm: ± 0,55 mm

> I.D. 6,3 mm: ± 0,65 mm

Length tolerance: ± 1%

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30413600/100	5	12	2,0	300,0	20	6,0	900,0	60	0,13	40
IH30412940/40	6,3	13,3	2,0	300,0	20	6,0	900,0	60	0,17	40
IH30412940/80	6,3	13,3	2,0	300,0	20	6,0	900,0	60	0,17	40
IH30413603/40	8	15	2,0	300,0	20	6,0	900,0	60	0,17	40
IH30413603/80	8	15	2,0	300,0	20	6,0	900,0	60	0,17	40
IH30412941/40	10	17	2,0	300,0	20	6,0	900,0	60	0,20	50
IH30412941/80	10	17	2,0	300,0	20	6,0	900,0	60	0,20	50

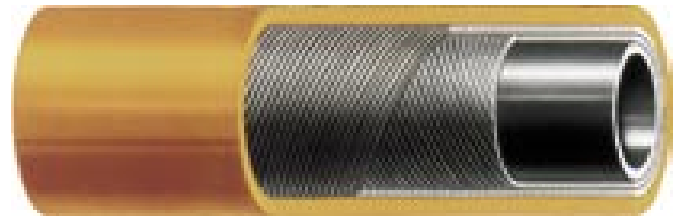
RUBBER HOSE – EN 559 – 2 MPa (20 bar) – I.D. MADE IN ITALY – Parker ITR (Year with traceability code)

PROPANPRESS EN 559 NA/L20

ACCORDING TO: EN 559

Hose Construction

- Tube:** Black, LPG resistant smooth NBR rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Orange, smooth PVC/NBR rubber compound resistant to ageing and weathering, pin-pricked cover to prevent blisters during use



Applications

Suitable for LPG in industrial applications.

Temperature Range

-25 °C (-13 °F) to +70 °C (+158 °F)

Tolerances







EN 559

On inside diameter:

≤ I.D. 6,3 mm: ± 0,55 mm

> I.D. 6,3 mm: ± 0,65 mm

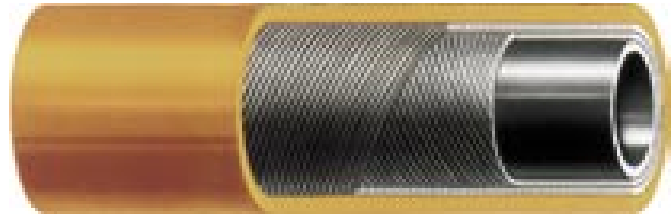
Length tolerance: ± 1%

IHXXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30413456/100	6,3	13,3	2,0	300,0	20	6,0	900,0	60	0,16	50
IH30413457/100	8	15	2,0	300,0	20	6,0	900,0	60	0,18	65
IH30413459/100	8,5	16	2,0	300,0	20	6,0	900,0	60	0,21	70
IH30413458/100	10	17	2,0	300,0	20	6,0	900,0	60	0,22	80

RUBBER HOSE PROPANPRES EN 559-2 MPa (20 bar) - Parker ITR - MADE IN ITALY - (Year with traceability code)

PROPANDIN NA/L 6 - 30

IN COMPLIANCE WITH DIN 4815 TEIL 1
APPROVAL DVGW



Hose Construction

- Tube:** Black, LPG resistant, smooth NBR rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Orange, ageing-resistant, flame-retarding, smooth NBR/PVC rubber compound

Tolerances

- DIN 4815 Teil 1
- On inside diameter:** ± 0,50 mm
- On wall thickness:** ± 0,40 mm
- Length tolerance:** ± 1%

Applications

Suitable for delivery of butane, propane and gases for domestic appliances.

Fittings







The hose is suitable for standard and DIN 74325 fittings.

Temperature Range

-20 °C (-4 °F) to +70 °C (+158 °F)

Note

Available on request according to Danish norm under reference PROPADAN NA/L 6 N.D. mm 11x18 Approved by DGP (Danish Governmental Gas Institute).

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
PROPANDIN NA/L 6										
IH30410420/40	4	11	0,6	90,0	6	1,8	270,0	18	0,12	55
IH30410421/40	6,3	13,3	0,6	90,0	6	1,8	270,0	18	0,15	66,5
IH30410422/40	9,5	16,5	0,6	90,0	6	1,8	270,0	18	0,20	85
PROPANDIN NA/L 30										
IH30413491/40	4	12	3,0	450,0	30	9,0	1305,0	90	0,15	55
IH30413492/40	6,3	16,3	3,0	450,0	30	9,0	1305,0	90	0,26	66,5

YEAR/YEAR DIN DVGW REG. NR. NG-4603 AQ1420 P53 I.D. W.P. 6 bar MADE IN ITALY Parker ITR

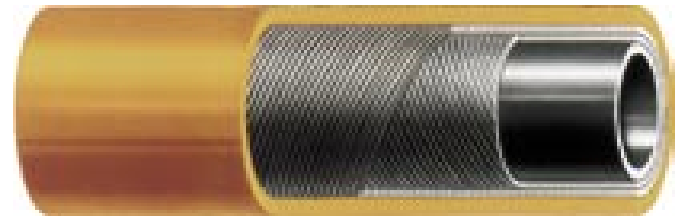
DIN DVGW REG. NR. 95,01 C254 P53 I.D. MADE IN ITALY Parker ITR

PROPAN BS 3212/2 NA/L 20

HOSES ACCORDING TO BS 3212 TYPE 2

Hose Construction

- Tube:** Black, smooth NBR/SBR rubber compound resistant to propane, butane and a mixture (LPG) of the two.
- Reinforcement:** Synthetic textile yarns
- Cover:** Orange, smooth NBR/PVC rubber compound resistant to ageing, abrasion and weathering



Tolerances

According to BS 3212 Type 2

On inside diameter:

I.D. 6,3 mm: ± 0,60 mm

> I.D. 6,3 mm: ± 0,80 mm

Length tolerance: ± 1%







Applications

Designed for use in LPG vapour phase and LPG/air installation for applications not exceeding 17,5 bar working pressure.

Temperature Range

-25 °C (-13 °F) to +60 °C (+140 °F)



Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30412099/50	6,3	15	1,75	253,75	17,5	5,2	754,0	52	0,22	75
IH30412100/100	8	16	1,75	253,75	17,5	5,2	754,0	52	0,22	80
IH30412101/100	10	18,5	1,75	253,75	17,5	5,2	754,0	52	0,28	90

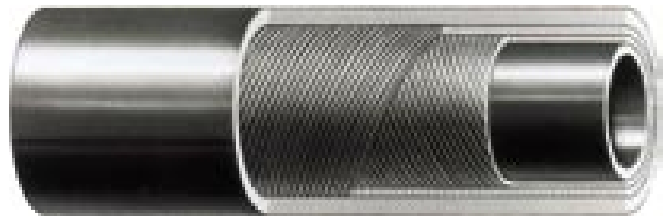
RUBBER HOSE BS 3212/2 I.D. mm HIGH PRESSURE LPG - MADE I ITALY - Parker ITR (Year month with traceability code)

PROPANPRESS UL - 21 N/L

HOSES ACCORDING TO UL – 21 LP-GAS HOSE

Hose Construction

- Tube:** Black, smooth CR rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Black, smooth, CR rubber compound. Flame retardant. LPG, oils, abrasion, ozone, weather resistant



Applications







Flexible hose designed for conveying LPG in industrial applications. Not suitable for automotive applications.

Tolerances

- On inside diameter:** ± 0,80 mm
- On outside diameter:** ± 1,00 mm
- Length tolerance:** ± 1%

Temperature Range

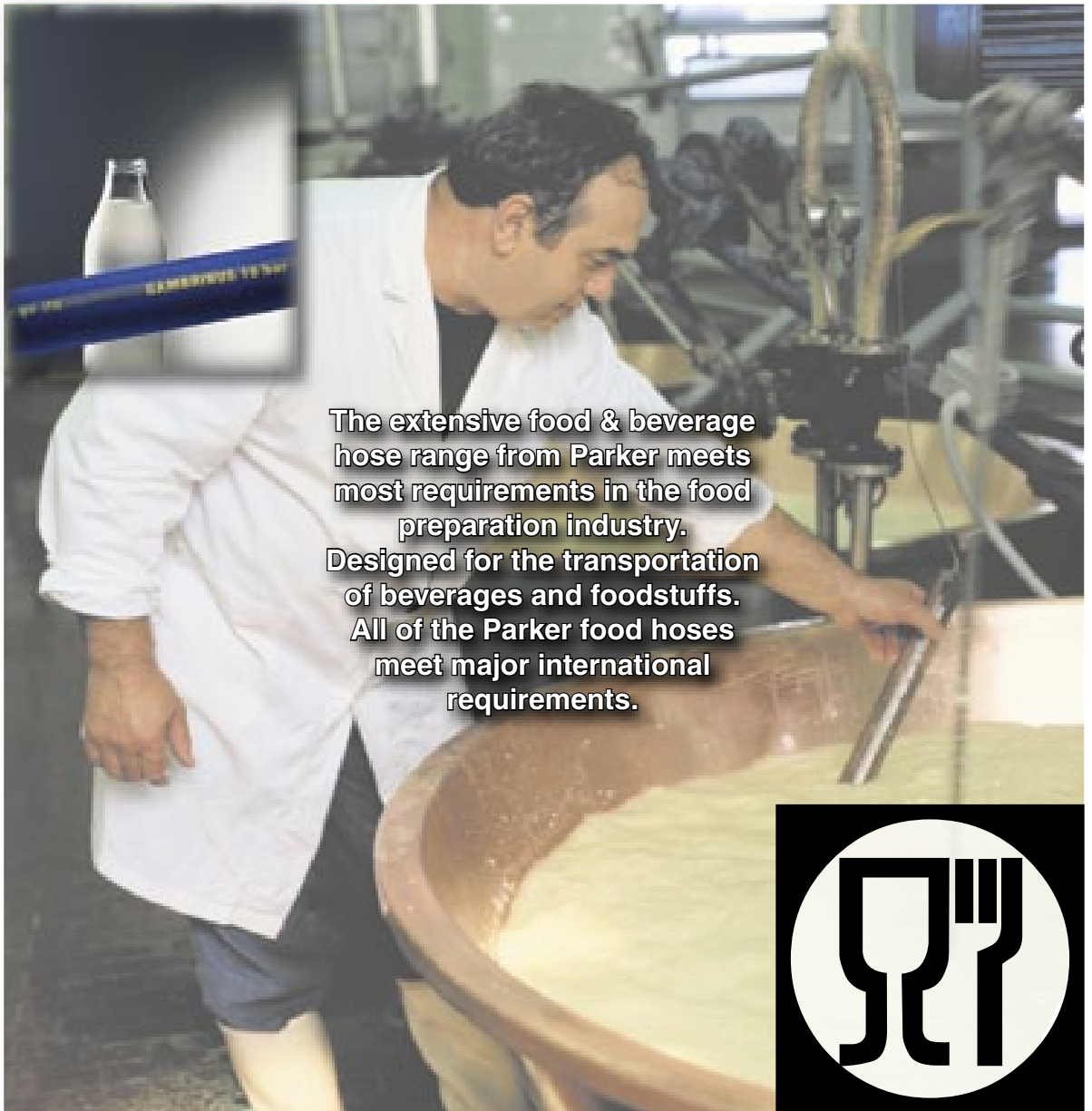
-40 °C (-40 °F) to +60 °C (+140 °F)

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30412110/100	6,3	15	2,4	348,0	24	12,1	1754,5	121	0,22	65

RUBBER LPG HOSE – PROPANPRES UL 21 – MWP 350 psi/2400 kPa – MADE IN ITALY – Parker ITR
Month/Year with traceability code



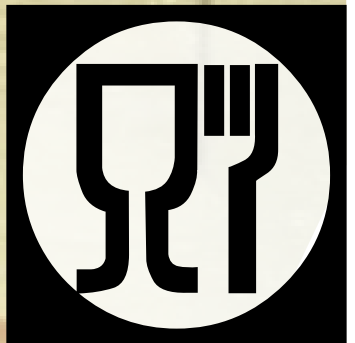
Beverage and Food Hoses



The extensive food & beverage hose range from Parker meets most requirements in the food preparation industry.

Designed for the transportation of beverages and foodstuffs.

All of the Parker food hoses meet major international requirements.



**Foodstuff****DRINKPRESS WB/L 10
GAMBRINUS WB 10 - SM WB 10**

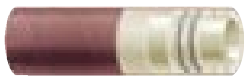
It is recommended for light suction and delivery of all foodstuffs containing animal or vegetable fats such as milk and fruit juices. Conforming to Italian Legislation - D.M.21-3-73 and subsequent improvements, and F.D.A.

**GAMBRINUS UPE WB SM EN 12115**

Suitable for delivery of all foodstuffs containing animal or vegetable fats and oils. Manufactured according to EN 12115 standard, E.U = Directive 90/128 EEC, U.S.A. = F.D.A., Italy = Ministerial Decrees 21-3-73 and 220 of 26-4-93. I.D. from 19 to 100 mm; Working Pressure: 10 -16 bar

**ENOTRIA 10**

Recommended for light suction and delivery of wine, beer, liqueurs and fruit juices. Conforming to Italian Legislation - D.M.21-3-73 and subsequent improvements, and F.D.A.

**FALERNO 10**

Recommended for suction and delivery of wine, beer, liqueurs and fruit juices. Conforming to Italian Legislation - D.M.21-3-73 and subsequent improvements, and F.D.A.

**ALIREX**

Suitable for suction and delivery of fruit juices, wine, beer and liqueurs having an alcohol content of up to 20%. Meets the European Directive 90/128 CEE Class A, B, and C.

**ENOREX PLUS**

Suitable for suction and delivery of fruit juices, wine, beer and liqueurs having an alcohol content of up to 20%. Also used in heavy-duty applications in cellars and docks. Meets the European Directive 90/128 CEE Class A, B, and C.

**ENOREX N.A.**

For suction and delivery of wine, suitable for foodstuffs related to simulators A, B and C of the European Directive 90/128 CEE, when an easy sliding is requested

**APERSPIR**

Suitable for suction and delivery of liquid foodstuffs. Meets the European Directive 90/128 CEE Class A, B, and C.

**VINITRESS**

Suitable for delivery of foodstuffs in accordance with European Directive 90/128 CEE Class A, B and C.

Milk Tanker**MILK SM 46 WB 6**

Recommended for milk tankers.

Bulk Material**RESILO**

Suitable for conveying food in granular or powder form and PVC granulates. FDA approved. Complying with Italian Legislation - D.M.N ° 338 of 22-7-98 for aqueous, acid and alcoholic liquid food.

Fish Pump**ITTIREX**

Suitable for suction and delivery of fish.



H – Beverage and Food Hose

Foodstuff

DRINKPRESS WB/L 10	▶	H4
GAMBRINUS WB 10	▶	H5
GAMBRINUS SM WB 10	▶	H6
GAMBRINUS UPE WB SM EN 12115	▶	H7
ENOTRIA 10	▶	H8
FALERNO 10	▶	H9
ALIREX	▶	H10
ENOREX PLUS	▶	H11
ENOREX N.A.	▶	H12
APERSPIR	▶	H13
VINITRESS	▶	H14

Milk Tanker

MILK SM 46 WB 6	▶	H15
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Bulk Material

RESILO 5	▶	H16
RESILO SM 5	▶	H17

Fish Pump

ITTIREX	▶	H18
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A



B



C



D



E



F



G



H



I



J



K



L



M



N



O



P



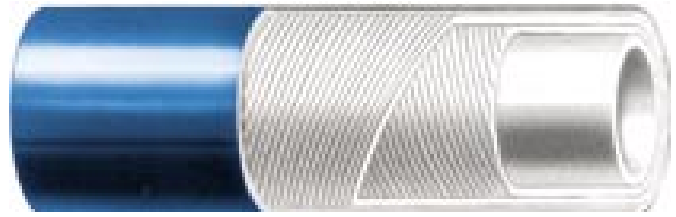
Q



DRINKPRESS WB/L 10

Hose Construction

- Tube:** White colour, non-toxic, smooth NBR/CR/IR rubber compound (conforming to Italian Legislation D.M. 21-3-1973 and to the relevant CEE directive)
- Reinforcement:** Synthetic textile yarns
- Cover:** Blue (WB), smooth. Oils, grease, abrasion and weather-resistant NBR/PVC rubber compound



Applications

Manufactured with taste and odour-free rubber, it is recommended for delivery of all foodstuffs containing animal or vegetable fats and oils as well as beverages such as milk, mineral water, fruit juices, wine and liqueurs (corresponding to the simulators A, B, C and D of D.M. dated 26-4-93). Also suitable for wash-down in food processing plants such as dairies and abattoirs, hot water and detergents.

Temperature Range

-20 °C (+4 °F) to +95 °C (+203 °F)

Tolerances

According to UNI EN ISO 1307/97

On inside diameter:

≤ I.D. 19 mm: ± 0,80 mm

I.D. 25 mm: ± 1,20 mm

Length tolerance: ± 1%

Cleaning

Hose can be washed and sterilised with usual detergents or steam cleaned to a maximum temperature of 120 °C (+248 °F) for short periods.

Recommendations

The hose should be cleaned and left empty after use.

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30240022/40	10	19	1,0	150,0	10	3,0	450,0	30	0,31	80
IH30240020/40	13	23	1,0	150,0	10	3,0	450,0	30	0,42	105
IH30240025/40	16	26	1,0	150,0	10	3,0	450,0	30	0,49	130
IH30240030/40	19	31	1,0	150,0	10	3,0	450,0	30	0,71	150
IH30240035/40	25	39	1,0	150,0	10	3,0	450,0	30	1,05	200

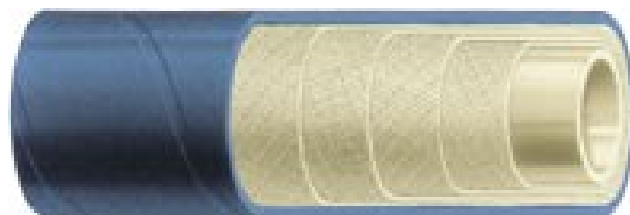
RUBBER HOSE DRINKPRESS D.M. 21.03.73 – MADE IN ITALY – Parker ITR



GAMBRINUS WB 10

Hose Construction

- Tube:** Beige colour, non-toxic, smooth synthetic rubber compound (conforming to Italian Legislation D.M. 21-3-1973 and to the relevant CEE directive)
- Reinforcement:** Synthetic textile fabrics
- Cover:** Blue (WB), abrasion and weather-resistant EPDM rubber compound
On request available in green colour



Suction

light suction 0,3 bar (230 mm Hg)

Tolerances

RMA steel mandrel

On inside diameter:

≤ I.D. 38 mm: ± 0,79 mm

> I.D. 38 mm: ± 1,59 mm

On outside diameter:

± 1,59 mm

Length tolerance: ± 1%

Applications

Manufactured with taste and odour-free rubber, it is recommended for light suction and delivery of all foodstuff containing animal or vegetable fats and oils as well as beverages such as milk, mineral water, beer, and fruit juices, wine and liqueurs (corresponding to the simulators A, B, C and D of D.M. 220 dated 26-4-93).

Temperature Range

-15 °C (+5 °F) to +70 °C (+158 °F)

Cleaning

Hose can be washed and sterilised with usual detergents or steam cleaned to a maximum temperature of 120 °C (+248 °F) for short periods.

Recommendations

The hose should be cleaned and left empty after use.

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
GAMBRINUS WB 10										
IH36242070/40	19	31	1,0	150,0	10	3,0	450,0	30	0,70	190
IH36242071/40	25	39	1,0	150,0	10	3,0	450,0	30	1,03	250
IH36242069/40	30	44	1,0	150,0	10	3,0	450,0	30	1,18	300
IH36242072/40	32	46	1,0	150,0	10	3,0	450,0	30	1,25	320
IH36242074/40	38	54	1,0	150,0	10	3,0	450,0	30	1,67	380
IH36242077/40	40	60	1,0	150,0	10	3,0	450,0	30	2,25	400
IH36242073/40	50	70	1,0	150,0	10	3,0	450,0	30	2,69	500
IH36242152/40	60	80	1,0	150,0	10	3,0	450,0	30	3,10	600
IH36242075/20	65	85	1,0	150,0	10	3,0	450,0	30	3,34	650
IH36242076/20	75	99	1,0	150,0	10	3,0	450,0	30	4,69	750
IH36242155/20	100	125	1,0	150,0	10	3,0	450,0	30	6,34	1000
GAMBRINUS L WB 10										
IH36242150/40	20	29	1,0	150,0	10	3,0	450,0	30	0,57	200

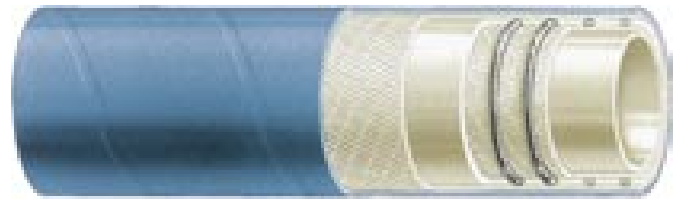
RUBBER HOSE GAMBRINUS 10 bar PER ALIM. – DM 21.03.73 E SUCC. MADE IN ITALY – Parker ITR



GAMBRINUS SM WB 10

Hose Construction

- Tube:** Beige colour, non-toxic, smooth synthetic rubber compound (conforming to Italian Legislation D.M. 21-3-1973 and to the relevant CEE directive)
- Reinforcement:** Synthetic textile fabrics, embedded steel wire helix
- Cover:** Blue (WB), abrasion and weather-resistant EPDM rubber compound



Applications

Manufactured with taste and odour-free rubber, it is recommended for suction and delivery of all foodstuff containing animal or vegetable fats and oils as well as beverages such as milk, mineral water, beer, and fruit juices, wine and liqueurs (corresponding to the simulators A, B, C and D of D.M. 220 dated 26-4-93).

Temperature Range

-15 °C (+5 °F) to +70 °C (+158 °F)

Suction

Max. 0,8 bar (600 mm Hg)

Tolerances

RMA steel mandrel

On inside diameter:

≤ I.D. 38 mm: ± 0,79 mm

> I.D. 38 mm: ± 1,59 mm

Length tolerance: ± 1%

Cleaning

Hose can be washed and sterilised with usual detergents or steam cleaned to a maximum temperature of 120 °C (+248 °F) for short periods.

Recommendations

The hose should be cleaned and left empty after use.

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36242083/40	19	31	1,0	150,0	10	3,0	450,0	30	0,74	115
IH36242084/40	25	36	1,0	150,0	10	3,0	450,0	30	0,92	150
IH36242080/40	30	42	1,0	150,0	10	3,0	450,0	30	1,10	180
IH36242085/40	32	44	1,0	150,0	10	3,0	450,0	30	1,16	190
IH36242060/40	35	47	1,0	150,0	10	3,0	450,0	30	1,25	210
IH36242086/40	38	50	1,0	150,0	10	3,0	450,0	30	1,35	230
IH36242081/40	40	52	1,0	150,0	10	3,0	450,0	30	1,41	240
IH36242026/40	45	56	1,0	150,0	10	3,0	450,0	30	1,49	270
IH36242087/40	50	63	1,0	150,0	10	3,0	450,0	30	1,88	300
IH36242058/40	60	73	1,0	150,0	10	3,0	450,0	30	2,23	360
IH36242090/40	63,5	77	1,0	150,0	10	3,0	450,0	30	2,34	380
IH36242088/20	65	78	1,0	150,0	10	3,0	450,0	30	2,50	390
IH36242028/20	70	84	1,0	150,0	10	3,0	450,0	30	2,95	420
IH36242089/20	75	89	1,0	150,0	10	3,0	450,0	30	3,10	450
IH36242078/20	80	93	1,0	150,0	10	3,0	450,0	30	3,17	480
IH36242013/20	100	116	1,0	150,0	10	3,0	450,0	30	4,61	600

RUBBER HOSE GAMBRINUS 10 bar PER ALIM. – DM 21.03.73 E SUCC. MADE IN ITALY – Parker ITR



GAMBRINUS UPE WB SM EN 12115

MANUFACTURED ACCORDING TO EN 12115

Hose Construction

- Tube:** Smooth, white undercoat, ultra high molecular weight translucent polyethylene (UHMWPE), suitable for foodstuff contact
- Reinforcement:** Synthetic textile fabrics with embedded steel wire helix and copper wire to allow electrical connection between hose and couplings
- Cover:** Blue, abrasion and weather resistant EPDM rubber compound, on request different colour of cover



Applications

Suitable for suction and delivery of all foodstuffs containing animal or vegetable fats and oils as well as beverages such milk, mineral water, fruit juices, wine and liqueurs, etc., according to national and international norms such as:

- U.S.A.: FDA – par. 21 CFR 177,1520
- E.U. : Directive 90/128 EEC, sec. A and subsequent amendments
- Italy: Ministerial Decrees of 21/3/73 and N. 220 of 26/4/93 and subsequent amendments. Other National Food Regulations conformity on request.

Temperature Range

-15 °C (+5 °F) to +70 °C (+158 °F)

Suction

Max. 0,8 bar (600 mm Hg)

Tolerances

On inside diameter:

≤ I.D. 38 mm:	± 0,50 mm
I.D. 50 mm:	± 0,70 mm
> I.D. 50 mm:	± 0,80 mm

On outside diameter:

O.D. 31 - 51 mm:	± 1,00 mm
O.D. 66 - 91 mm:	± 1,20 mm
> O.D. 91 mm:	± 1,60 mm

Length tolerance: ± 1%

Cleaning

Hose can be washed and sterilised with usual detergents or steam cleaned to a maximum temperature of 130 °C (+266 °F) for short periods.

Recommendations

The hose should be cleaned and left empty after use. For severe or special applications, and in case of doubt, please ask for our Technical Assistance.

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36242301/40	19	31	1,6	232,0	16	6,4	928,0	64	0,70	190
IH36242302/40	25	37	1,6	232,0	16	6,4	928,0	64	0,90	225
IH36242303/40	32	44	1,6	232,0	16	6,4	928,0	64	1,20	260
IH36242304/40	38	51	1,6	232,0	16	6,4	928,0	64	1,50	335
IH36242305/40	50	66	1,6	232,0	16	6,4	928,0	64	2,20	410
IH36242306/40	63,5	79	1,6	232,0	16	6,4	928,0	64	2,80	450
IH36242307/20	75	91	1,6	232,0	16	6,4	928,0	64	3,30	525
IH36242309/20	100	116	1,0	150,0	10	4,8	696,0	48	4,70	675

RUBBER HOSE GAMBRINUS UPE-EN 12115 SD – I.D. W.P. B.P. bar - M - Quarter/Year - MADE IN ITALY - Parker ITR



ENOTRIA® 10

Hose Construction

- Tube:** Beige colour, non-toxic, smooth synthetic rubber compound (conforming to Italian Legislation D.M. 21-3-1973 and to the relevant CEE directive)
- Reinforcement:** Synthetic textile fabrics
- Cover:** Red (WR), abrasion and weather-resistant synthetic rubber compound



Applications

Manufactured with taste and odour-free rubber, it is recommended for light suction and delivery of beverages such as milk, mineral water, beer, and fruit juices, wine and liqueurs (corresponding to the simulators A, B and C of D.M. 220 dated 26-4-93).

Temperature Range

-15 °C (+5 °F) to +70 °C (+158 °F)

Suction

light suction 0,3 bar (230 mm Hg)

Tolerances

RMA steel mandrel

On inside diameter:

≤ I.D. 35 mm: ± 0,79 mm

> I.D. 35 mm: ± 1,59 mm

On outside diameter: ± 1,59 mm

Length tolerance: ± 1%

Cleaning

Hose can be washed and sterilised with usual detergents or steam cleaned to a maximum temperature of 120 °C (+248 °F) for short periods.

Recommendations

The hose should be cleaned and left empty after use.

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36222088/40	19	28	1,0	150,0	10	3,0	450,0	30	0,50	190
IH36222090/40	25	34	1,0	150,0	10	3,0	450,0	30	0,62	250
IH36222091/40	30	41	1,0	150,0	10	3,0	450,0	30	0,90	300
IH36222085/40	32	43	1,0	150,0	10	3,0	450,0	30	0,94	320
IH36222092/40	35	48	1,0	150,0	10	3,0	450,0	30	1,24	350
IH36222093/40	40	54	1,0	150,0	10	3,0	450,0	30	1,52	400
IH36222095/40	50	68	1,0	150,0	10	3,0	450,0	30	2,41	500
IH36222096/40	60	81	1,0	150,0	10	3,0	450,0	30	3,34	600
IH36222110/20	65	86	1,0	150,0	10	3,0	450,0	30	3,64	650
IH36222076/20	76	97	1,0	150,0	10	3,0	450,0	30	4,11	760
IH36222098/20	80	101	1,0	150,0	10	3,0	450,0	30	4,29	800
IH36222100/20	100	122	1,0	150,0	10	3,0	450,0	30	5,52	1000

RUBBER HOSE ENOTRIA 10 bar PER ALIM. – DM 21.03.73 E SUCC. ® MADE IN ITALY – Parker ITR



FALERNO® 10

Hose Construction

- Tube:** Beige colour, non-toxic, smooth synthetic rubber compound (conforming to Italian Legislation D.M. 21-3-1973 and to the relevant CEE directive)
- Reinforcement:** Synthetic textile fabrics and embedded steel wire helix
- Cover:** Red (WR), abrasion and weather-resistant EPDM rubber compound



Applications

Manufactured with taste and odour-free rubber, it is recommended for suction and delivery of beverages such as milk, mineral water, beer, and fruit juices, wine and liqueurs (corresponding to the simulators A, B and C of D.M. 220 dated 26-4-93).

Temperature Range

-15 °C (+5 °F) to +70 °C (+158 °F)

Suction

Max. 0,8 bar (600 mm Hg)

Tolerances

RMA steel mandrel

On inside diameter:

≤ I.D. 35 mm: ± 0,79 mm

> I.D. 35 mm: ± 1,59 mm

Length tolerance: ± 1%

Cleaning

Hose can be washed and sterilised with usual detergents or steam cleaned to a maximum temperature of 120 °C (+248 °F) for short periods.

Recommendations

The hose should be cleaned and left empty after use.

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	Working Pressure			Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36220108/40	25	37	1,0	150,0	10	3,0	450,0	30	0,96	150
IH36220109/40	30	42	1,0	150,0	10	3,0	450,0	30	1,11	180
IH36220110/40	35	48	1,0	150,0	10	3,0	450,0	30	1,37	210
IH36220113/40	40	52	1,0	150,0	10	3,0	450,0	30	1,41	240
IH36220114/40	50	63	1,0	150,0	10	3,0	450,0	30	1,88	300
IH36220115/40	60	73	1,0	150,0	10	3,0	450,0	30	2,24	360
IH36220124/20	65	78	1,0	150,0	10	3,0	450,0	30	2,60	390
IH36220119/20	75	89	1,0	150,0	10	3,0	450,0	30	3,12	450
IH36220118/20	80	93	1,0	150,0	10	3,0	450,0	30	3,08	480
IH36220121/20	100	116	1,0	150,0	10	3,0	450,0	30	4,64	600
IH36220136/20	120	141	1,0	150,0	10	3,0	450,0	30	7,00	720

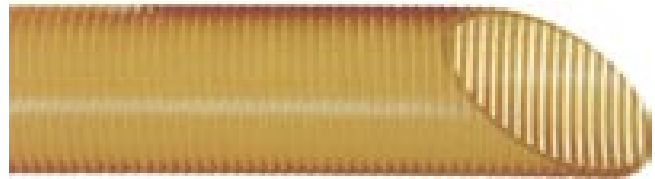
RUBBER HOSE FALERNO 10 bar PER ALIM. – DM 21.03.73 E SUCC. MADE IN ITALY – Parker ITR



ALIREX

Hose Construction

Flexible and light hose having an off-white, rigid PVC spiral embedded in transparent PVC wall.



Applications

For suction and delivery of drinking water, soft drinks, wine, vinegar, milk and liquid foodstuffs in accordance with the European Directive 90/128 CEE Class A, B, and C.

It is also used in wine and beer cellars, dairy farms, food processing and canning factories.

Temperature Range

-10 °C (+14 °F) to +60 °C (+140 °F)

Suction

≤ I.D. 50 mm:	0,80 bar (600 mm Hg)
I.D. 60 – 100 mm:	0,70 bar (530 mm Hg)
I.D. 120 mm:	0,55 bar (420 mm Hg)

Tolerances

On inside diameter:

≤ I.D. 50 mm:	± 0,50 mm
> I.D. 50 mm:	± 1,00 mm

On wall thickness:

± 0,50 mm

Length tolerance:

± 1%

All other technical data are subject to a ± 5% tolerance

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 Wall thickness mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH35610020/50	20	3,0	0,8	116,0	8	2,4	348,0	24	0,21	60
IH35610025/50	25	3,2	0,8	116,0	8	2,4	348,0	24	0,38	75
IH35610030/50	30	3,6	0,7	101,5	7	2,1	304,5	21	0,44	90
IH35612032/50	32	3,7	0,7	101,5	7	2,1	304,5	21	0,50	95
IH35610035/50	35	3,8	0,7	101,5	7	2,1	304,5	21	0,54	105
IH35610040/50	40	3,9	0,6	87,0	6	1,8	261,0	18	0,60	120
IH35610045/50	45	3,9	0,6	87,0	6	1,8	261,0	18	0,70	135
IH35610050/50	50	4,0	0,6	87,0	6	1,8	261,0	18	0,80	150
IH35610060/50	60	4,3	0,5	72,5	5	1,5	217,5	15	1,02	180
IH35610070/50	70	4,5	0,5	72,5	5	1,5	217,5	15	1,17	210
IH35612075/50	75	4,6	0,5	72,5	5	1,5	217,5	15	1,33	225
IH35610080/50	80	4,9	0,5	72,5	5	1,5	217,5	15	1,52	240
IH35612090/50	90	5,2	0,4	58,0	4	1,2	174,0	12	1,80	270
IH35610100/25	100	5,5	0,4	58,0	4	1,2	174,0	12	2,10	400
IH35612120/25	120	6,0	0,3	43,5	3	0,9	130,5	9	2,45	480

ALIREX I.D. mm FOOD QUALITY - 90/128/CEE - Parker ITR



ENOREX PLUS

Hose Construction

Flexible and light hose having a red, rigid PVC spiral embedded in transparent PVC wall.



Applications

For suction and delivery of wine, milk and liquid foodstuffs in accordance with the European Directive 90/128 CEE Class A, B and C.

It is also used in heavy duty applications in cellars, stores and docks for loading and unloading tankers and storage tankers.

Temperature Range

-10 °C (+14 °F) to +60 °C (+140 °F)

Suction

≤ I.D. 50 mm:	0,80 bar (600 mm Hg)
I.D. 60 - 80 mm:	0,70 bar (530 mm Hg)
> I.D. 80 mm:	0,55 bar (420 mm Hg)

Tolerances

On inside diameter:

≤ I.D. 60 mm:	± 0,50 mm
I.D. 70 - 100 mm:	± 0,60 mm
> I.D. 100 mm:	± 0,80 mm

On wall thickness:







≤ I.D. 60 mm:	± 0,30 mm
I.D. 70 - 100 mm:	± 0,40 mm
> I.D. 100 mm:	± 0,50 mm

Length tolerance:

± 1%
All other technical data are subject to a ± 5% tolerance

Note

Available in phthalate-free version

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 Wall thickness mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH35625020/50	20	3,3	1,3	188,5	13	3,9	565,5	39	0,31	80
IH35625025/50	25	3,8	1,3	188,5	13	3,9	565,5	39	0,52	100
IH35625030/50	30	4,1	1,2	174,0	12	3,6	522,0	36	0,65	120
IH35625035/50	35	4,3	1,1	159,5	11	3,3	478,5	33	0,70	140
IH35625040/50	40	4,5	1,1	159,5	11	3,3	478,5	33	0,80	160
IH35625045/50	45	4,7	1,0	150,0	10	3,0	450,0	30	0,95	180
IH35625050/50	50	5,1	1,0	150,0	10	3,0	450,0	30	1,10	200
IH35625060/50	60	5,6	0,9	130,5	9	2,7	391,5	27	1,50	240
IH35625070/50	70	5,8	0,8	116,0	8	2,4	348,0	24	1,80	280
IH35625080/50	80	6,0	0,7	101,5	7	2,1	304,5	21	2,10	320
IH35625100/25	100	7,0	0,6	87,0	6	1,8	261,0	18	3,10	400
IH35625120/25	120	7,7	0,5	72,5	5	1,5	217,5	15	3,80	480
IH35625150/25	150	8,9	0,4	58,0	4	1,2	174,0	12	6,00	600

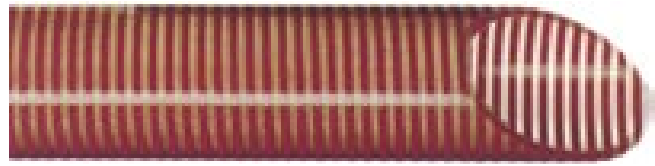
ENOREX PLUS I.D. mm. FOOD QUALITY - 90/128/CEE - Parker ITR



ENOREX N.A. (no abrasion)

Hose Construction

Flexible and light hose having a red, rigid PVC spiral embedded but not coated in transparent PVC wall.



Applications

For suction and delivery of wine, suitable for foodstuffs related to simulators A, B and C of the European Directive 90/128 CEE, when easy sliding (due to low friction) of the hose is required to get low external abrasion. It is also used in heavy duty applications in cellars, stores and docks for loading and unloading tankers and storage tankers.

Temperature Range

-25 °C (-32 °F) to +60 °C (+140 °F)

Suction

≤ I.D. 35 mm: 0,90 bar
> I.D. 35 mm: 0,80 bar

Tolerances

On inside/outside diameter: ± 4%

Length tolerance: ± 1%

All other technical data are subject to a ± 5% tolerance.

Note

Available in phthalate-free version

Part Number / Standard Length m	I.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
		MPa	psi	bar	MPa	psi	bar		
IHXXXXXXXXXX									
IH35624025/50	25	0,8	116,0	8	2,4	348,0	24	0,55	125
IH35624030/50	30	0,8	116,0	8	2,4	348,0	24	0,57	150
IH35624032/50	32	0,8	116,0	8	2,4	348,0	24	0,64	160
IH35624035/50	35	0,7	101,5	7	2,1	304,5	21	0,66	175
IH35624038/50	38	0,7	101,5	7	2,1	304,5	21	0,70	190
IH35624040/50	40	0,7	101,5	7	2,1	304,5	21	0,74	200
IH35624040/50	45	0,7	101,5	7	2,1	304,5	21	0,90	225
IH35624050/50	50	0,6	87,0	6	1,8	261,0	18	1,05	250
IH35624060/50	60	0,6	87,0	6	1,8	261,0	18	1,30	300
IH35624063/50	63	0,6	87,0	6	1,8	261,0	18	1,40	315
IH35624070/50	70	0,5	72,5	5	1,5	217,5	15	1,65	350
IH35624076/50	76	0,45	65,25	4,5	1,35	195,75	13,5	1,75	380
IH35624080/50	80	0,45	65,25	4,5	1,35	195,75	13,5	1,90	400
IH35624090/25	90	0,4	58,0	4	1,2	174,0	12	2,17	450
IH35624100/25	100	0,4	58,0	4	1,2	174,0	12	2,70	500
IH35624120/25	120	0,3	43,5	3	0,9	130,5	9	3,35	600
IH35624127/25	127	0,3	43,5	3	0,9	130,5	9	3,60	635
IH35624152/25	152	0,25	36,25	2,5	0,75	108,75	7,5	4,50	760

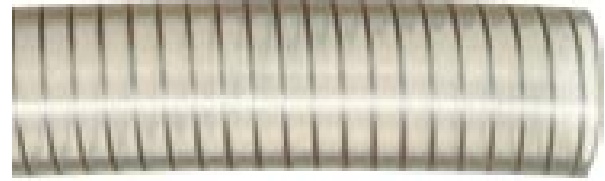
ENOREX N.A. I.D. mm. FOOD QUALITY - 90/128/CEE - Parker ITR



APERSPIR

Hose Construction

Flexible and light hose having an harmonic steel wire helix embedded in a transparent PVC wall.



Applications

Suitable for suction and delivery of foodstuffs in accordance with the European Directive CEE 90/128 Class A, B, and C.

For general medium and heavy duty industrial purposes and for agriculture applications.

Temperature Range

-10 °C (+14 °F) to +60 °C (+140 °F)

Suction

0,80 bar (600 mm Hg)

Tolerances

On inside diameter: ± 4%

On wall thickness: ± 0,50 mm

Length tolerance: ± 1%

All other technical data are subject to a ± 5% tolerance

Part Number / Standard Length m	I.D. mm	Wall thickness mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH35641010/30	10	3,1	1,2	174,0	12	3,6	522,0	36	0,18	23
IH35641012/30	12	3,1	1,5	217,5	15	4,5	652,5	45	0,19	20
IH35641014/50	14	3,1	1,5	217,5	15	4,5	652,5	45	0,23	30
IH35641016/50	16	3,1	1,5	217,5	15	4,5	652,5	45	0,26	30
IH35641018/50	18	3,5	1,2	174,0	12	3,6	522,0	36	0,30	40
IH35641019/50	19	3,5	1,2	174,0	12	3,6	522,0	36	0,33	40
IH35641020/50	20	3,5	1,2	174,0	12	3,6	522,0	36	0,34	40
IH35641022/50	22	4,1	1,1	159,5	11	3,3	478,5	33	0,40	40
IH35641025/25	25	4,2	1,1	159,5	11	3,3	478,5	33	0,52	50
IH35641025/50	25	4,2	1,1	159,5	11	3,3	478,5	33	0,52	50
IH35641030/50	30	4,2	1,0	150,0	10	3,0	450,0	30	0,63	60
IH35641032/50	32	4,5	0,95	137,75	9,5	2,9	413,25	28,5	0,66	60
IH35641035/50	35	4,5	0,85	123,25	8,5	2,6	369,75	25,5	0,75	70
IH35641038/50	38	4,5	0,8	116,0	8	2,4	348,0	24	0,80	80
IH35641040/25	40	5,0	0,8	116,0	8	2,4	348,0	24	0,95	80
IH35641040/50	40	5,0	0,8	116,0	8	2,4	348,0	24	0,95	80
IH35641042/50	42	5,0	0,75	108,75	7,5	2,3	326,25	22,5	1,15	84
IH35641045/50	45	5,0	0,75	108,75	7,5	2,3	326,25	22,5	1,15	90
IH35641050/25	50	5,4	0,7	101,5	7	2,1	304,5	21	1,30	100
IH35641050/50	50	5,4	0,7	101,5	7	2,1	304,5	21	1,30	100
IH35641060/25	60	6,1	0,6	87,0	6	1,8	261,0	18	1,75	120
IH35641060/50	60	6,1	0,6	87,0	6	1,8	261,0	18	1,75	120
IH35641063/50	63,5	6,2	0,6	87,0	6	1,8	261,0	18	1,80	130
IH35641070/25	70	6,5	0,5	72,5	5	1,5	217,5	15	2,10	140
IH35641070/50	70	6,5	0,5	72,5	5	1,5	217,5	15	2,10	140
IH35641075/50	75	7,0	0,45	65,25	4,5	1,4	195,75	13,5	2,30	150
IH35641080/50	80	7,3	0,4	58,0	4	1,2	174,0	12	2,50	160
IH35641090/30	90	7,5	0,3	43,5	3	0,9	130,5	9	2,90	180
IH35641100/30	100	8,0	0,3	43,5	3	0,9	130,5	9	3,65	200
IH35641120/30	120	8,0	0,2	29,0	2	0,6	87,0	6	4,30	240
IH35641125/30	125	8,3	0,2	29,0	2	0,6	87,0	6	4,60	250
IH35641150/20	150	9,5	0,2	29,0	2	0,6	87,0	6	6,50	300

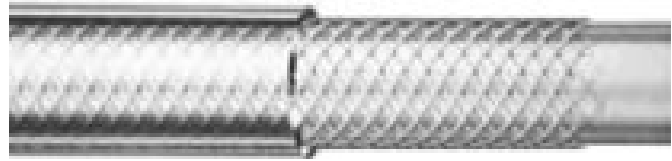
APERSPIR I.D. mm. FOOD QUALITY - 90/128/CEE - Parker ITR



VINITRESS

Hose Construction

Flexible, transparent PVC hose having a textile reinforcement between the walls.



Applications

Suitable for delivery of foodstuffs in accordance with the European Directive 90/128 CEE Class A,B, and C. For general industrial purposes and for agriculture applications.

Temperature Range

-20 °C (-29 °F) to +60 °C (+140 °F)

Tolerances

On inside and outside diameter:

≤ I.D. 15 mm: ± 0,5 mm

I.D. 16 - 19 mm: ± 0,8 mm

> I.D. 19 mm: ± 1,0 mm

Length tolerance: ± 1%

All other technical data are subject to a ± 5% tolerance

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH35033227/100	5	11	2,0	300,0	20	6,0	900,0	60	0,092	30
IH35033229/25	6	12	2,0	300,0	20	6,0	900,0	60	0,103	40
IH35033229/100	6	12	2,0	300,0	20	6,0	900,0	60	0,103	40
IH35033230/25	8	14	2,0	300,0	20	6,0	900,0	60	0,126	50
IH35033230/100	8	14	2,0	300,0	20	6,0	900,0	60	0,126	50
IH35033223/50	9	15	2,0	300,0	20	6,0	900,0	60	0,138	50
IH35033231/25	10	16	2,0	300,0	20	6,0	900,0	60	0,149	60
IH35033231/100	10	16	2,0	300,0	20	6,0	900,0	60	0,149	60
IH35033232/100	12	17	1,2	174,0	12	3,6	522,0	36	0,170	75
IH35033220/25	13	19	1,2	174,0	12	3,6	522,0	36	0,184	80
IH35033220/50	13	19	1,2	174,0	12	3,6	522,0	36	0,184	80
IH35033220/100	13	19	1,2	174,0	12	3,6	522,0	36	0,184	80
IH35033222/25	15	21	1,2	174,0	12	3,6	522,0	36	0,207	90
IH35033222/50	15	21	1,2	174,0	12	3,6	522,0	36	0,207	90
IH35033234/100	16	22	1,0	150,0	10	3,0	450,0	30	0,218	100
IH35033221/25	19	26	1,0	150,0	10	3,0	450,0	30	0,302	110
IH35033221/50	19	26	1,0	150,0	10	3,0	450,0	30	0,302	110
IH35033245/25	25	33	0,8	116,0	8	2,4	348,0	24	0,444	150
IH35033245/50	25	33	0,8	116,0	8	2,4	348,0	24	0,444	150
IH35033239/50	30	38	0,7	101,5	7	2,1	304,5	21	0,521	180
IH35033241/25	32	42	0,7	101,5	7	2,1	304,5	21	0,709	190
IH35033241/50	32	42	0,7	101,5	7	2,1	304,5	21	0,709	190
IH35033246/25	38	48	0,6	87,0	6	1,8	261,0	18	0,824	230
IH35033240/25	40	50	0,6	87,0	6	1,8	261,0	18	0,862	240
IH35033242/25	50	64	0,5	72,5	5	1,5	217,5	15	1,528	300

VINITRESS FOOD QUALITY - 90/128/CEE - Parker ITR



MILK SM 46 WB 6

Hose Construction

- Tube:** White, smooth NR rubber compound, conforming to Italian legislation D.M. 21-3-73 suitable for foods having ph > 5 relevant to simulator A of D.M. 26-4-93 n. 220
- Reinforcement:** Synthetic textile fabrics, embedded steel wire helix
- Cover:** Blue (WB) EPDM rubber compound, resistant to abrasion weathering and ageing



Applications

Light weight and facility in handling make this hose particularly suitable as milk collection hose.

Temperature Range

-15 °C (+5 °F) to +70 °C (+158 °F)

Tolerances

RMA steel mandrel

On inside diameter:

≤ I.D. 38 mm: ± 0,79 mm

> I.D. 38 mm: ± 1,59 mm

Length tolerance: ± 1%

Cleaning

Hose can be washed and sterilised with usual detergents or steam cleaned to a maximum temperature of 120 °C (+248 °F) for short periods.

Recommendations

The hose should be cleaned and left empty after use.

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	Working Pressure			Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36247017/40	38	49	0,6	90,0	6	1,8	270,0	18	1,36	100
IH36247018/40	40	51	0,6	90,0	6	1,8	270,0	18	1,36	100
IH36247019/40	45	56	0,6	90,0	6	1,8	270,0	18	1,43	115
IH36247021/40	51	62	0,6	90,0	6	1,8	270,0	18	1,58	125
IH36247020/40	51	65	0,6	90,0	6	1,8	270,0	18	2,23	130
IH36247022/40	63,5	75	0,6	90,0	6	1,8	270,0	18	2,38	190
IH36247023/40	76	88	0,6	90,0	6	1,8	270,0	18	2,96	250
IH36247024/20	102	116	0,6	90,0	6	1,8	270,0	18	4,36	350

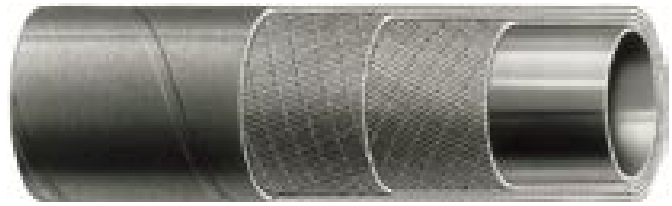
RUBBER HOSE MILK SM/46 WB 6 bar PER ALIM. DM 21.03.73 E SUCC. MODIF. – MADE IN ITALY – Parker ITR



RESILO 5

Hose Construction

- Tube:** Smooth, white colour, abrasion resistant NR based food quality rubber compound suitable for solid and non-fatty liquid food
- Reinforcement:** Synthetic textile fabrics and built-in copper wires to provide electrical continuity between ends
- Cover:** Black, smooth, weathering and abrasion resistant SBR rubber compound



Tolerances

- RMA steel mandrel
- On inside diameter:** $\pm 1,59$ mm
- Length tolerance:** $\pm 1\%$

Applications

Suitable for conveying food in granular or powder form and PVC granulates. FDA approved. Also complying with Italian D.M. n. 338 dated 22,07,98 for aqueous, acid and alcoholic liquid food.

Cleaning

Hose can be washed and sterilised with usual detergents or steam cleaned to a maximum temperature of 120 °C (+248 °F) for short periods.

Temperature Range

-30 °C (-22 °F) to +70 °C (+158 °F)

Recommendations

The hose should be cleaned and left empty after use.

Part Number / Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
RESILO 5										
IH36822500/40	50	66	0,5	72,5	5	1,5	217,5	15	2,10	500
IH36822502/20	80	98	0,5	72,5	5	1,5	217,5	15	3,60	800
IH36822504/20	100	120	0,5	72,5	5	1,5	217,5	15	5,00	1000
RESILO L 5										
IH36822503/20	75	85	0,5	72,5	5	1,5	217,5	15	1,74	750

RUBBER HOSE RESILO 5 bar MADE IN ITALY – Parker ITR



RESILO SM 5

Hose Construction

- Tube:** Smooth, white colour, abrasion resistant NR based food quality rubber compound suitable for solid and non-fatty liquid food
- Reinforcement:** Synthetic textile fabrics, embedded steel wire helix and built-in copper wires to provide electrical continuity between ends
- Cover:** Black, smooth, weathering and abrasion resistant SBR rubber compound



Tolerances

- RMA steel mandrel
- On inside diameter:** $\pm 1,59$ mm
- Length tolerance:** $\pm 1\%$

Cleaning

Hose can be washed and sterilised with usual detergents or steam cleaned to a maximum temperature of 120 °C (+248 °F) for short periods.

Recommendations

The hose should be cleaned and left empty after use.

Applications

Suitable for conveying food in granular or powder form and PVC granulates. FDA approved. Also complying with Italian D.M. n. 338 dated 22,07,98 for aqueous, acid and alcoholic liquid food.

Temperature Range

-30 °C (-22 °F) to +70 °C (+158 °F)

Part Number / Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36822530/40	50	64	0,5	72,5	5	1,5	217,5	15	2,00	300
IH36822533/20	75	93	0,5	72,5	5	1,5	217,5	15	3,60	450
IH36822534/20	80	98	0,5	72,5	5	1,5	217,5	15	3,80	480
IH36822536/20	100	120	0,5	72,5	5	1,5	217,5	15	5,40	600

RUBBER HOSE RESILO SM 5 bar MADE IN ITALY – Parker ITR



ITTIREX

Hose Construction

Flexible transparent PU hose having a grey rigid PVC spiral.

Applications

Suitable for suction and delivery of fish.

Temperature Range

-25 °C (-13 °F) - +60 °C (+140 °F)



Suction

0,80 bar (590 mm Hg)

Tolerances

On inside/outside diameter: ± 4%

Length tolerance: ± 1%

All other technical data are subject to a ± 5% tolerance.

NOTE

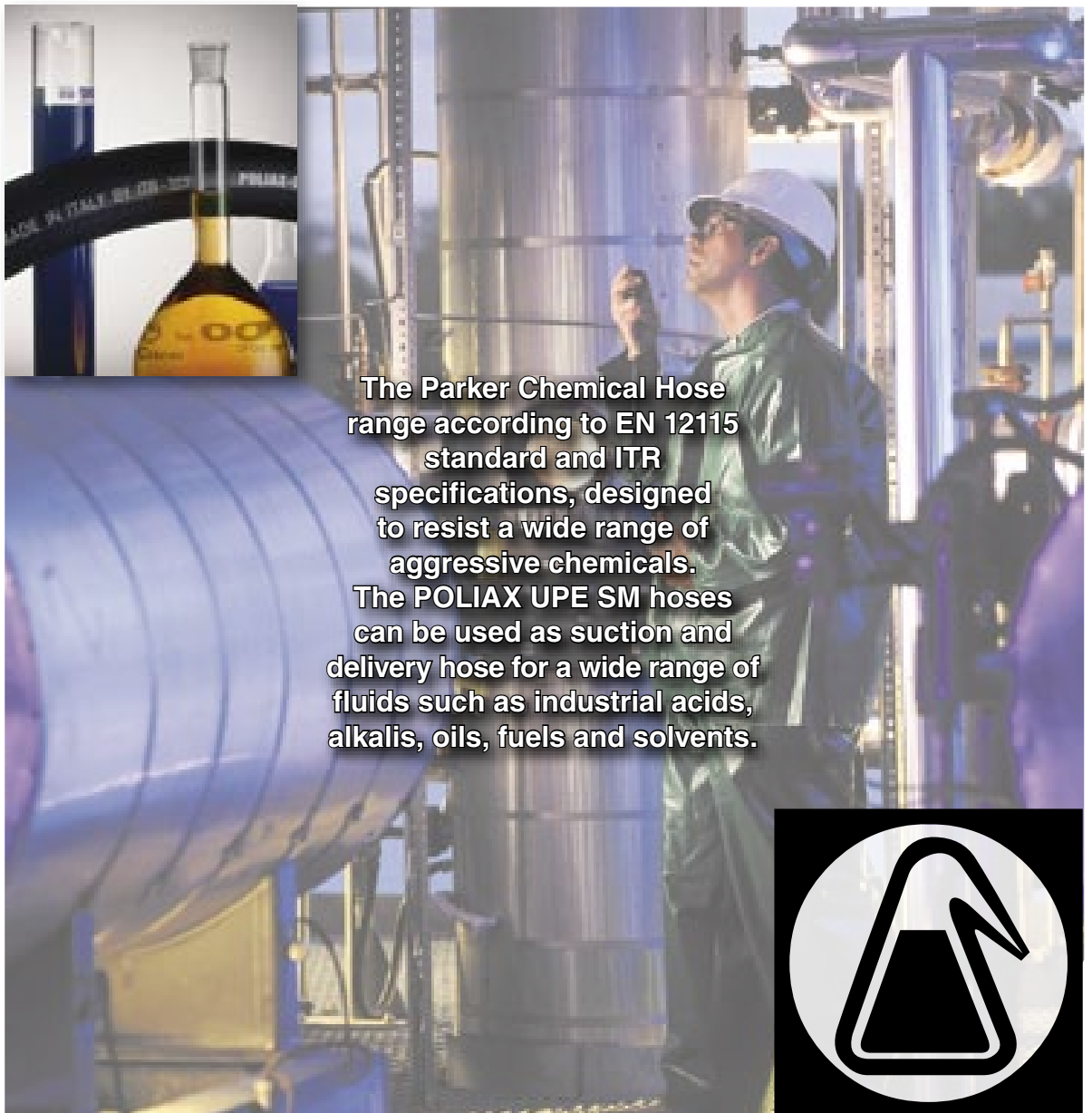
Other diameters available on request.

Part Number / Standard Length m	I.D. mm	Wall thickness mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IHXXXXXXXXXX IH35626203/10	203	1,5 PU	0,15	21,75	1,5	0,45	65,3	4,5	3,60	1218

ITTIREX I.D. mm Parker ITR



Acid and Chemical Hoses



The Parker Chemical Hose range according to EN 12115 standard and ITR specifications, designed to resist a wide range of aggressive chemicals. The POLIAX UPE SM hoses can be used as suction and delivery hose for a wide range of fluids such as industrial acids, alkalis, oils, fuels and solvents.





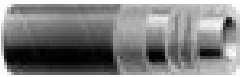
► **General Purpose**



POLIAX D 10

Black, EPM rubber hose, available with an embedded wire helix (SM), suitable for moderately aggressive chemicals (see Chemical Resistance Chart in our catalogue).
I.D. from 19 to 50 mm; Working Pressure: 10 bar

► **According to Norms**



POLIAX D SM EN 12115
POLIAX UPE SM EN 12115

Black, EPM rubber hose (D), and ultra high molecular weight polyethylene translucent (UPE), suitable for suction and delivery of moderately aggressive chemicals (D SM) and of a wide range of aggressive chemicals (UPE SM) (see Chemical Resistance Chart in our catalogue).
I.D. from 19 to 100 mm; Working Pressure: 16 bar



I – Acid and Chemical Hose

General Purpose

POLIAX D 10 ▶ 14

According to Norms

POLIAX D SM EN 12115 ▶ 15

POLIAX UPE SM EN 12115 ▶ 16

To determine hose compatibility with specific chemical products, please refer to the enclosed Chemical Resistance Chart (page A6-A7).

For severe or special applications, and in case of any doubt, please ask for our technical assistance.

A



B



C



D



E



F



G



H



I



J



K



L



M



N



O



P



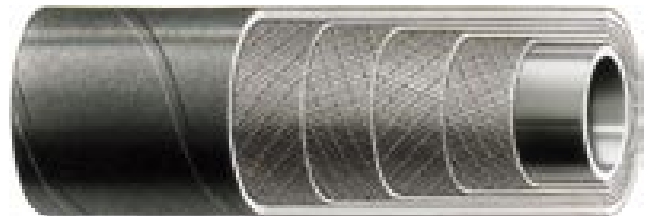
Q



POLIAX® D 10

Hose Construction

- Tube:** Black, smooth antistatic EPM rubber compound
- Reinforcement:** Synthetic textile fabrics
- Cover:** Black, antistatic ($R < 1 \text{ M}\Omega/\text{m}$), EPDM rubber compound, abrasion and weather resistant



Applications

Suitable for delivery of highly aggressive chemicals.

Temperature Range

-35 °C (-31 °F) to +100 °C (+212 °F)

Tolerances

RMA steel mandrel

On inside diameter:

≤ I.D. 38 mm: ± 0,79 mm

> I.D. 38 mm: ± 1,59 mm

On outside diameter:

± 1,59 mm

Length tolerance:

± 1%

WARNING

If delivering chemicals over 25 °C (77 °F), please contact us. Many chemical products can cause severe injuries to people or damage to property, and here are risks of environmental pollution in case of leakage or hose burst. All necessary measures must be taken in order to avoid accidents both during normal service operations and during hydrostatic tests, which must be carried out by trained personnel using suitable tools.

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36810031/40	20	29	1,0	150,0	10	4,0	600,0	40	0,45	200
IH36810032/40	25	34	1,0	150,0	10	4,0	600,0	40	0,53	250
IH36810033/40	30	42	1,0	150,0	10	4,0	600,0	40	0,85	300
IH36810042/40	32	44	1,0	150,0	10	4,0	600,0	40	0,89	320
IH36810034/40	35	48	1,0	150,0	10	4,0	600,0	40	1,05	350
IH36810065/40	38	52	1,0	150,0	10	4,0	600,0	40	1,21	380
IH36810035/40	40	55	1,0	150,0	10	4,0	600,0	40	1,41	400
IH36810036/40	45	61	1,0	150,0	10	4,0	600,0	40	1,67	450
IH36810037/40	50	68	1,0	150,0	10	4,0	600,0	40	2,08	500

RUBBER HOSE POLIAX D 10 bar MADE IN ITALY Parker ITR



POLIAX® D SM EN 12115

Manufactured according to EN 12115,
meets TRbF 131 Teil 2 par. 5.5
(flame resistance)



Hose Construction

- Tube:** Black, smooth antistatic EPM rubber compound
- Reinforcement:** Synthetic textile fabrics, embedded steel wire helix and built-in copper wires to facilitate the electrical connection between hose and end couplings
- Cover:** Black, antistatic ($R < 1M \Omega/m$), EPDM rubber compound, heat, abrasion, ageing and weather resistant

Tolerances

According to EN 12115

On inside diameter:		
I.D. 19 - 38 mm:		± 0,50 mm
I.D. 50 mm:		± 0,70 mm
I.D. 63,5 - 100 mm:		± 0,80 mm
On outside diameter:		
O.D. 31 - 51 mm:		± 1,00 mm
O.D. 66 - 91 mm:		± 1,20 mm
O.D. 116 mm:		± 1,60 mm
Length tolerance:		± 1%

Applications







Suitable for delivery of highly aggressive chemicals, according to EN 12115.

Temperature Range

-35 °C (-31 °F) to +100 °C (+212 °F)

WARNING

If delivering chemicals over 25 °C (77 °F), please contact us. Many chemical products can cause severe injuries to people or damage to property, and here are risks of environmental pollution in case of leakage or hose burst. All necessary measures must be taken in order to avoid accidents both during normal service operations and during hydrostatic tests, which must be carried out by trained personnel using suitable tools.

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36810111/40	19	31	1,6	232,0	16	6,4	928,0	64	0,70	125
IH36810112/40	25	37	1,6	232,0	16	6,4	928,0	64	0,92	150
IH36810113/40	32	44	1,6	232,0	16	6,4	928,0	64	1,09	175
IH36810114/40	38	51	1,6	232,0	16	6,4	928,0	64	1,35	225
IH36810115/40	50	66	1,6	232,0	16	6,4	928,0	64	1,84	275
IH36810116/40	63,5	79	1,6	232,0	16	6,4	928,0	64	2,54	300
IH36810117/40	75	91	1,6	232,0	16	6,4	928,0	64	3,12	350
IH36810118/20	100	116	1,0	150,0	10	4,8	696,0	48	4,41	450

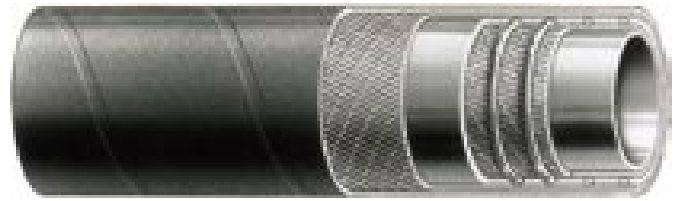
EN 12115 EPDM - I.D. - SD - PN .. - BP .. bar - Ω - Quarter/Year - MADE IN ITALY Parker ITR

**POLIAX® UPE SM EN 12115**

Manufactured according to EN 12115,
meets TRbF 131 Teil 2 par. 5.5 (flame resistance)

Hose Construction

- Tube:** Translucent, smooth, non-conductive (POLIAX UPE SM EN 12115) ultra high molecular weight polyethylene (UHMWPE) or black, conductive (POLIAX UPE CON SM EN 12115)
- Reinforcement:** Synthetic textile fabrics, embedded steel wire helix and built-in copper wires to allow the electrical connection between hose and couplings
- Cover:** Black, antistatic ($R < 1 \text{ M } \Omega/\text{m}$), EPDM rubber compound, heat, abrasion, ageing and weather resistant. Other colours available on request

**Suction**

- ≤ I.D. 63,5 mm: 0,90 bar (675 mm Hg)
> I.D. 63,5 mm: 0,80 bar (600 mm Hg)

Tolerances

According to EN 12115

On inside diameter:

- I.D. 19 - 38 mm: ± 0,50 mm
I.D. 50 mm: ± 0,70 mm
I.D. 63,5 - 100 mm: ± 0,80 mm

On outside diameter:

- O.D. 31 - 51 mm: ± 1,00 mm
O.D. 66 - 91 mm: ± 1,20 mm
> O.D. 91 mm: ± 1,60 mm

Length tolerance:

±1%

Applications

POLIAX UPE SM EN 12115 is suitable for suction and delivery of a wide range of highly aggressive chemicals such as most industrial acids, alkalis, oils, fuels and solvents. It can also be used as a flexible connections in paint plants. Suitable for suction and delivery of all foodstuff containing also animal or vegetable fats and oils, according to national and international norms. Refer to the Chemical Resistant Chart to determine compatibility with specific chemicals. For severe or special applications – for tighter bending radius – or if in doubt, please ask our Technical Assistance.

Temperature Range

-15 °C (+5 °F) to +100 °C (+212 °F)

For aggressive chemicals and solvents the hose is intended to be used at room temperature. The hose can be cleaned and sterilized with usual detergents or steam – a temperature of 130 °C (+266 °F) for short periods.

WARNING

If delivering chemicals over 25 °C (77 °F), please contact us. Many chemical products can cause severe injuries to people or damage to property, and here are risks of environmental pollution in case of leakage or hose burst. All necessary measures must be taken in order to avoid accidents both during normal service operations and during hydrostatic tests, which must be carried out by trained personnel using suitable tools.

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D.* mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
POLIAX UPE SM EN 12115										
IH36811501/40	19	31	1,6	232,0	16	6,4	928,0	64	0,71	190
IH36811502/40	25	37	1,6	232,0	16	6,4	928,0	64	0,87	230
IH36811503/40	32	44	1,6	232,0	16	6,4	928,0	64	1,07	260
IH36811504/40	38	51	1,6	232,0	16	6,4	928,0	64	1,35	340
IH36811505/40	50	66	1,6	232,0	16	6,4	928,0	64	2,29	410
IH36811507/40	63,5	79	1,6	232,0	16	6,4	928,0	64	2,51	450
IH36811508/40	75	91	1,6	232,0	16	6,4	928,0	64	3,07	530
IH36811510/20	100	116	1,0	150,0	10	4,8	696,0	48	4,43	680
POLIAX UPE CON SM EN 12115										
IH36811529/40	19	31	1,6	232,0	16	6,4	928,0	64	0,71	190
IH36811530/40	25	37	1,6	232,0	16	6,4	928,0	64	0,87	230
IH36811531/40	32	44	1,6	232,0	16	6,4	928,0	64	1,07	260
IH36811532/40	38	51	1,6	232,0	16	6,4	928,0	64	1,35	340
IH36811534/40	50	66	1,6	232,0	16	6,4	928,0	64	2,29	410
IH36811535/40	63,5	79	1,6	232,0	16	6,4	928,0	64	2,51	450
IH36811536/40	75	91	1,6	232,0	16	6,4	928,0	64	3,07	530
IH36811538/20	100	116	1,0	150,0	10	4,8	696,0	48	4,43	680

EN 12115 EPDM - I. D. - SD - PN .. - BP .. bar - Ω - TRbF 131/T2 P.5.5 - Quarter/Year - MADE IN ITALY Parker ITR



Agricultural Spray Hoses



Parker offers two types of agricultural spray hose. FRUTPRESS rubber hose is suitable for insecticides and herbicides. APERFRUT PVC hose is used for the delivery of air, water and all fungicide products.





**Black Rubber
Hose**



FRUTPRESS N/L 50-80-100

Suitable for insecticides and herbicidal agricultural sprays.

**Coloured PVC
Hose**



APERFRUT 20-40-80

Particularly suitable for spraying in agriculture.

J – Agricultural Spray Hose

Black Rubber Hose

FRUTPRESS N/L 50 - 80 - 100

▶ J4

Coloured PVC Hose

APERFRUT 20 - 40 - 80

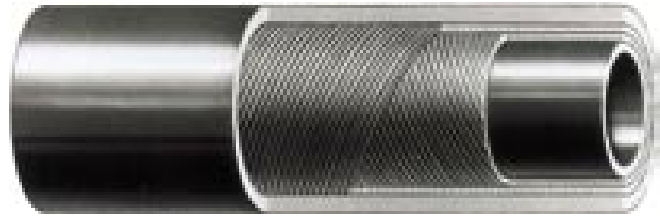
▶ J5



FRUTPRESS N/L 50 - 80 - 100

Hose Construction

- Tube:** Black, smooth, insecticide with solvent and herbicide resistant NBR rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Black, smooth: heat, abrasion and weather-resistant, EPDM/NBR rubber compound



Tolerances

According to UNI EN ISO 1307/97

On inside diameter: ± 0,80 mm







Length tolerance: ± 1%.

Applications

Suitable for insecticides and herbicide agricultural sprays.

Temperature Range

-20 °C (-4 °F) to +80 °C (+176 °F)

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
FRUTPRESS N/L 50										
IH30135001/100	8	16	5,0	725,0	50	15,0	2175,0	150	0,21	50
IH30135002/100	10	19	5,0	725,0	50	15,0	2175,0	150	0,28	60
IH30140040/80	16	26	5,0	725,0	50	15,0	2175,0	150	0,46	100
FRUTPRESS N/L 80										
IH30146102/100	8	16	8,0	1200,0	80	24,0	3480,0	240	0,21	50
IH30146103/100	10	19	8,0	1200,0	80	24,0	3480,0	240	0,29	60
IH30146106/100	12	21	8,0	1200,0	80	24,0	3480,0	240	0,33	70
IH30146104/100	13	23	8,0	1200,0	80	24,0	3480,0	240	0,40	80
FRUTPRESS N/L 100										
IH30136005/100	10	21	10,0	1450,0	100	30,0	4350,0	300	0,37	60
IH30136010/80	13	24	10,0	1450,0	100	30,0	4350,0	300	0,45	80

RUBBER HOSE FRUTPRESS W.P. bar MADE IN ITALY Parker ITR

APERFRUT 20-40-80

Hose Construction

Tube: Black, smooth, PVC compound
Reinforcement: Synthetic textile yarns
Cover: Orange (20), red (40) and blue (80), smooth, abrasion, and weather-resistant PVC compound.



Applications

For delivery of air, water and all fungicide products. Particularly suitable for spraying in agriculture. Resistant to compressor oil-mist.

Temperature Range

-15 °C (+5 °F) to +60 °C (+140 °F)

Tolerances

On inside diameter:







≤ I.D. 16 mm: ± 0,50 mm

I.D. 19 mm: ± 0,80 mm

> I.D. 19 mm: ± 1,00 mm

Length tolerance: ± 2%

All other technical data are subject to a ± 5% tolerance.

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
APERFRUT 20										
IH35040009/100	6	12	2,0	300,0	20	6,0	900,0	60	0,10	30
IH35040010/100	8	13	2,0	300,0	20	6,0	900,0	60	0,11	30
IH35040010/50	8	13	2,0	300,0	20	6,0	900,0	60	0,11	30
IH35040012/100	10	15	2,0	300,0	20	6,0	900,0	60	0,135	55
IH35040014/100	13	19	2,0	300,0	20	6,0	900,0	60	0,20	85
IH35040015/100	16	23	2,0	300,0	20	6,0	900,0	60	0,285	90
IH35040016/100	19	26,5	2,0	300,0	20	6,0	900,0	60	0,33	100
IH35040017/50	25	34	1,5	217,5	15	4,5	652,5	45	0,555	140
APERFRUT 40										
IH35040260/100	8	14	4,0	600,0	40	12,0	1740,0	120	0,142	30
IH35040261/100	10	16	4,0	600,0	40	12,0	1740,0	120	0,166	50
IH35040112/100	10	17	4,0	600,0	40	12,0	1740,0	120	0,203	45
IH35040114/100	13	21	4,0	600,0	40	12,0	1740,0	120	0,285	80
APERFRUT 80										
IH35040268/100	8	15	8,0	1200,0	80	20,8	3016,0	208	0,165	25
IH35040270/100	10	18	8,0	1200,0	80	20,8	3016,0	208	0,230	45
IH35040213/100	10	19	8,0	1200,0	80	20,8	3016,0	208	0,270	40
IH35040214/100	13	23	7,0	1015,0	70	18,0	2610,0	180	0,380	60

APERFRUT W.P. bar Parker ITR



Oil and Fuel Hoses



Hoses designed for the suction and delivery of petroleum products, fuels and mineral oil. Applications include hydraulic systems, loading and discharge of tankers, petrol pumps and severe service conditions. Parker's oil and fuel hoses fulfil the latest international standards (such as EN 1360, SAE J 200, EN ISO 7840 A1, EN 12115, etc).



▶ **General Purpose**



CARBOPRESS N/L 10-20

Suitable for fuel oils and petrol having an aromatic content up to 50%, grease and unleaded oil products.



CARBOCORD 10 - 15

Suitable for fuel oils and petrol having an aromatic content not exceeding 50%. Built-in copper wires provide electrical continuity between both ends.



**CARBURITE 10
CARBURITE 16 TUEV**

Suitable for suction and delivery of fuel oils and petrol having an aromatic content not exceeding 50%.

▶ **Low Temperature**



CARBURITE F 305 10

Suitable for heavy-duty applications at low temperature (-35 °C / -31 °F).

▶ **Petrol Pump**



**CARBOPRESS D EN 1360/1
CARBOPRESS D EN 1360/3
CARBOPRESS D ARTIC
CARBOPRESS D RV**

Suitable for fuel oils and petrol having an aromatic content not exceeding 50%. Specially designed for petrol pumps. A built-in copper wire gives electrical continuity between both ends. ARTIC: specially designed for low temperature service (-40 °C / -40 °F). RV: vapour recovery coaxial hose.

▶ **Tank Truck**



**CARBOCORD EN 12115
CARBOCORD 18 TUEV**

Specially designed for loading and discharge of petroleum products having an aromatic content not exceeding 50%.



**CARBURITE BS 3492-D
CHEMIOEL EN 12115**

Suitable for fuel oils and petrol having an aromatic content not exceeding 50%. Designed for suction and delivery of mineral oils and fuels in rail and road tankers, service stations and refineries.



RAGUSA 4

Suitable for suction and delivery of mineral oil and fuels having an aromatic content up to 50%, when a lightweight and flexible hose is required.



CARBUREX

Suitable for suction and delivery of petroleum products and fuel oils. Also available with a copper braid giving electrical continuity between both ends.(CARBUREX ANC).

▶ **LPG**



GASTRUCK EN 1762 D-M

For liquefied petroleum gas applications.



GASTRUCK EN 1762 SD-M

For liquefied petroleum gas applications.



ROBUR GPL

For liquefied petroleum gas applications.

▶ **Aircraft Ground Refuelling**



**JETCORD EN 1361
JETCORD XT/C**

Designed for use in all operations associated with the ground refuelling of aircraft.



K – Oil and Fuel Hose

General Purpose

CARBOPRESS N/L 10 - 20	▶	K4
CARBOCORD 10 - 15	▶	K5
CARBURITE 10	▶	K6
CARBURITE 16 TUEV	▶	K7

Low Temperature Applications

CARBURITE F 305 10	▶	K8
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Petrol Pump

CARBOPRESS D EN 1360/1 N/L	▶	K9
CARBOPRESS D EN 1360/3 N/L	▶	K10
CARBOPRESS D ARTIC N/L	▶	K11
CARBOPRESS D RV	▶	K12

Tank Truck

CARBOCORD EN 12115	▶	K13
CARBOCORD 18 TÜV	▶	K14
CARBURITE BS 3492-D	▶	K15
CHEMIOEL EN 12115	▶	K16
RAGUSA 4	▶	K17
CARBUREX	▶	K18
CARBUREX / ANC	▶	K19

LPG

GASTRUCK EN 1762 D-M	▶	K20
GASTRUCK EN 1762 SD-M	▶	K21
ROBUR GPL	▶	K22

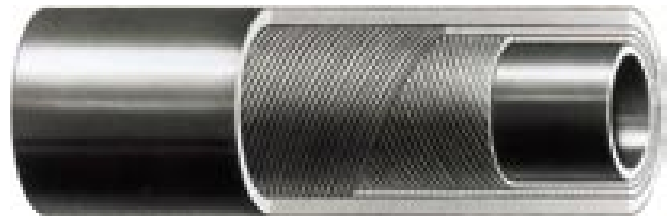
Aircraft Ground Refuelling

JETCORD B EN 1361	▶	K23
JETCORD C EN 1361	▶	K24
JETCORD E EN 1361	▶	K25
JETCORD F EN 1361	▶	K26
JETCORD XT/C	▶	K27



**CARBOPRESS® N/L 10 - 20****Hose Construction**

- Tube:** Black, smooth, NBR rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Black, smooth, abrasion, oil, fuel, and weather-resistant, antistatic (R < 1 MΩ/m) special NBR/EPDM rubber compound

**Applications**

Suitable for fuel oils, petrol and diesel having an aromatic content not exceeded 50% and also for grease.

Tolerances

According to UNI EN ISO 1307/97

On inside diameter:

- ≤ I.D. 5 mm: ± 0,60 mm
- I.D. 6 - 19 mm: ± 0,80 mm
- I.D. 25 mm: ± 1,20 mm
- Length tolerance:** ± 1%

Temperature Range

-25 °C (-13 °F) to +80 °C (+176 °F)

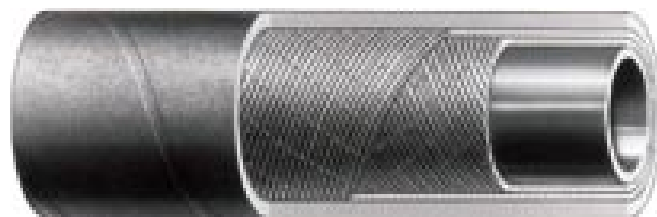
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
CARBOPRESS N/L 10										
IH30501008/100	5	11	1,0	150,0	10	3,0	450,0	30	0,12	40
IH30501001/100	5	12	1,0	150,0	10	3,0	450,0	30	0,12	40
IH30511003/100	6	12	1,0	150,0	10	3,0	450,0	30	0,11	50
IH30511002/100	6	13	1,0	150,0	10	3,0	450,0	30	0,14	50
IH30511021/100	7	13	1,0	150,0	10	3,0	450,0	30	0,13	60
IH30511016/100	8	14	1,0	150,0	10	3,0	450,0	30	0,14	65
IH30501002/100	8	15	1,0	150,0	10	3,0	450,0	30	0,17	65
IH30501003/100	10	17	1,0	150,0	10	3,0	450,0	30	0,20	80
IH30501004/100	13	20	1,0	150,0	10	3,0	450,0	30	0,24	105
IH30501005/100	15	23	1,0	150,0	10	3,0	450,0	30	0,32	120
IH30511004/100	16	23	1,0	150,0	10	3,0	450,0	30	0,29	130
IH30511007/80	18	26	1,0	150,0	10	3,0	450,0	30	0,37	150
IH30501006/40	19	27	1,0	150,0	10	3,0	450,0	30	0,39	150
IH30501007/50	25	35	1,0	150,0	10	3,0	450,0	30	0,63	200
CARBOPRESS HH N/L 10										
IH30508000/80	19	27	1,0	150,0	10	3,0	450,0	30	0,39	150
IH30508001/40	25	35	1,0	150,0	10	3,0	450,0	30	0,63	200
CARBOPRESS N/L 20										
IH30502001/100	6	14	2,0	300,0	20	6,0	900,0	60	0,17	50
IH30502002/100	8	17	2,0	300,0	20	6,0	900,0	60	0,24	65
IH30502003/100	10	19	2,0	300,0	20	6,0	900,0	60	0,27	80
IH30512006/100	13	23	2,0	300,0	20	6,0	900,0	60	0,38	105
IH30512010/80	16	26	2,0	300,0	20	6,0	900,0	60	0,44	130
IH30512007/80	19	30	2,0	300,0	20	6,0	900,0	60	0,57	150
IH30512009/50	25	36	2,0	90,0	20	6,0	900,0	60	0,71	200

RUBBER HOSE CARBOPRESS W.P. bar MADE IN ITALY Parker ITR

CARBOCORD 10 - 15

Hose Construction

- Tube:** Black, smooth, NBR rubber compound. Resistant to oil and fuel with an aromatic content not exceeding 50%
- Reinforcement:** Synthetic textile fabrics and built-in copper wires to provide electrical continuity between both ends
- Cover:** Black, smooth, NBR/SBR rubber compound, antistatic ($R < 1 \text{ M}\Omega/\text{m}$), oil, fuel, abrasion, ageing and weather resistant



Tolerances

- RMA steel mandrel
- On inside diameter:**
- ≤ I.D. 38 mm: ± 0,79 mm
 - > I.D. 38 mm: ± 1,59 mm
- On outside diameter:** ± 1,59
- Length tolerance:** ± 1%

Applications







Suitable for delivery of petroleum products with an aromatic content not exceeding 50%.

Temperature Range

-25 °C (-13 °F) to +80 °C (+176 °F)

Note

Available on request:
CARBOCORD F 10 withstanding temperatures down to -35 °C (-31 °F)

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
CARBOCORD 10										
IH36522124/40	25	35	1,0	150,0	10	3,0	450,0	30	0,66	250
IH36522138/40	30	41	1,0	150,0	10	3,0	450,0	30	0,84	300
IH36522133/40	35	48	1,0	150,0	10	3,0	450,0	30	1,17	350
IH36522110/40	38	51	1,0	150,0	10	3,0	450,0	30	1,25	380
IH36522131/40	40	54	1,0	150,0	10	3,0	450,0	30	1,42	400
IH36522136/40	45	59	1,0	150,0	10	3,0	450,0	30	1,57	450
IH36522144/40	48	62	1,0	150,0	10	3,0	450,0	30	1,67	480
IH36522128/40	51	65	1,0	150,0	10	3,0	450,0	30	1,76	500
IH36523109/40	60	75	1,0	150,0	10	3,0	450,0	30	2,07	600
IH36522112/40	63,5	79	1,0	150,0	10	3,0	450,0	30	2,32	650
IH36523110/20	70	86	1,0	150,0	10	3,0	450,0	30	2,55	700
IH36523111/20	75	91	1,0	150,0	10	3,0	450,0	30	2,79	750
IH36523112/20	80	96	1,0	150,0	10	3,0	450,0	30	2,95	800
IH36523113/20	90	106	1,0	150,0	10	3,0	450,0	30	3,20	900
IH36523114/20	100	116	1,0	150,0	10	3,0	450,0	30	3,61	1000
CARBOCORD L10										
IH36522134/40	32	44	1,0	150,0	10	3,0	450,0	30	0,98	320
CARBOCORD H10										
IH36522097/40	32	46	1,0	150,0	10	3,0	450,0	30	1,17	320
IH36522098/40	38	53	1,0	150,0	10	3,0	450,0	30	1,45	380
CARBOCORD 15										
IH36523101/40	19	30	1,5	217,5	15	4,5	625,5	45	0,55	250
IH36523102/40	25	36	1,5	217,5	15	4,5	625,5	45	0,69	250
IH36523103/40	30	41	1,5	217,5	15	4,5	625,5	45	0,80	300
IH36523104/40	32	43	1,5	217,5	15	4,5	625,5	45	0,84	320
IH36523105/40	35	46	1,5	217,5	15	4,5	625,5	45	0,91	350
IH36523120/40	38	49	1,5	217,5	15	4,5	625,5	45	0,97	380
IH36523106/40	40	52	1,5	217,5	15	4,5	625,5	45	1,14	400
IH36523107/40	45	60	1,5	217,5	15	4,5	625,5	45	1,60	450
IH36523108/40	50	65	1,5	217,5	15	4,5	625,5	45	1,83	500
IH36523119/40	55	70	1,5	217,5	15	4,5	625,5	45	1,98	550

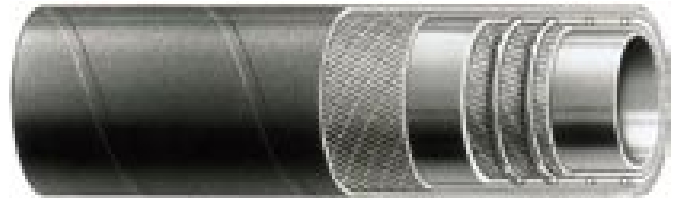
RUBBER OIL HOSE CARBOCORD W.P. bar MADE IN ITALY Parker ITR



CARBURITE 10

Hose Construction

- Tube:** Black, smooth, NBR rubber compound, resistant to oil and fuel with an aromatic content not exceeding 50%
- Reinforcement:** Synthetic textile fabrics and embedded steel wire helix
- Cover:** Black, smooth, antistatic ($R < 1 \text{ M}\Omega/\text{m}$) NBR/SBR rubber compound, oil, fuel, abrasion, ageing and weather resistant



Applications

Designed for suction and delivery of mineral oils and fuels (with aromatic content not exceeding 50%) in road and rail tankers, service stations and refineries. For heavy duty applications CARBURITE H 10 is recommended .

Temperature Range

-25 °C (-13 °F) to +80 °C (+176 °F)

Suction

Max. 0,8 bar (600 mm Hg)

Tolerances

RMA steel mandrel

On inside diameter:

≤ I.D. 38 mm: ± 0,79 mm

> I.D. 38 mm: ± 1,59 mm

Length tolerance:

± 1%

Note

On request available with built-in copper wires:
/E2 in the textile fabrics
/C1 in the steel wire helix

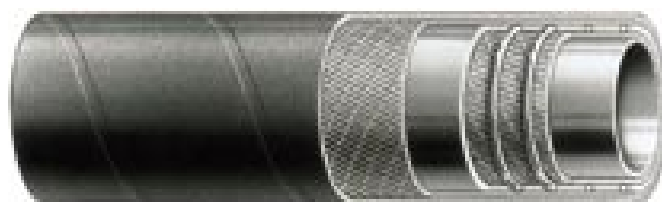
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
CARBURITE 10										
IH36530099/40	19	29	1,0	150,0	10	3,0	450,0	30	0,61	120
IH36531011/40	22	32	1,0	150,0	10	3,0	450,0	30	0,67	130
IH36531004/40	25	35	1,0	150,0	10	3,0	450,0	30	0,80	150
IH36530201/40	30	40	1,0	150,0	10	3,0	450,0	30	0,92	180
IH36531012/40	32	42	1,0	150,0	10	3,0	450,0	30	0,98	190
IH36530202/40	35	45	1,0	150,0	10	3,0	450,0	30	1,05	210
IH36531002/40	38	48	1,0	150,0	10	3,0	450,0	30	1,13	240
IH36530203/40	40	50	1,0	150,0	10	3,0	450,0	30	1,18	240
IH36530212/40	42	52	1,0	150,0	10	3,0	450,0	30	1,22	252
IH36530204/40	45	55	1,0	150,0	10	3,0	450,0	30	1,31	270
IH36530205/40	50	60	1,0	150,0	10	3,0	450,0	30	1,46	300
IH36531020/40	51	61	1,0	150,0	10	3,0	450,0	30	1,49	300
IH36530206/40	60	71	1,0	150,0	10	3,0	450,0	30	1,89	360
IH36531001/40	63,5	75	1,0	150,0	10	3,0	450,0	30	2,09	380
IH36530207/20	70	82	1,0	150,0	10	3,0	450,0	30	2,47	420
IH36530208/20	75	87	1,0	150,0	10	3,0	450,0	30	2,68	450
IH36530208/40	75	87	1,0	150,0	10	3,0	450,0	30	2,68	450
IH36530213/20	76	88	1,0	150,0	10	3,0	450,0	30	2,72	460
IH36530213/40	76	88	1,0	150,0	10	3,0	450,0	30	2,72	460
IH36530209/20	80	92	1,0	150,0	10	3,0	450,0	30	2,84	480
IH36531003/20	90	104	1,0	150,0	10	3,0	450,0	30	3,64	540
IH36530211/20	100	114	1,0	150,0	10	3,0	450,0	30	4,02	600
IH36530211/40	100	114	1,0	150,0	10	3,0	450,0	30	4,02	600
IH36531019/20	110	124	1,0	150,0	10	3,0	450,0	30	4,29	660
IH36531009/20	120	134	1,0	150,0	10	3,0	450,0	30	4,65	720
IH36531050/10	150	170	1,0	150,0	10	3,0	450,0	30	7,27	900
CARBURITE H10										
IH36531100/40	38	51	1,0	150,0	10	3,0	450,0	30	1,40	240
IH36531005/40	50	64	1,0	150,0	10	3,0	450,0	30	1,93	300
IH36531024/20	100	116	1,0	150,0	10	3,0	450,0	30	4,41	600

RUBBER OIL HOSE CARBURITE 10 bar MADE IN ITALY Parker ITR

CARBURITE 16 TUEV

Hose Construction

- Tube:** Black, smooth, NBR rubber compound, resistant to oil and fuel with an aromatic content not exceeding 50 %
- Reinforcement:** Synthetic textile fabrics, embedded steel wire helix and built-in copper wires for electrical continuity at both ends. The copper wire can be taken out when the hose is cut in specific lengths from standard coils to facilitate welding to fittings
- Cover:** Black, smooth, antistatic ($R < 1 \text{ M}\Omega/\text{m}$) NBR/SBR rubber compound, oil, fuel, abrasion, ageing and weather resistant



Temperature Range

-25 °C (-13 °F) to +80 °C (+176 °F)

Suction

Max. 0,8 bar (600 mm Hg)

Tolerances

RMA steel mandrel

On inside diameter:

≤ I.D. 38 mm: ± 0,79 mm

> I.D. 38 mm: ± 1,59 mm

Length tolerance: ± 1%

Applications

Designed for suction and delivery of mineral oils and fuels with an aromatic content not exceeding 50 %. TUEV approval for the electrical resistance, excluded IH36532617/12 (diameter 203 x 235)

Part Number / Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
CARBURITE 16 TUEV										
IH36532601/40	25	37	1,6	232,0	16	4,8	696,0	48	0,91	150
IH36532606/40	32	44	1,6	232,0	16	4,8	696,0	48	1,14	190
IH36532603/40	38	51	1,6	232,0	16	4,8	696,0	48	1,44	230
IH36532606/40	40	54	1,6	232,0	16	4,8	696,0	48	1,57	240
IH36532605/40	50	64	1,6	232,0	16	4,8	696,0	48	1,92	300
IH36532607/40	75	90	1,6	232,0	16	4,8	696,0	48	3,03	450
IH36532609/20	100	116	1,6	232,0	16	4,8	696,0	48	4,45	600
IH36532609/40	100	116	1,6	232,0	16	4,8	696,0	48	4,45	600
IH36532615/20	125	142	1,6	232,0	16	4,8	696,0	48	5,63	750
IH36532614/15	150	172	1,6	232,0	16	4,8	696,0	48	7,80	900
CARBURITE 16										
IH36532617/12	203	235	1,6	232,0	16	4,8	696,0	48	18,45	1400

CARBURITE 16 TUEV

RUBBER OIL HOSE CARBURITE 16 bar ΩTUEV – 8 ELEKTROLEITFAHIG – MADE IN ITALY Parker ITR

CARBURITE 16 – IH36532617/12

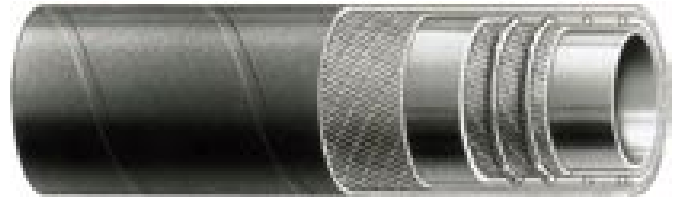
RUBBER OIL HOSE CARBURITE 16 bar MADE IN ITALY Parker ITR



CARBURITE F 305 10

Hose Construction

- Tube:** Black, smooth, NBR rubber compound, resistant to oil and fuel with an aromatic content not exceeding 50%
- Reinforcement:** Synthetic textile fabrics and embedded steel wire helix
- Cover:** Black, smooth, antistatic ($R < 1 \text{ M}\Omega/\text{m}$) NBR/SBR rubber compound, mineral oil, fuel, abrasion, ageing and weather resistant



Suction

Max. 0,8 bar (600 mm Hg)

Tolerances

RMA steel mandrel

On inside diameter:

$\leq \text{I.D. } 38 \text{ mm:}$ $\pm 0,79 \text{ mm}$

$> \text{I.D. } 38 \text{ mm:}$ $\pm 1,59 \text{ mm}$

Length tolerance: $\pm 1\%$

Applications

Suitable for suction and delivery of petroleum products in road and rail tankers, service stations and refineries and as a flexible connector in lines handling fuels and oils. Its strong construction and design make it suitable for heavy duty at low temperatures.

Temperature Range

-35 °C (-31 °F) to +80 °C (+176 °F)

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36532401/40	25	37	1,0	150,0	10	4,0	600,0	40	0,89	150
IH36532403/40	38	50	1,0	150,0	10	4,0	600,0	40	1,31	230
IH36532405/40	50	65	1,0	150,0	10	4,0	600,0	40	2,07	300
IH36532406/40	63,5	79	1,0	150,0	10	4,0	600,0	40	2,71	380
IH36532407/20	75	91	1,0	150,0	10	4,0	600,0	40	3,26	450
IH36532409/20	100	116	1,0	150,0	10	4,0	600,0	40	4,76	600

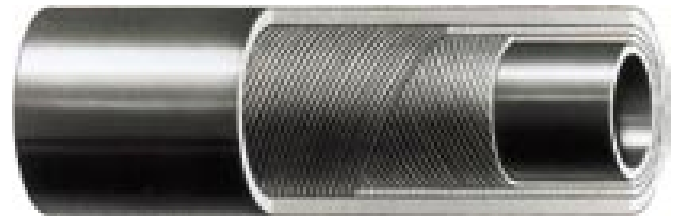
RUBBER OIL HOSE MADE IN ITALY Parker ITR

CARBOPRESS® D EN 1360/1 N/L

Hose according to EN 1360 Type 1

Hose Construction

- Tube:** Black, smooth, NBR rubber compound, antistatic ($R < 1 \text{ M}\Omega/\text{m}$)
- Reinforcement:** Synthetic textile yarns providing low dilation. Built-in copper wires to allow electrical continuity between fittings
- Cover:** Black, smooth, non-staining and antistatic ($R < 1 \text{ M}\Omega/\text{m}$) CR rubber compound resistant to abrasion, oil, fuel and weathering



Applications

Designed for dispensing metered quantities of automotive fuels from dispensing equipment (petrol pumps). Resistant to leaded and unleaded petrol (gasoline) with an aromatic content not exceeding 50%.

Tolerances

- On inside diameter:**
 - ≤ I.D. 19 mm: ± 0,80 mm
 - > I.D. 19 mm: ± 1,25 mm
- On outside diameter:**
 - ≤ O.D. 31 mm: ± 0,80 mm
 - > O.D. 31 mm: ± 1,25 mm
- Length tolerance:** ± 1%

Note

Cover available on request in other colours

Temperature Range

-25 °C (-13 °F) to +55 °C (+131 °F)

Part Number / Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30502403/80	15	25	1,6	232,0	16	4,8	696,0	48	0,45	75
IH30502420/50	16	26	1,6	232,0	16	4,8	696,0	48	0,47	80
IH30502420/90	16	26	1,6	232,0	16	4,8	696,0	48	0,47	80
IH30502421/80	18	30	1,6	232,0	16	4,8	696,0	48	0,64	90
IH30502407/50	19	31	1,6	232,0	16	4,8	696,0	48	0,63	95
IH30502411/50	21	31	1,6	232,0	16	4,8	696,0	48	0,53	105
IH30502422/40	25	38	1,6	232,0	16	4,8	696,0	48	0,90	125
IH30502422/50	25	38	1,6	232,0	16	4,8	696,0	48	0,90	125

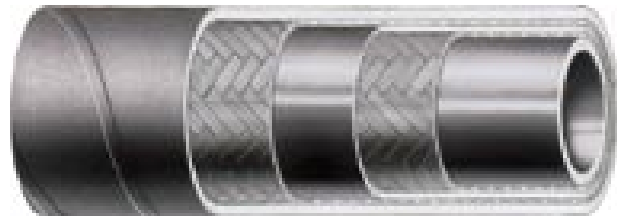
CARBOPRESS D EN 1360 Type 1 - I.D.mm – 16 bar – M –MADE IN ITALY Parker ITR
Quarter/Year with traceability code

CARBOPRESS® D EN 1360/3

Hose according to EN 1360 Type 3

Hose Construction

- Tube:** Black, smooth, NBR rubber compound
- Reinforcement:** One braid of high tensile steel wire, providing low dilation, electrical continuity between both ends and giving better strength and resistance to crushing and accidental breakage
- Cover:** Black, non-staining and antistatic (R < 1 MΩ/m) CR rubber resistant to abrasion, oil, fuel and weathering



Temperature Range

-25 °C (-13 °F) to +55 °C (+131 °F)

Packing

Cardboard boxes on wooden pallets.

Tolerances

On inside diameter:

≤ I.D. 19 mm: ± 0,80 mm

> I.D. 19 mm: ± 1,25 mm

Length tolerance: ± 1%

Note

Also complies with to BS 3396 Type 3

Applications

Designed for dispensing metered quantities of automotive fuels from dispensing equipment (petrol pumps). Resistant to fuel oils for oil engines and burners for non marine use, leaded and unleaded petrol (gasoline) for motor vehicles with an aromatic content not exceeding 50%.

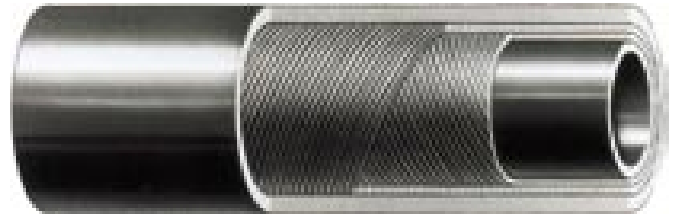
Part Number / Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30512902/40	16	26	1,6	232,0	16	4,8	696,0	48	0,55	80
IH30512906/40	19	32	1,6	232,0	16	4,8	696,0	48	0,80	100
IH30512909/40	25	38	1,6	232,0	16	4,8	696,0	48	0,98	130

CARBOPRESS D EN 1360 Type 3 I.D. mm - 16 bar –MADE IN ITALY Parker ITR
Quarter/Year with traceability code

CARBOPRESS® D ARTIC N/L

Hose Construction

- Tube:** Black, smooth, NBR rubber compound
- Reinforcement:** Synthetic textile yarns providing low dilation, built-in copper wires to allow electrical continuity between fittings
- Cover:** Black, smooth, non-staining and antistatic (R<1 MΩ/m) synthetic rubber compound resistant to abrasion, oil, fuel and weathering



Applications







Designed for dispensing equipment (petrol pumps) on cold sites. Resistant to leaded and unleaded petrol (gasoline) with an aromatic content not exceeding 50%.

Tolerances

- On inside diameter:**
 - I.D. 18 mm: ± 0,80 mm
 - I.D. 25 mm: ± 1,25 mm
- On outside diameter:**
 - O.D. 30 mm: ± 0,80
 - O.D. 38 mm: ± 1,25
- Length tolerance:** ± 1%

Temperature Range

-40 °C (-40 °F) to +55 °C (+131 °F)

Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30502330/80	18	30	1,6	232,0	16	4,8	696,0	48	0,61	110
IH30502331/40	25	38	1,6	232,0	16	4,8	696,0	48	0,86	150
IH30502331/50	25	38	1,6	232,0	16	4,8	696,0	48	0,86	150

RUBBER HOSE CARBOPRESS D ARTIC R<1MΩ/m MADE IN ITALY Parker ITR





CARBOPRESS® D RV

Vapour recovery coaxial hose
for fuel dispensers

Hose Construction INNER HOSE

Tube: Black, smooth, NBR rubber compound, resistant to leaded and unleaded fuels

Reinforcement: One wire braid

Cover: Black, smooth, NBR rubber compound, resistant to lead and unleaded fuel

Hose Construction EXTERNAL HOSE

Tube: Black, smooth, NBR rubber compound, antistatic ($R < 1 \text{ M}\Omega/\text{m}$) resistant to leaded and unleaded fuels

Reinforcement: Synthetic textile yarns with built-in copper wires to assure electrical continuity between both ends and the lower volumetric expansion

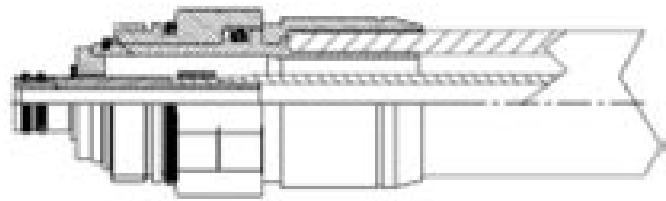
Cover: Black, smooth, CR rubber compound, non-staining and antistatic ($R < 1 \text{ M}\Omega/\text{m}$) resistant to abrasion, oil, fuel and weathering.

Applications

Special system designed with coaxial hoses, suitable for transfer of petroleum base products with aromatic content not exceeding 50% in all systems that utilise the vapour recovery hose technology. Light, flexible, strong, ideal for all those dispensers that utilise the vapour recovery hose assembly technology (petrol pumps) supplied with special reusable fittings.

Temperature Range

-25 °C (-13 °F) to +55 °C (+131 °F)



Assembly

Minimum bend radius: 75 mm

Total weight: Hose weight + 0,65 Kg

Hose length according to customer's specifications

– Connections M 34x1,5

– FPM Gaskets

– Electrical continuity between the fittings

– All the assemblies are 100% tested

– Protection at both ends

– Easy assembly

Accessories

On request, special handles available (green, yellow, red, blue and black colour) and thermoplastic springs to prevent damage at the hose-end.

On Request

CARBOPRESS D RV is also available with coloured cover (yellow-red-green-blue).

In all those applications where a very high cold resistance is particularly required, we suggest CARBOPRESS D RV ARTIC (black cover) for temperatures from -40 °C (-40 °F) to +55 °C (+131 °F).

Approval

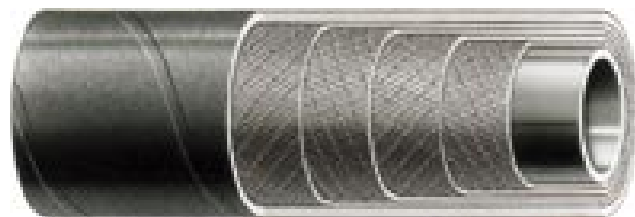
TUEV approval for ITR hose with the most common fuel dispensing systems

	IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure	Working Pressure			 Weight kg/m
					MPa	psi	bar	
Inner Hose	IH30512048/1	8	13	1,6	232,0	16	0,17	
Outer Hose	IH30512049/60	21	31	1,6	232,0	16	0,56	

VAPOR RECOVERY HOSE CARBOPRESS D RV MADE IN ITALY Parker ITR

CARBOCORD EN 12115

Manufactured according to EN 12115 meets TRbF 131 Teil 2 par. 5.5 (flame resistance)



Hose Construction

- Tube:** Black, smooth, NBR rubber compound, resistant to oil and fuel with an aromatic content not exceeding 50%.
- Reinforcement:** Synthetic textile fabrics and built-in copper wires to provide electrical continuity between both ends.
- Cover:** Black, smooth, NBR/SBR rubber compound, antistatic ($R < 1 \text{ M}\Omega/\text{m}$), oil, fuel, abrasion, ageing and weather resistant.

Tolerances

According to EN 12115

- On inside diameter:**
 - I.D. 19 - 38 mm: $\pm 0,50 \text{ mm}$
 - I.D. 50 mm: $\pm 0,70 \text{ mm}$
 - I.D. 63,5 - 100 mm: $\pm 0,80$
- On outside diameter:**
 - O.D. 31 - 51 mm: $\pm 1,00$
 - O.D. 66 - 91 mm: $\pm 1,20$
 - O.D. 116 mm: $\pm 1,60$
- Length tolerance:** $\pm 1\%$

Applications

Suitable for delivery of oil and fuel with an aromatic content not exceeding 50%.

Temperature Range

-25 °C (-13 °F) to +80 °C (+176 °F)

Part Number / Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36522309/40	19	31	1,6	232,0	16	6,4	928,0	64	0,60	125
IH36522310/40	25	37	1,6	232,0	16	6,4	928,0	64	0,89	150
IH36522311/40	32	44	1,6	232,0	16	6,4	928,0	64	1,00	175
IH36522312/40	38	51	1,6	232,0	16	6,4	928,0	64	1,30	225
IH36522313/40	50	66	1,6	232,0	16	6,4	928,0	64	2,00	275
IH36522314/40	63,5	79	1,6	232,0	16	6,4	928,0	64	2,40	300
IH36522315/40	75	91	1,6	232,0	16	6,4	928,0	64	2,80	350
IH36522316/40	100	116	1,0	150,0	10	4,8	696,0	48	3,80	450

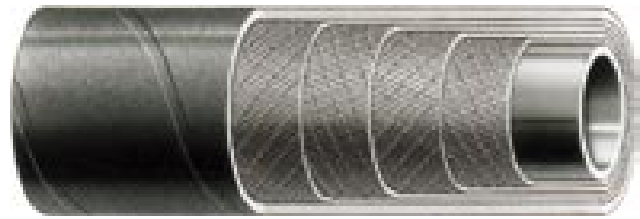
EN 12115 NBR 1D I.D. – PN .. – BP .. bar Ω – TRbF 131 T2 p.5.5 – Quarter/Year MADE IN ITALY Parker ITR



CARBOCORD 18 TUEV

Hose Construction

- Tube:** Black, smooth, NBR rubber compound, resistant to oil and fuel with an aromatic content not exceeding 50%
- Reinforcement:** Synthetic textile fabrics and built-in copper wires to provide electrical continuity between both ends
- Cover:** Black, smooth, antistatic ($R < 1 \text{ M}\Omega/\text{m}$), oil, fuel, abrasion, ageing and weather resistant, NBR/SBR rubber compound



Tolerances

- RMA steel mandrel
- On inside diameter:**
- ≤ I.D. 38 mm: ± 0,79 mm
 - > I.D. 38 mm: ± 1,59 mm
- On outside diameter:** ± 1,59 mm
- Length tolerance:** ± 1%

Applications

For loading and discharge of petroleum products with aromatic content not exceeding 50 %. It can be used as domestic fuel oil reeling hose. TUEV approval for the electrical resistance.

Temperature Range

-25 °C (-13 °F) to +80 °C (+176 °F)

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36522161/40	25	38	1,8	261,0	18	5,4	783,0	54	0,86	250
IH36522150/40	32	45	1,8	261,0	18	5,4	783,0	54	1,05	320
IH36522152/40	38	51	1,8	261,0	18	5,4	783,0	54	1,21	380
IH36522197/40	40	54	1,8	261,0	18	5,4	783,0	54	1,38	400
IH36522154/40	45	59	1,8	261,0	18	5,4	783,0	54	1,52	450
IH36522199/40	50	64	1,8	261,0	18	5,4	783,0	54	1,67	500
IH36522142/40	60	75	1,8	261,0	18	5,4	783,0	54	2,09	600
IH36522158/20	75	91	1,8	261,0	18	5,4	783,0	54	2,71	750
IH36522170/20	90	106	1,8	261,0	18	5,4	783,0	54	3,19	900
IH36522200/20	100	118	1,8	261,0	18	5,4	783,0	54	3,92	1000

RUBBER OIL HOSE CARBOCORD 18 bar TUEV R<1MΩ MADE IN ITALY Parker ITR

CARBURITE BS 3492-D

Hoses according to British Standard BS 3492 Type D



Hose Construction

- Tube:** Black, smooth, NBR rubber compound, resistant to oil and fuel with an aromatic content not exceeding 50%
- Reinforcement:** Synthetic textile fabrics, embedded steel wire helix and built-in copper wires for electrical continuity between both ends
- Cover:** Black, smooth, antistatic (R < 1 MΩ/m) NBR/SBR rubber compound, mineral oil, fuel, abrasion, ageing and weather resistant

Temperature Range

-25 °C (-13 °F) to +80 °C (+176 °F)

Suction







Max. 0,8 bar (600 mm Hg)

Tolerances

- BS 3492
- On inside diameter:**
 - I.D. 38 - 50 mm: ± 1,50 mm
 - > I.D. 50 mm: ± 2,00 mm
- Length tolerance:** ± 1%

Applications

Especially suitable for loading and unloading of mineral oil and fuels (with aromatic content not exceeding 50 %) for road and rail tankers. Also used in refineries and in service stations.

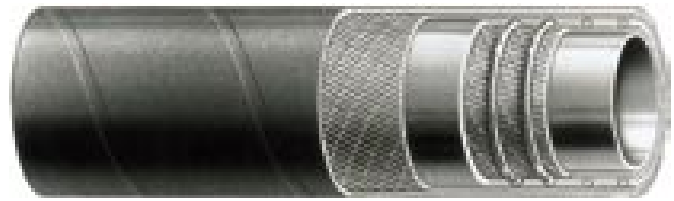
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36532503/40	38	48	0,7	101,5	7	2,8	406,0	28	1,10	230
IH36532504/40	50	60	0,7	101,5	7	2,8	406,0	28	1,42	310
IH36532505/40	63,5	75	0,7	101,5	7	2,8	406,0	28	2,05	380
IH36532506/20	75	87	0,7	101,5	7	2,8	406,0	28	2,52	460
IH36532508/20	100	114	0,7	101,5	7	2,8	406,0	28	4,04	560

RUBBER HOSE FOR OIL Suction CARBURITE RR BS 3492 – D – I.D.mm –7 bar Month/Year MADE IN ITALY Parker ITR



CHEMIOEL EN 12115

Manufactured according to
EN 12115 meets TRbF 131 Teil 2 par. 5.5
(flame resistance)



Hose Construction

- Tube:** Black, smooth, NBR rubber compound, resistant to oil and fuel with an aromatic content not exceeding 50 %
- Reinforcement:** Synthetic textile fabrics, embedded steel wire helix and built-in copper wire to facilitate the electrical connection between the hose and the end couplings
- Cover:** Black, smooth, NBR/SBR rubber compound, antistatic (R < 1 MΩ/m), oil, fuel, abrasion, ageing and weather resistant

Applications

Designed for suction and delivery of mineral oils and fuels with an aromatic content not exceeding 50 %.

Temperature Range

-25 °C (-13 °F) to +80 °C (+176 °F)

Suction

≤ I.D. 63,5 mm: 0,90 bar
> I.D. 63,5 mm: 0,80 bar

Tolerances

According to EN 12115

On inside diameter:

I.D. 19 - 38 mm: ± 0,50 mm
I.D. 50 mm: ± 0,70 mm
I.D. 63,5 - 100 mm: ± 0,80

On outside diameter:

O.D. 31 - 51 mm: ± 1,00
O.D. 66 - 91 mm: ± 1,20
O.D. 116 mm: ± 1,60

Length tolerance: ± 1%

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36530229/40	19	31	1,6	232,0	16	6,4	928,0	64	0,70	125
IH36530230/40	25	37	1,6	232,0	16	6,4	928,0	64	0,90	150
IH36530231/40	32	44	1,6	232,0	16	6,4	928,0	64	1,20	175
IH36530232/40	38	51	1,6	232,0	16	6,4	928,0	64	1,50	225
IH36530233/40	50	66	1,6	232,0	16	6,4	928,0	64	2,30	275
IH36530234/40	63,5	79	1,6	232,0	16	6,4	928,0	64	2,80	300
IH36530235/40	75	91	1,6	232,0	16	6,4	928,0	64	3,30	350
IH36530236/20	100	116	1,0	150,0	10	4,8	696,0	48	4,70	450

EN 12115 NBR - SD 1 I.D. - PN .. - BP .. bar Ω- TRbF 131 T2 p.5.5 - Quarter/Year MADE IN ITALY Parker ITR

RAGUSA 4

Hose Construction

- Tube:** Black, smooth, NBR rubber compound, resistant to oil and fuel with an aromatic content not exceeding 50%
- Reinforcement:** Synthetic textile fabrics, embedded steel wire helix and built-in copper wire for electrical continuity at both ends
- Cover:** Black: oil, fuel, abrasion and weather resistant, antistatic ($R < 1 \text{ M}\Omega/\text{m}$) corrugated NBR/SBR rubber compound. Generally manufactured with soft cuffed ends and supplied in lengths required



Temperature Range

-25 °C (-13 °F) to +80 °C (+176 °F)

Suction

Max. 0,8 bar (600 mm Hg)

Tolerances






RMA steel mandrel

On inside diameter: $\pm 1,59 \text{ mm}$

Length tolerance: $\pm 1\%$

Applications

Suitable for suction and delivery of mineral oils and fuels having an aromatic content not exceeding 50 %, when a lightweight and flexible hose is required.

Part Number / Standard Length* m	 I.D. mm	-	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36538099/0	38	-	0,4	58,0	4	1,6	232	16	1,10	150
IH36538100/0	40	-	0,4	58,0	4	1,6	232	16	1,15	160
IH36538101/0	50	-	0,4	58,0	4	1,6	232	16	1,39	200
IH36538106/0	60	-	0,4	58,0	4	1,6	232	16	1,80	240
IH36538105/0	63,5	-	0,4	58,0	4	1,6	232	16	1,89	250
IH36538102/0	75	-	0,4	58,0	4	1,6	232	16	2,19	300
IH36538103/0	80	-	0,4	58,0	4	1,6	232	16	2,32	320
IH36538104/0	100	-	0,4	58,0	4	1,6	232	16	3,08	400

* the length is variable according to the application

(yellow transfer) N° PROGRESS. MATRIC.

(yellow transfer) RAGUSA MADE IN ITALY Parker ITR



CARBUREX

Hose Construction

Flexible hose having a beige, rigid spiral embedded in a blue PVC wall.



Applications

For suction and delivery of petroleum products, diesel and fuels oils. It is particularly suitable for transferring domestic fuel oil from tank-trucks to storage tanks.

Temperature Range

-5 °C (+23 °F) to +60 °C (+140 °F)

Suction

≤ I.D. 50 mm: 0,80 bar (600 mm Hg)
> I.D. 50 mm: 0,70 bar (530 mm Hg)

Tolerances

On inside diameter:

≤ I.D. 50 mm: ± 0,50 mm
> I.D. 50 mm: ± 1,00 mm

On wall thickness:

± 0,50 mm

Length tolerance:

± 1%

All other technical data are subject to a ± 5% tolerance.

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 Wall thickness mm	Working Pressure			Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH35540025/50	25	4,0	1,2	174,0	12	3,6	522,0	36	0,57	100
IH35540025/70	25	4,0	1,2	174,0	12	3,6	522,0	36	0,57	100
IH35540030/70	30	4,3	1,0	150,0	10	3,0	450,0	30	0,65	120
IH35541032/70	32	4,3	1,0	150,0	10	3,0	450,0	30	0,66	130
IH35540035/70	35	4,5	0,9	130,5	9	2,7	391,5	27	0,71	140
IH35541038/70	38	4,7	0,9	130,5	9	2,7	391,5	27	0,76	150
IH35540040/70	40	4,7	0,9	130,5	9	2,7	391,5	27	0,80	160
IH35540045/70	45	5,0	0,8	116,0	8	2,4	348,0	24	0,90	180
IH35540050/40	50	5,2	0,7	101,5	7	2,1	304,5	21	1,23	200
IH35540050/50	50	5,2	0,7	101,5	7	2,1	304,5	21	1,23	200
IH35540050/70	50	5,2	0,7	101,5	7	2,1	304,5	21	1,23	200
IH35540060/70	60	5,7	0,7	101,5	7	2,1	304,5	21	1,50	240
IH35540070/30	70	6,0	0,6	87,0	6	1,8	261,0	18	1,80	280
IH35540080/30	80	6,2	0,5	72,5	5	1,5	217,5	15	2,10	320
IH35541090/30	90	6,4	0,5	72,5	5	1,5	217,5	15	2,45	360
IH35540100/30	100	7,0	0,5	72,5	5	1,5	217,5	15	3,10	400

CARBUREX I.D. mm Parker ITR

CARBUREX/ANC

Hose Construction

Flexible hose having a beige, rigid spiral embedded in a blue PVC wall, with an outer copper braid giving electrical continuity at both ends.



Applications

For suction and delivery of petroleum products, diesel and fuels oils. It is particularly suitable for transferring domestic fuel oil from tank-trucks to storage tanks.

Temperature Range

-5 °C (+23 °F) to +60 °C (+140 °F)

Suction

≤ I.D. 50 mm: 0,80 bar (600 mm Hg)
 > I.D. 50 mm: 0,70 bar (530 mm Hg)

Tolerances

On inside diameter:

≤ I.D. 50 mm: ± 0,50 mm
 > I.D. 50 mm: ± 1,00 mm







On wall thickness:

± 0,50 mm

Length tolerance:

± 1%

All other technical data are subject to a ± 5% tolerance.

Part Number / Standard Length m	 I.D. mm	 Wall thickness mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH35550040/70	40	4,7	0,9	130,5	9	2,7	391,5	27	0,80	160
IH35550050/70	50	5,2	0,7	101,5	7	2,1	304,5	21	1,23	200
IH35550080/30	80	6,2	0,5	72,5	5	1,5	217,5	15	2,10	320
IH35550100/30	100	7,0	0,5	72,5	5	1,5	217,5	15	3,10	400

CARBUREX ANC I.D. mm Parker ITR



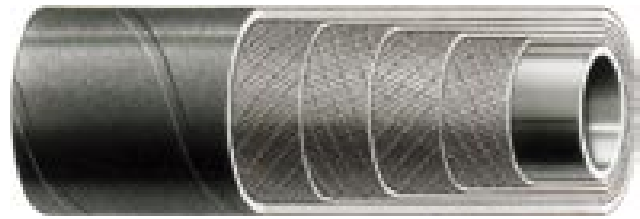


GASTRUCK EN 1762 D-M

Hose according to ITR specification exceed EN 1762

Hose Construction

- Tube:** Low diffusion rate NBR rubber compound of uniform thickness
- Reinforcement:** Synthetic textile fabrics, embedded built-in copper wire to facilitate the electrical connection between the hose and the end couplings
- Cover:** Black, smooth, antistatic ($R < 1 \text{ M}\Omega/\text{m}$), abrasion, oil, fuel and weather resistant NBR/SBR rubber compound. Pin-pricked to prevent the formation of blisters



Suction

\leq I.D. 51 mm: 0,80 bar (600 mm Hg)

Tolerances

On inside diameter:

\leq I.D. 38 mm: $\pm 0,50 \text{ mm}$

$>$ I.D. 38 mm: $\pm 0,60 \text{ mm}$

On outside diameter:

\leq O.D. 52 mm: $\pm 1,00 \text{ mm}$

$>$ O.D. 52 mm: $\pm 1,20 \text{ mm}$

Length tolerance: $\pm 1\%$

Applications

Liquid gas application (methane, propane, LPG) loading of tankers. According to EN 1762 (hoses and hose assemblies for LPG and natural gas)

Temperature Range

-40 °C (-40 °F) to +55 °C (+131 °F)

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	Working Pressure			Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30515070/40	10	19	2,5	362,5	25	10	1450	100	0,30	60
IH30515071/40	13	23	2,5	362,5	25	10	1450	100	0,40	80
IH30515072/40	16	26	2,5	362,5	25	10	1450	100	0,47	100
IH36520580/40	19	31	2,5	362,5	25	10	1450	100	0,61	160
IH36520581/40	25	38	2,5	362,5	25	10	1450	100	0,83	200
IH36520582/40	32	45	2,5	362,5	25	10	1450	100	1,00	250
IH36520583/40	38	52	2,5	362,5	25	10	1450	100	1,27	320
IH36520584/40	50	66	2,5	362,5	25	10	1450	100	1,84	400
IH36520585/40	51	67	2,5	362,5	25	10	1450	100	1,87	400
IH36520586/40	63	80	2,5	362,5	25	10	1450	100	2,25	550
IH36520587/40	75	93	2,5	362,5	25	10	1450	100	3,00	650

RUBBER HOSE GASTRUCK – EN 1762 – Type D – I.D. mm – W.P. 25 bar – M – Quarter/Year MADE IN ITALY Parker ITR



GASTRUCK EN 1762 SD-M

Hose according to ITR specification exceed EN 1762

Hose Construction

- Tube:** Low diffusion rate NBR rubber compound of uniform thickness
- Reinforcement:** Synthetic textile fabrics, embedded stainless steel wire helix and built-in copper wire to facilitate the electrical connection between the hose and the end couplings
- Cover:** Black, smooth, antistatic (R < 1 MΩ/m), abrasion, oil, fuel and weather resistant NBR/SBR rubber compound. Pin-pricked to prevent the formation of blisters



Temperature Range

-40 °C (-40 °F) to +55 °C (+131 °F)

Suction

≤ I.D. 51 mm: 0,80 bar (600 mm Hg)

Tolerances

On inside diameter:

≤ I.D. 38 mm: ± 0,50 mm

> I.D. 38 mm: ± 0,60 mm

On outside diameter:







≤ O.D. 52 mm: ± 1,00 mm

> O.D. 52 mm: ± 1,20 mm

Length tolerance: ± 1%

Applications

Liquid gas applications (methane, propane, LPG) in the loading and unloading of tankers. Complies with EN 1762 (hoses and hose assemblies for LPG and natural gas).

HXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36532800/40	19	31	2,5	362,5	25	10,0	1500,0	100	0,80	100
IH36532801/40	25	38	2,5	362,5	25	10,0	1500,0	100	1,00	150
IH36532802/40	32	45	2,5	362,5	25	10,0	1500,0	100	1,25	200
IH36532803/40	38	52	2,5	362,5	25	10,0	1500,0	100	1,60	280
IH36532804/40	50	66	2,5	362,5	25	10,0	1500,0	100	2,35	350
IH36532805/40	51	67	2,5	362,5	25	10,0	1500,0	100	2,38	350

RUBBER HOSE GASTRUCK – EN 1762 – Type SD – I.D.mm – W.P. 25 bar – M – Quarter/Year MADE IN ITALY Parker ITR





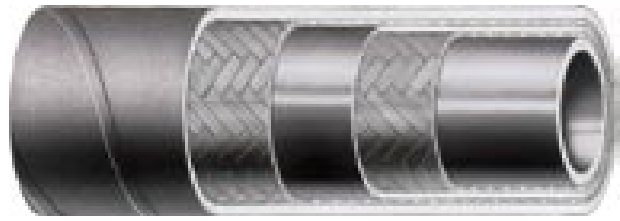
ROBUR GPL

Hose according to ITR specification

Hose Construction

Tube: Low diffusion rate seamless extruded NBR rubber compound of uniform thickness.

Reinforcement: Two braids of high tensile steel wire
Cover: Black, SBR/CR rubber compound pin-pricked to prevent the formation of blisters, resistant to abrasion, oils, ozone and weathering



Tolerances

Length tolerance: $\pm 1\%$

Applications

Liquid gas applications (methane, propane, LPG) in the loading and unloading of tankers.

Temperature Range

-40 °C (-40 °F) to +55 °C (+131 °F)

Packing

Cardboard boxes on wooden pallets.

IHXXXXXXXXXX Part Number / Standard Length m	N.D.		 O.D. mm	Working Pressure			Burst Pressure			 Weight kg/m	 min. Bend Radius mm
	mm	inch		MPa	psi	bar	MPa	psi	bar		
IH36520560/0	6,5	1/4	16,6	5	725,0	50	138	20010,0	1380	0,43	60
IH36520561/0	8	5/16	17,7	5	725,0	50	118	17110,0	1180	0,45	70
IH36520562/0	9,5	3/8	20,2	5	725,0	50	110	15950,0	1100	0,56	80
IH36520563/0	13	1/2	23,2	5	725,0	50	96	13920,0	960	0,68	90
IH36520564/0	16	5/8	26,5	5	725,0	50	76	11020,0	760	0,8	95
IH36520565/0	19	3/4	30,5	5	725,0	50	62	8990,0	620	1,03	100
IH36520566/0	25	1	38,5	5	725,0	50	56	8120,0	560	1,41	150
IH36520567/0	32	1.1/4	45,6	3	450,0	30	44	6380,0	440	1,82	200
IH36520568/0	38	1.1/2	52	3	450,0	30	34	4930,0	340	2	280
IH36520569/0	51	2	66,5	3	450,0	30	32	4640,0	320	2,86	350

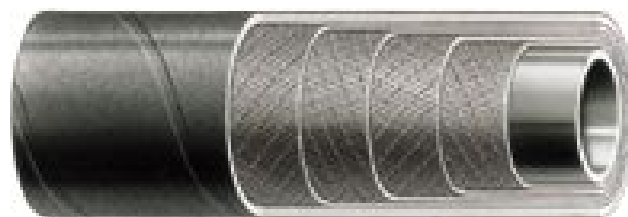
ROBUR GPL I.D.mm W.P. bar – M – MADE IN ITALY Parker ITR Quarter/Year with traceability code



JETCORD B EN 1361

Hose Construction

- Tube:** Black, smooth, NBR rubber compound, resistant to aviation gasoline and jet fuels having an aromatic content not exceeding 50%
- Reinforcement:** Synthetic textile fabrics
- Cover:** Black, CR rubber compound, resistant to mineral oil, fuels, abrasion, ozone and weathering, electrically bonded with built-in copper wires



Applications

Designed for the ground refuelling of aircraft conforming to EN 1361 type B.

Temperature Range

-40 °C (-40 °F) to +70 °C (+158 °F)

Tolerances

According to EN 1361

On inside diameter:

≤ I.D. 38 mm:	± 0,80 mm
I.D. 50 - 75 mm:	± 1,20 mm
I.D. 100 mm:	± 1,60 mm

Length tolerance: ± 1%

Assembly

JETCORD can be supplied as ready made assemblies.

Certification

A test certificate for each hose can be supplied on request.

Part Number / Standard Length* m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36522850/0	25	39	2,0	300,0	20	8,0	1200,0	80	0,93	150
IH36522851/0	32	46	2,0	300,0	20	8,0	1200,0	80	1,12	187
IH36522852/0	38	52	2,0	300,0	20	8,0	1200,0	80	1,31	225
IH36522853/0	50	67	2,0	300,0	20	8,0	1200,0	80	2,04	275
IH36522854/0	63,5	80	2,0	300,0	20	8,0	1200,0	80	2,50	300
IH36522856/0	75	92	2,0	300,0	20	8,0	1200,0	80	2,90	300
IH36522855/0	100	122	2,0	300,0	20	8,0	1200,0	80	5,02	450

* the length is variable according to the application

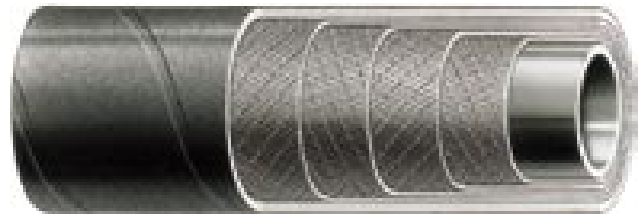
RUBBER HOSE JETCORD EN 1361/B I.D. mm W.P. 20 bar Quarter/Year MADE IN ITALY Parker ITR



JETCORD C EN 1361

Hose Construction

- Tube:** Black, smooth, NBR rubber compound, resistant to aviation gasoline and jet fuels having an aromatic content not exceeding 50%
- Reinforcement:** Synthetic textile fabrics
- Cover:** Black, CR rubber compound, resistant to mineral oil, fuels, abrasion, ozone and weathering, non-electrically bonded, but incorporating an antistatic cover compound (R between 10^3 and $10^6 \Omega/m$)



Tolerances

According to EN 1361

On inside diameter:

- ≤ I.D. 38 mm: ± 0,80 mm
- I.D. 50 - 76 mm: ± 1,20 mm
- > I.D. 76 mm: ± 1,60 mm

Length tolerance: ± 1%

Applications

Designed for the ground refuelling of aircraft conforming to EN 1361 type C.

Assembly

JETCORD can be supplied as ready made assemblies.

Temperature Range

-40 °C (-40 °F) to +70 °C (+158 °F)

Certification

A test certificate for each hose can be supplied on request.

IHXXXXXXXXXX Part Number / Standard Length* m	 I.D. mm	 O.D. mm	Working Pressure			Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36522897/0	25	39	2,0	300,0	20	8,0	1200,0	80	0,90	150
IH36522898/0	32	46	2,0	300,0	20	8,0	1200,0	80	1,10	187
IH36522899/0	38	52	2,0	300,0	20	8,0	1200,0	80	1,28	225
IH36522900/0	50	67	2,0	300,0	20	8,0	1200,0	80	2,01	275
IH36522901/0	63,5	80	2,0	300,0	20	8,0	1200,0	80	2,47	300
IH36522902/0	75	92	2,0	300,0	20	8,0	1200,0	80	2,87	300
IH36522904/0	76	93	2,0	300,0	20	8,0	1200,0	80	2,90	300
IH36522903/0	100	122	2,0	300,0	20	8,0	1200,0	80	5,00	450

* the length is variable according to the application

RUBBER HOSE JETCORD EN 1361/C I.D. mm W.P. 20 bar Quarter/Year MADE IN ITALY Parker ITR

JETCORD E EN 1361

Hose Construction

- Tube:** Black, smooth, NBR rubber compound, resistant to aviation gasoline and jet fuels having an aromatic content not exceeding 50%
- Reinforcement:** Synthetic textile fabrics and embedded wire helix
- Cover:** Black, CR rubber compound, resistant to mineral oil, fuels, abrasion, ozone and weathering, with enhanced defuelling capability, electrically conducting and incorporating a wire helix reinforcement



Applications

Designed for use in all operations associated with the ground refuelling and fuel discharging of aircraft conforming to EN 1361 type E.

Temperature Range

-40 °C (-40 °F) to +70 °C (+158 °F)

Suction

Max. 0,85 bar (646 mm Hg)

Tolerances

According to EN 1361







- On inside diameter:**
 - ≤ I.D. 38 mm: ± 0,80 mm
 - I.D. 50 - 75 mm: ± 1,20 mm
 - I.D. 100 mm: ± 1,60 mm
- Length tolerance:** ± 1%

Assembly

JETCORD can be supplied as ready made assemblies.

Certification

A test certificate for each hose can be supplied on request.

XXXXXXXXXX Part Number / Standard Length* m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36522940/0	25	40	2,0	300,0	20	8,0	1200,0	80	1,15	150
IH36522941/0	32	46	2,0	300,0	20	8,0	1200,0	80	1,31	187
IH36522942/0	38	54	2,0	300,0	20	8,0	1200,0	80	1,76	225
IH36522943/0	50	67	2,0	300,0	20	8,0	1200,0	80	2,36	275
IH36522945/0	63,5	82	2,0	300,0	20	8,0	1200,0	80	3,29	300
IH36522944/0	75	94	2,0	300,0	20	8,0	1200,0	80	3,83	300
IH36522946/0	100	122	2,0	300,0	20	8,0	1200,0	80	5,96	450

* the length is variable according to the application

RUBBER HOSE JETCORD EN 1361/E I.D. mm W.P. 20 bar Quarter/Year MADE IN ITALY Parker ITR

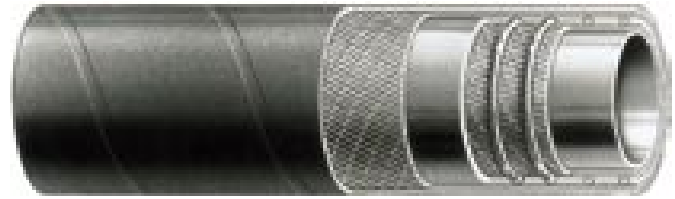




JETCORD F EN 1361

Hose Construction

- Tube:** Black, smooth, NBR rubber compound, resistant to aviation gasoline and jet fuels having an aromatic content not exceeding 50%
- Reinforcement:** Synthetic textile fabrics and embedded nylon helix
- Cover:** Black, CR rubber compound, resistant to mineral oil, fuels, abrasion, ozone and weathering, with enhanced defuelling capability, non-electrically conducting and incorporating a non-metallic helix reinforcement with an antistatic cover compound (R between 10^3 and $10^6 \Omega/m$)



Suction

Max. 0,65 bar (495 mm Hg)

Tolerances

According to EN 1361

On inside diameter:

≤ I.D. 38 mm:	± 0,80 mm
I.D. 50 - 75 mm:	± 1,20 mm
I.D. 100 mm:	± 1,60 mm

Length tolerance:

± 1%

Applications

Designed for use in all operations associated with the ground refuelling and fuel discharging of aircraft conforming to EN 1361 type F.

Assembly

JETCORD can be supplied as ready made assemblies.

Temperature Range

-40 °C (-40 °F) to +70 °C (+158 °F)

Certification

A test certificate for each hose can be supplied on request.

IHXXXXXXXXXX Part Number / Standard Length* m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36522926/0	25	41	2,0	300,0	20	8,0	1200,0	80	1,26	150
IH36522927/0	32	52	2,0	300,0	20	8,0	1200,0	80	1,67	187
IH36522928/0	38	58	2,0	300,0	20	8,0	1200,0	80	1,90	225
IH36522929/0	50	70	2,0	300,0	20	8,0	1200,0	80	2,45	275
IH36522930/0	63,5	83,5	2,0	300,0	20	8,0	1200,0	80	3,03	300
IH36522931/0	75	98	2,0	300,0	20	8,0	1200,0	80	3,98	300
IH36522932/0	100	127	2,0	300,0	20	8,0	1200,0	80	6,07	450

* the length is variable according to the application

RUBBER HOSE JETCORD EN 1361/F I.D. mm W.P. 20 bar Quarter/Year MADE IN ITALY Parker ITR



JETCORD XT/C

Hoses according to
API 1529 Type C – Grade 2

Hose Construction

Tube: Black, smooth, NBR rubber compound, resistant to aviation fuels having an aromatic content not exceeding 50%

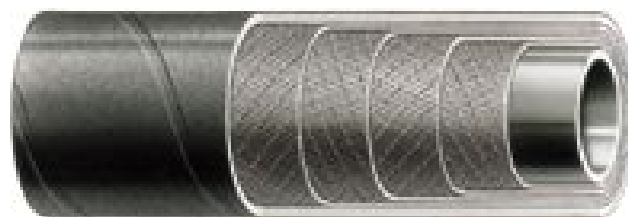
Reinforcement: Synthetic textile fabrics
Cover: Black, CR rubber compound, resistant to mineral oil, fuels, abrasion, ozone and weathering, non-electrically bonded, but incorporating an antistatic cover compound (R between 10^3 and $10^6 \Omega/m$)

Applications

Designed for use in all operations associated with the ground refuelling of aircraft conforming to API 1529 type C-Grade 2.

Temperature Range

-40 °C (-40 °F) to +70 °C (+158 °F)



Tolerances

According to API 1529

On inside diameter:

≤ I.D. 38 mm: ± 0,80 mm

I.D. 50 - 75 mm: ± 1,20 mm

I.D. 100 mm: ± 1,60 mm

Length tolerance: ± 1%

Assembly

JETCORD can be supplied as ready made assemblies.

Certification

A test certificate for each hose can be supplied on request.

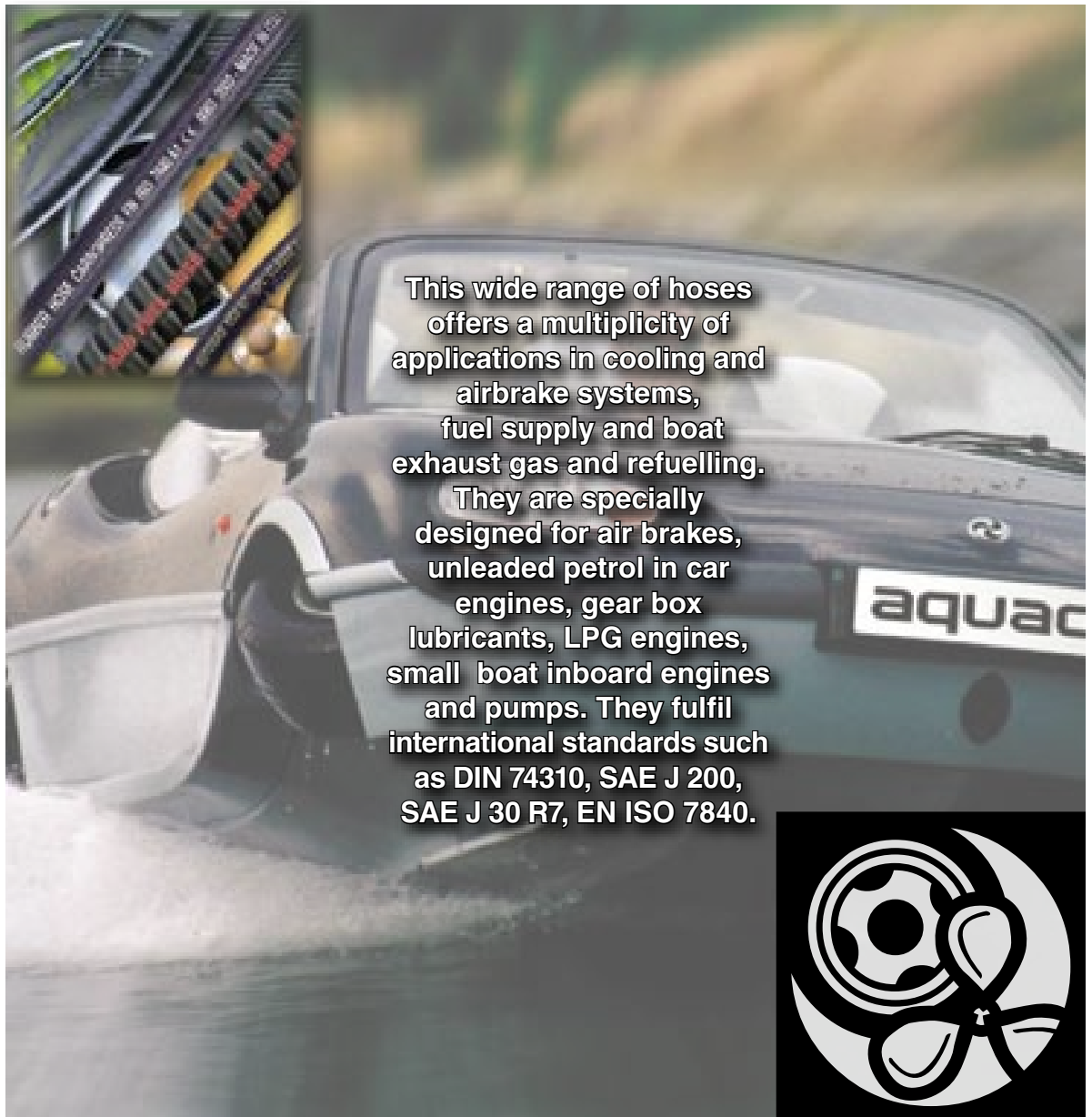
IHXXXXXXXXXX Part Number / Standard Length* m	 I.D. mm	 O.D. mm	Working Pressure			Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36522802/0	25	38,5	2,0	300,0	20	8,0	1200,0	80	0,90	125
IH36522801/0	32	45,5	2,0	300,0	20	8,0	1200,0	80	1,09	160
IH36522803/0	38	51,5	2,0	300,0	20	8,0	1200,0	80	1,28	190
IH36522434/0	50	67	2,0	300,0	20	8,0	1200,0	80	2,02	250
IH36522435/0	63,5	80	2,0	300,0	20	8,0	1200,0	80	2,48	310
IH36522804/0	75	92	2,0	300,0	20	8,0	1200,0	80	2,88	375
IH36522800/0	100	122	2,0	300,0	20	8,0	1200,0	80	5,01	500

* the length is variable according to the application

AIRCRAFT FUELING HOSE-API 1529 JETCORD XT type C/grade 2 W.P. 300 psi Quarter/Year MADE IN ITALY Parker ITR



Automotive and Boat Hoses



This wide range of hoses offers a multiplicity of applications in cooling and airbrake systems, fuel supply and boat exhaust gas and refuelling.

They are specially designed for air brakes, unleaded petrol in car engines, gear box lubricants, LPG engines, small boat inboard engines and pumps. They fulfil international standards such as DIN 74310, SAE J 200, SAE J 30 R7, EN ISO 7840.





Automotive

Cooling System



RADIOR 10

Suitable for cooling and heating systems of automotive LPG and CNG installations.

Air Brake System



AIRBRAKE DIN 74310 AIRBRAKE SAE J 1402-A

Widely used in automotive air brake systems.

Automotive Fuel Supply



CARBOPRESS SAE J 200 N/L CARBOPRESS SAE J 30 R7 N/L

Suitable for fuels, unleaded petrol in car-engines, gear box lubricant.



TBSE-TBE

Designed to supply petrol engines with fuels.



AUTOGAS ECE 67/110 CLASS 2

Designed according to ECE67/110 for low pressure delivery (4,5 bar) of LPG and CNG for automotive gas applications.

Boat

Boat Fuel Supply



CARBOPRESS EN ISO 7840 A1 CARBOCORD EN ISO 7840 A1-A2 CARBURITE EN ISO 7840 A1-A2

Designed according to EN ISO 7840, self-extinguishing, suitable for fuel not exceeding 50% aromatic content, for small craft of up to 24 m length. Complies with the essential requirements given in the European Directive for small craft 94/25/CE.

Boat Exhaust Gas and Refuelling



SM/TR 311 - SM/TR 311 OND

Manufactured according to Nordic Boat Standard 1990 MC-8 and MC-9, EN ISO 7840 class A1 and meets European Directive 94/25/CE. For use in water cooling exhaust gas systems and also as self-extinguishing fuel hose for craft. Suitable for oils and fuels having an aromatic content up to 50%.

Boat Sanitary



VARIOPRESS SM NW 10

Specially designed as effluent hose for leisure boat toilet systems.



VARIOPRESS SM WW 10

Light-weight and flexible, specially designed as effluent hose for leisure boat toilet systems.



L – Automotive and Boat Hose

Automotive

Cooling System

RADIOR 10 ▶ L4

Air Brake System

AIRBRAKE DIN 74310 ▶ L5

AIRBRAKE SAE J 1402-A ▶ L6

Automotive Fuel Supply

CARBOPRESS SAE J 200 N/L ▶ L7

CARBOPRESS SAE J 30 R7 N/L ▶ L8

TBSE ▶ L9

TBE ▶ L10

AUTOGAS ECE 67/110 CLASS 2 ▶ L11

Boat

Boat Fuel Supply

CARBOPRESS EN ISO 7840 A1 ▶ L12

CARBOCORD EN ISO 7840 A1 ▶ L13

CARBURITE EN ISO 7840 A1 ▶ L14

Boat Exhaust Gas and Refuelling

SM/TR 311 ▶ L15

SM/TR 311 OND ▶ L16

Boat Sanitary

VARIOPRESS SM NW 10 ▶ L17

VARIOPRESS SM WW 10 ▶ L18

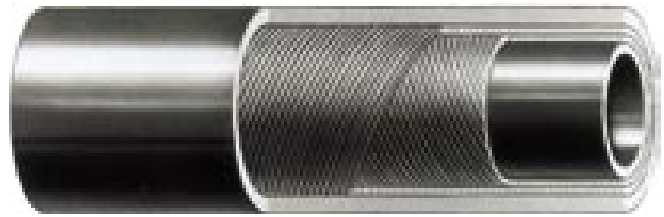




RADIOR 10

Hose Construction

- Tube:** Smooth , black, EPDM rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Smooth, black, heat, ageing and weather-resistant EPDM rubber compound



Applications

Flexible rubber hose for delivery of hot water in heating and cooling of automotive LPG and methane systems.

Tolerances

According to UNI EN ISO 1307/97

- On inside diameter:** $\pm 0,80$ mm
- Length tolerance:** $\pm 1\%$

Temperature Range

-30 °C (-22 °F) to + 100 °C (+212 °F),
with peaks - 120 °C (+248 °F)

Part Number / Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30114029/50	7	13	1,0	150,0	10	3,0	450,0	30	0,13	50
IH30114030/50	15	23	1,0	150,0	10	3,0	450,0	30	0,35	90
IH30114030/100	15	23	1,0	150,0	10	3,0	450,0	30	0,35	90

RUBBER HOSE RADIOR 10 bar I.D. mm MADE IN ITALY Parker ITR



AIRBRAKE DIN 74310

Hose Construction

- Tube:** Black, smooth EPDM rubber compound, low permeability to air
- Reinforcement:** Highly stress-resistant, synthetic textile yarns
- Cover:** Black, abrasion, ageing and weather-resistant, smooth EPDM rubber compound



Applications

Widely used in automotive air brake systems.

Temperature Range

-40 °C (-40 °F) to + 70 °C (+158 °F)

Tolerances

- DIN 74310
- ≤ I.D. 9 mm: ± 0,50 mm
- > I.D. 9 mm: ± 0,60 mm
- On wall thickness:** ± 0,50 mm
- Length tolerance:** ± 0,5%

FITTINGS

We recommend using fittings that comply with DIN 74304 and to DIN 74325 and clamps with DIN 3017.

Part Number / Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30315105/40	7	14	1,0	150,0	10	4,0	600,0	40	0,16	55
IH30315103/40	9	16	1,0	150,0	10	4,0	600,0	40	0,19	65
IH30315116/40	11	18	1,0	150,0	10	4,0	600,0	40	0,22	70
IH30315116/50	11	18	1,0	150,0	10	4,0	600,0	40	0,22	70
IH30315115/40	13	25	1,0	150,0	10	4,0	600,0	40	0,49	100
IH30315102/80	15	25	1,0	150,0	10	4,0	600,0	40	0,44	115

MADE IN ITALY Parker ITR I.D. mm DIN 74310 – TUEV GEPRUEFT – Year/Quarter with traceability code

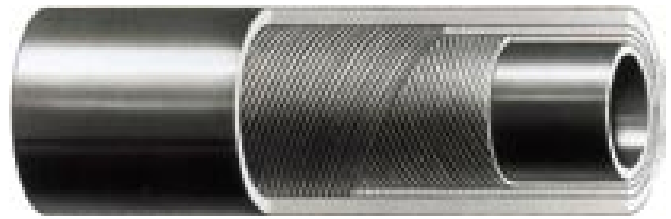




AIRBRAKE SAE J1402-A

Hose Construction

- Tube:** Black, smooth, NBR/SBR rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Black, smooth, abrasion, ageing and weather-resistant CR rubber compound



Applications

Widely used in automotive air brake systems.

Temperature Range

-40 °C (-40 °F) to + 93 °C (+200 °F)

Tolerances

According to SAE J1402 – TABLE A

On inside diameter:

I.D. 9,5 mm: ± 0,60

I.D. 11,1 - 15,9 mm: ± 0,80

On outside diameter:

O.D. 19 mm: + 0,80 / - 0,70

O.D. 20,6 - 27 mm: ± 0,80

Length tolerance: ± 1%

Part Number / Standard Length m	I.D.		O.D. mm	Burst Pressure			Weight kg/m	min. Bend Radius mm
	inch	mm		MPa	psi	bar		
IH30315117/40	3/8	9,5	19,0	6,21	900,0	62,1	0,30	89
IH30315118/40	7/16	11,1	20,6	6,21	900,0	62,1	0,34	102
IH30315119/40	1/2	12,7	22,2	6,21	900,0	62,1	0,37	102
IH30315122/40	-	14,5	24,5	6,21	900,0	62,1	0,43	131
IH30315121/40	5/8	15,9	27,0	6,21	900,0	62,1	0,53	114

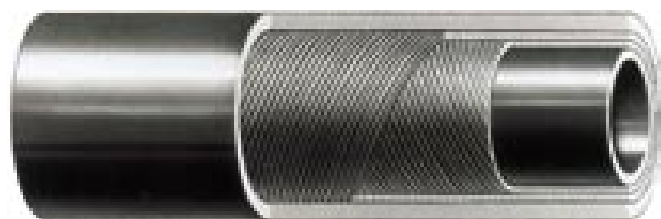
AIRBRAKE I.D. inch" (I.D. mm) SAE J 1402 – A – MADE IN ITALY Parker ITR



CARBOPRESS SAE J 200 N/L

Hose Construction

- Tube:** Black, smooth, antistatic (R < 1 MΩ/m), NBR rubber compound, resistant to oils, fuels and unleaded petrol, rubber according to SAE J 200 7BG 810 EF11 EF21
- Reinforcement:** Synthetic textile yarns
- Cover:** Black, smooth, antistatic (R < 1 MΩ/m), NBR/PVC rubber compound resistant to oils, abrasion and weathering



Tolerances

- On inside diameter:** ± 0,50 mm
On outside diameter: ± 0,60 mm
Length tolerance: ± 1%

NOTE

Continuous working at 10 bar 120 °C (248 °F) will considerably decrease hose life.

Applications

Hose for lead and unleaded fuels in car and motorbike engines and gearbox lubricants. Hose meets the permeability limits of American Standard SAE 30 R6, SAE30 R7, SAE 30 R8.

Temperature Range

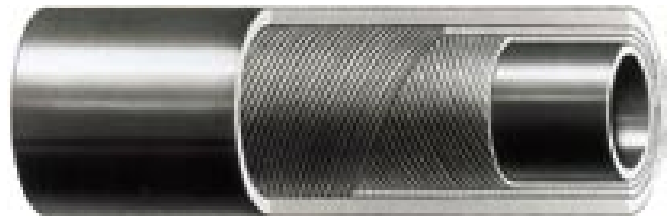
-25 °C (-13 °F) to +120 °C (+248 °F)

HXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30515000/100	4	9	1,0	150,0	10	3,0	450,0	30	0,070	40
IH30515002/100	6	13	1,0	150,0	10	3,0	450,0	30	0,140	55
IH30515003/100	7	13	1,0	150,0	10	3,0	450,0	30	0,127	55
IH30515004/100	7,5	14	1,0	150,0	10	3,0	450,0	30	0,148	65
IH30511035/100	10	16	1,0	150,0	10	3,0	450,0	30	0,165	75

RUBBER FUEL HOSE – INNER TUBE SAE J 200 7 BG 810 EF 11 EF 21 – MADE IN ITALY Parker ITR

**CARBOPRESS SAE J 30 R7 N/L****Hose Construction**

- Tube:** Black, smooth, antistatic (R < 1 MΩ/m) NBR rubber compound, resistant to oils, fuels and unleaded petrol with aromatic content not exceeding 50 %
- Reinforcement:** Synthetic textile yarns
- Cover:** Black, smooth, antistatic (R < 1 MΩ/m) CR rubber compound resistant to oils, abrasion, weather and fire

**Tolerances**

According to SAE J30 R7

On inside diameter:

- ≤ I.D. 9,5 mm: ± 0,4 mm
- > I.D. 9,5 mm: ± 0,6 mm

On outside diameter:

- ≤ O.D. 15,9 mm: ± 0,6 mm
- > O.D. 15,9 mm: ± 0,8 mm

Length tolerance:

± 1%

Applications

Low permeability, fire resistant hose, for lead and unleaded fuels in car and motorbike engines and gearbox lubricants where high performance and compliance to standards are important issue. Hose meets the American Standard SAE J30 R7

Temperature Range

-40 °C (-40 °F) to +125 °C (+257 °F)

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30872400/100	4	9,1	0,4	58,0	4	3,0	232,0	16	0,073	30
IH30872401/100	4,8	10,3	0,4	58,0	4	3,0	232,0	16	0,092	40
IH30872402/100	6,4	12,7	0,4	58,0	4	3,0	232,0	16	0,133	55
IH30872403/100	8,0	14,3	0,4	58,0	4	3,0	232,0	16	0,155	65
IH30872404/100	9,5	15,9	0,3	43,5	3	1,2	174,0	12	0,180	75
IH30872405/100	12,7	19,9	0,3	43,5	3	1,2	174,0	12	0,251	100

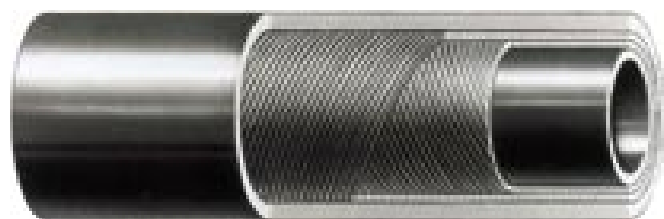
RUBBER FUEL HOSE CARBOPRESS SAE 30 R7 MADE IN ITALY - Parker ITR (repeated every 300 mm)



TBSE

Hose Construction

- Tube:** Black, oil and fuel resistant, smooth, antistatic ($R < 1 \text{ M}\Omega/\text{m}$), NBR rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Black, oil, fuel, abrasion, weather-resistant, smooth, antistatic ($R < 1 \text{ M}\Omega/\text{m}$), NBR/EPDM rubber compound



Applications

Specially designed for general applications in fuel systems where low permeability levels are required. Suitable for leaded and unleaded fuels and diesel.

Tolerances

According to UNI EN ISO 1307/97

On inside diameter:

$\leq \text{I.D. } 5 \text{ mm:}$ $\pm 0,6 \text{ mm}$

$> \text{I.D. } 5 \text{ mm:}$ $\pm 0,8 \text{ mm}$

Length tolerance: $\pm 1\%$

Temperature Range

$-30 \text{ }^\circ\text{C}$ ($-22 \text{ }^\circ\text{F}$) to $+100 \text{ }^\circ\text{C}$ ($+212 \text{ }^\circ\text{F}$)

Part Number / Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30871001/100	4	9	1,0	150,0	10	3,0	450,0	30	0,069	30
IH30871011/100	5	10	1,0	150,0	10	3,0	450,0	30	0,08	40
IH30871021/100	6	13	1,0	150,0	10	3,0	450,0	30	0,14	55
IH30871031/100	7	13	1,0	150,0	10	3,0	450,0	30	0,127	55
IH30871041/100	7,5	14	1,0	150,0	10	3,0	450,0	30	0,148	65
IH30871051/100	10	16	1,0	150,0	10	3,0	450,0	30	0,165	75
IH30871000/90*	4	9	1,0	150,0	10	3,0	450,0	30	0,069	30
IH30871010/90*	5	10	1,0	150,0	10	3,0	450,0	30	0,08	40
IH30871020/90*	6	13	1,0	150,0	10	3,0	450,0	30	0,14	55
IH30871030/90*	7	13	1,0	150,0	10	3,0	450,0	30	0,127	55
IH30871040/90*	7,5	14	1,0	150,0	10	3,0	450,0	30	0,148	65
IH30871050/60**	10	16	1,0	150,0	10	3,0	450,0	30	0,165	75

ORIGINAL ECO 1 TBSE MADE IN ITALY Parker ITR

* box quantity = 6 x 15 m (reels)

** box quantity = 6 x 10 m (reels)

**TBE****Hose Construction**

- Tube:** Black, oil and fuel resistant, smooth NBR rubber compound, ensuring a level of permeability suitable to different fuel types
- Cover:** High tensile polyester textile overbraid, resistant to abrasion, fuel, oil and weathering

**Tolerances**

- On inside diameter:** + 0 / - 0,5 mm
- Length tolerance:** ± 1%

Applications

Specially designed for particular applications in fuel systems where textile cover is requested. Suitable for leaded and unleaded fuels and diesel.

Temperature Range

-20 °C (-4 °F) to +90 °C (+194 °F)

Part Number / Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH11001300/90*	3	7	1,0	150,0	10	3,0	450,0	30	0,04	30
IH11001345/90*	7,5	14,5	1,0	150,0	10	3,0	450,0	30	0,13	65

ORIGINAL TB ECO MADE IN ITALY Parker ITR

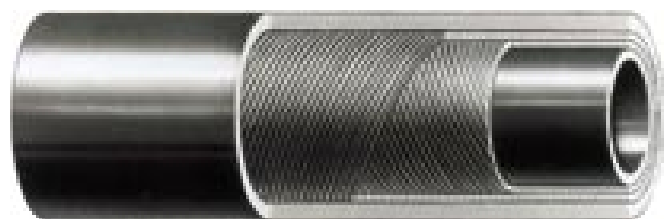
* box quantity = 6 x 15 m (reels)



AUTOGAS ECE 67/110 CLASS 2

Hose Construction

- Tube:** Black, smooth, insulating
($R > 1 \text{ M}\Omega/\text{m}$), LPG and methane permeation resistant NBR rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Black, smooth, insulating
($R > 1 \text{ M}\Omega/\text{m}$), CSM rubber compound resistant to ageing, heat, abrasion, ozone and weathering



Tolerances

UNI EN ISO 1307/97

On inside diameter:

I.D. 4 mm: $\pm 0,60 \text{ mm}$

I.D. 6 - 20 mm: $\pm 0,80 \text{ mm}$

Length tolerance: $\pm 1\%$

Applications

Low pressure hoses, designed according to regulation ECE 67, 01, Annex 8, Class 2 and ECE 110, Annex 4b, Class 2.

Suitable for low pressure delivery of LPG and methane alternative fuel kits.

P.S. – This hose exceeds the requirements of DIN 4815 Teil 4 (Hose for fuel gas installation in vehicles)

Temperature Range

-30 °C (-22 °F) - 125 °C (+ 257 °F)

Part Number / Standard Length m	I.D. mm	O.D. mm	Working Pressure (bar-kPa) Max	Burst Pressure (bar-kPa) Min	Weight kg/m	min. Bend Radius mm
AUTOGAS ECE 67/110 CLASS 2						
IH30510060/50	4	10	4.5 - 450	18-1800	0,089	35
IH30510062/50	6	13	4.5 - 450	18-1800	0,140	50
IH30510061/50	6,3	13	4.5 - 450	18-1800	0,136	50
IH30510063/50	7,5	14,5	4.5 - 450	18-1800	0,162	60
IH30510055/50	8,0	14,0	4.5 - 450	18-1800	0,140	60
IH30510064/50	10	17	4.5 - 450	18-1800	0,199	80
IH30510065/50	12	19	4.5 - 450	18-1800	0,228	100
IH30510066/50	14	22	4.5 - 450	18-1800	0,301	115
IH30510059/50	16	24	4.5 - 450	18-1800	0,334	130
IH30510067/50	16,5	24,5	4.5 - 450	18-1800	0,342	135
IH30510068/50	17	25	4.5 - 450	18-1800	0,354	140
IH30510069/50	19	27	4.5 - 450	18-1800	0,390	150
IH30510058/50	20	28	4.5 - 450	18-1800	0,407	160
AUTOGAS SP 670 ECE 67/110 CLASS 2						
IH30510060/50	5	10,5	4.5 - 450	18-1800	0,091	40

RUBBER HOSE AUTOGAS ECE 67 – GPL CLASSE 2 \oplus 67R-010128 /
ECE 110 – CNG CLASSE 2 – \oplus 110R – 000008 – I.D. mm MADE IN ITALY Parker ITR



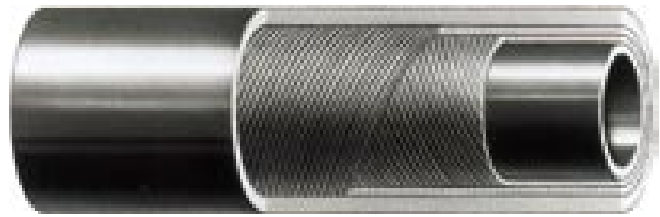
CARBOPRESS EN ISO 7840 A1

Hose Construction

Tube: Black, smooth, antistatic
($R < 1 \text{ M}\Omega/\text{m}$), oil and fuel resistant
NBR rubber compound

Reinforcement: Synthetic textile yarns

Cover: Black, smooth, antistatic
($R < 1 \text{ M}\Omega/\text{m}$),
CR rubber compound resistant to
abrasion, oil, fuel, weather and fire



Applications

Fire resistant fuel hose suitable for loading diesel, leaded and unleaded fuels with an aromatic content not exceeding 50%, for small craft of - 24 m length of hull with permanently installed inboard engines. According to EN ISO 7840 type A1 (permeability - 4 g/m² hour) and exceeding the requirement of type A2 (permeability - 12 g/m² hour). Complies with the essential requirements given in the European Directive for small craft 94/25/EC.

Temperature Range

-20 °C (-4 °F) to + 100 °C (+212 °F)

Tolerances

According to EN ISO 7840

On inside diameter:

I.D. 6 - 19 mm: $\pm 0,75 \text{ mm}$

I.D. 25 mm: $\pm 1,25 \text{ mm}$

Length tolerance: $\pm 1\%$

Type Approval Certificate

The European Directive 94/25/CE, according to EN ISO 7840 A1, is certified.

On Board Installation & Maintenance Requirements

End connections shall be provided in accordance with the applicable requirements stated in BV Yachts Rules. On board test to be in accordance with BV Yachts Rules.

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa (max)	psi	bar (max)	MPa	psi	bar		
IH30511050/100	6	16	0,34	49,3	3,4	3,0	450,0	30	0,25	35
IH30511051/100	8	18	0,34	49,3	3,4	3,0	450,0	30	0,29	50
IH30511057/100	10	20	0,34	49,3	3,4	3,0	450,0	30	0,32	60
IH30511053/80	12,5	22	0,34	49,3	3,4	3,0	450,0	30	0,37	75
IH30511054/80	16	26	0,34	49,3	3,4	3,0	450,0	30	0,47	100
IH30511055/50	19	29	0,34	49,3	3,4	3,0	450,0	30	0,54	115
IH30511058/50	25	35	0,34	49,3	3,4	3,0	450,0	30	0,67	150

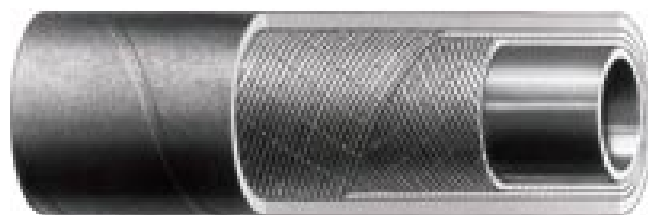
RUBBER HOSE CARBOPRESS EN ISO 7840 A1 CE ... MADE IN ITALY Parker ITR
Year with traceability code



CARBOCORD EN ISO 7840 A1

Hose Construction

Tube:	Black, smooth, antistatic ($R < 1 \text{ M}\Omega/\text{m}$), oil and fuel resistant NBR rubber compound
Reinforcement:	Synthetic textile yarns
Cover:	Black, smooth, antistatic ($R < 1 \text{ M}\Omega/\text{m}$), NBR/SBR rubber compound resistant to abrasion, oil, fuel, weather and fire



Tolerances

According to EN ISO 7840

On inside diameter:	$\pm 1,5 \text{ mm}$
Length tolerance:	$\pm 1\%$

Applications

Fire resistant fuel hose suitable for loading diesel, leaded and unleaded fuels with an aromatic content not exceeding 50%, for small craft of - 24 m length of hull with permanently installed inboard engines.

According to EN ISO 7840 type A1 (permeability - 4 g/m² hour) and exceeding the requirement of type A2 (permeability - 12 g/m² hour).

Complies with the essential requirements given in the European Directive for small craft 94/25/EC.

Type Approval Certificate

The European Directive 94/25/CE, according to EN ISO 7840 A1 and A2, is certified.







On Board Installation & Maintenance Requirements

End connections shall be provided in accordance with the applicable requirements stated in BV Yachts Rules.

On board test to be in accordance with BV Yachts Rules.

Temperature Range

-20 °C (-4 °F) to + 100 °C (+212 °F)

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36521202/40	32	44	0,25	36,25	2,5	2,0	300,0	20	0,97	320
IH36521204/40	38	50	0,25	36,25	2,5	2,0	300,0	20	1,10	380
IH36521205/40	40	52	0,25	36,25	2,5	2,0	300,0	20	1,15	400
IH36521207/40	50	62	0,25	36,25	2,5	2,0	300,0	20	1,40	500
IH36521210/40	63,5	76	0,25	36,25	2,5	2,0	300,0	20	1,80	635
IH36521211/20	76	88	0,25	36,25	2,5	2,0	300,0	20	2,04	760
IH36521212/20	100	117	0,25	36,25	2,5	2,0	300,0	20	3,83	1000

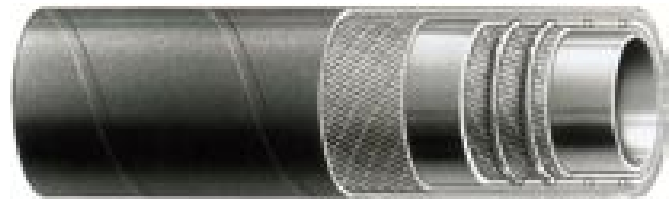
RUBBER HOSE CARBOCORD EN ISO 7840 A1 CE Year MADE IN ITALY Parker ITR



CARBURITE EN ISO 7840 A1

Hose Construction

- Tube:** Black, smooth, antistatic (R < 1 MΩ/m), oil and fuel resistant NBR rubber compound
- Reinforcement:** Synthetic textile yarns and embedded steel wire helix
- Cover:** Black, smooth, antistatic (R < 1 MΩ/m), NBR/SBR rubber compound resistant to abrasion, oil, fuel, weather and fire



Tolerances

According to EN ISO 7840

On inside diameter:

- I.D. 19 mm: ± 0,75 mm
- I.D. 25 mm: ± 1,25 mm
- > I.D. 25 mm: ± 1,5 mm

Length tolerance: ± 1%

Applications

Fire resistant fuel hose suitable for loading diesel, leaded and unleaded fuels with an aromatic content not exceeding 50%, for small craft of - 24 m length of hull with permanently installed inboard engines. According to EN ISO 7840 type A1 (permeability - 4 g/m² hour) and exceeding the requirement of type A2 (permeability - 12 g/m² hour). Complies with the essential requirements given in the European Directive for small craft 94/25/EC.

Type Approval Certificate

The European Directive 94/25/CE, according to EN ISO 7840 A1 and A2, is certified.

On Board Installation & Maintenance Requirements

End connections shall be provided in accordance with the applicable requirements stated in BV Yachts Rules. On board test to be in accordance with BV Yachts Rules.

Temperature Range

-20 °C (-4 °F) to + 100 °C (+212 °F)

Part Number / Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36531510/40	19	32	0,25	36,0	2,5	2,0	300,0	20	0,76	120
IH36531511/40	25	39	0,25	36,0	2,5	2,0	300,0	20	1,08	150
IH36531512/40	32	46	0,25	36,0	2,5	2,0	300,0	20	1,30	190
IH36531513/40	38	54	0,25	36,0	2,5	2,0	300,0	20	1,73	240
IH36530515/40	50	66	0,25	36,0	2,5	2,0	300,0	20	2,18	300
IH36531515/40	60	77	0,25	36,0	2,5	2,0	300,0	20	2,72	360

RUBBER HOSE CARBURITE EN ISO 7840 A1 CE Year MADE IN ITALY Parker ITR



SM / TR 311

Manufactured according to Nordic Boat Standard 1990 MC-8 and MC-9 , EN ISO 7840 class A1 and meets European Directive 94/25/EC



Hose Construction

- Tube:** Black, smooth, antistatic (R < 1 MΩ/m), NBR rubber compound, resistant to exhaust gas, sea water, oil and fuel having an aromatic content not exceeding 50%
- Reinforcement:** Synthetic textile fabrics and embedded steel wire helix
- Cover:** Black, smooth, antistatic (R < 1 MΩ/m), NBR/SBR rubber compound, resistant to flame, heat, oil and fuel, abrasion, ageing and weathering

Applications

Designed and approved for use in water cooling exhaust gas systems and also as fire resistant fuel hose for craft. Suitable for general loading and unloading oils and fuel service.

Temperature Range

-30 °C (-22 °F) to +100 °C (+212 °F)

Suction

Max. 0,80 bar (600 mm Hg)

Tolerances

- On inside diameter:**
 - ≤ I.D: 38 mm: ± 0,79 mm
 - > I.D. 38 mm: ± 1,50 mm
- Length tolerance:** ± 1%

Type Approval Certificate

SM/TR 311 hoses are recognised as complying with NORDIC BOAT STANDARD 1990 – MC 8 (Fuel hoses for boats) and MC 9 (Exhaust hoses for boats) by DET NORSKE VERITAS. The European Directive 94/25/CE and accordance with EN ISO 7840 A1 (Fire resistant fuel hoses) is certified.

ASSEMBLY

For correct hose assembly, use high quality fittings only and follow carefully the recommendations of the fitting manufacturer.

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36971005/40	19	29	0,3	43,5	3	2,0	300,0	20	0,630	120
IH36971006/40	25	35	0,3	43,5	3	2,0	300,0	20	0,770	150
IH36974109/40	32	42	0,3	43,5	3	2,0	300,0	20	0,940	190
IH36974107/40	38	48	0,3	43,5	3	2,0	300,0	20	1,090	230
IH36974110/40	40	50	0,3	43,5	3	2,0	300,0	20	1,140	240
IH36974111/40	45	55	0,3	43,5	3	2,0	300,0	20	1,260	270
IH36974112/40	50	60	0,3	43,5	3	2,0	300,0	20	1,410	300
IH36974118/40	55	65	0,3	43,5	3	2,0	300,0	20	1,530	330
IH36974113/40	60	70	0,3	43,5	3	2,0	300,0	20	1,670	360
IH36974114/40	63,5	73,5	0,3	43,5	3	2,0	300,0	20	1,850	380
IH36974115/20	76	86	0,3	43,5	3	2,0	300,0	20	2,290	455
IH36974116/20	90	100	0,3	43,5	3	2,0	300,0	20	2,670	540
IH36974117/20	102	113	0,3	43,5	3	2,0	300,0	20	3,240	610
IH36974119/20	125	139	0,3	43,5	3	2,0	300,0	20	5,020	750

RUBBER HOSE SM/TR 311 – EXHAUST AND FUEL HOSE – CE – NORDIC BOAT STANDARD 1990 EN ISO 7840 A 1 Year MADE IN ITALY Parker ITR



SM / TR 311 OND

Manufactured according to Nordic Boat Standard 1990 MC-8 and MC-9, EN ISO 7840 class A1 and meets European Directive 94/25/EC



Hose Construction

- Tube:** Black, smooth, antistatic (R < 1 MΩ/m), NBR rubber compound, resistant to exhaust gas, sea water, oil and fuel having an aromatic content not exceeding 50%
- Reinforcement:** Synthetic textile fabrics and embedded steel wire helix
- Cover:** Corrugated, black, antistatic (R < 1 MΩ/m), NBR/SBR rubber compound, resistant to flame, heat, oil and fuel, abrasion, ageing and weathering

Applications

Designed and approved for use in water cooling exhaust gas systems and also as fire resistant fuel hose for craft, where highly flexible hoses are required. Suitable for general loading and unloading oils and fuel service.

Temperature Range

-30 °C (-22 °F) to +100 °C (+212 °F)

Suction

Max. 0,80 bar (600 mm Hg)

Tolerances

On inside diameter:

≤ I.D. 38 mm: ± 0,79 mm

> I.D. 38 mm: ± 1,50 mm

Length tolerance: ± 1%

Type Approval Certificate

SM/TR 311 hoses are recognised as complying with NORDIC BOAT STANDARD 1990 – MC 8 (Fuel hoses for boats) and MC 9 (Exhaust hoses for boats) by DET NORSKE VERITAS. The European Directive 94/25/CE and accordance with EN ISO 7840 A1 (Fire resistant fuel hoses) is certified.

ASSEMBLY

For correct hose assembly, use high quality fittings only and follow carefully the recommendations of the fitting manufacturer.

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36974301/40	19	--	0,3	43,5	3	1,5	217,5	15	0,630	80
IH36974302/40	25	--	0,3	43,5	3	1,5	217,5	15	0,770	100
IH36974303/40	32	--	0,3	43,5	3	1,5	217,5	15	0,940	130
IH36974304/40	38	--	0,3	43,5	3	1,5	217,5	15	1,090	160
IH36974305/40	40	--	0,3	43,5	3	1,5	217,5	15	1,140	160
IH36974306/40	45	--	0,3	43,5	3	1,5	217,5	15	1,260	180
IH36974307/40	50	--	0,3	43,5	3	1,5	217,5	15	1,410	200
IH36974309/40	60	--	0,3	43,5	3	1,5	217,5	15	1,670	240
IH36974310/40	63,5	--	0,3	43,5	3	1,5	217,5	15	1,850	255
IH36974311/20	76	--	0,3	43,5	3	1,5	217,5	15	2,290	300
IH36974312/20	90	--	0,3	43,5	3	1,5	217,5	15	2,670	360
IH36974314/20	102	--	0,3	43,5	3	1,5	217,5	15	3,240	400
IH36974315/20	125	--	0,3	43,5	3	1,5	217,5	15	5,020	500

RUBBER HOSE SM/TR 311 – EXHAUST AND FUEL HOSE – CE – NORDIC BOAT STANDARD 1990 EN ISO 7840 A 1 Year MADE IN ITALY Parker ITR



VARIOPRESS SM NW 10

Hose Construction

- Tube:** Black, antistatic ($R < 1 \text{ M}\Omega/\text{m}$), smooth EPDM rubber compound
- Reinforcement:** Synthetic textile fabric and embedded steel wire helix
- Cover:** White, smooth EPDM rubber compound, particularly resistant to abrasion, heat and weathering



Applications

Light-weight and flexible, specially designed as effluent hose for leisure boat toilet systems, where low permeation to odour is required.

Temperature Range

-40 °C (-40 °F) to +100 °C (+212 °F)

Packing

All hoses are wrapped in polythene film.

Suction

Max. 0,8 bar (600 mm Hg)

Tolerances

RMA steel mandrel

On inside diameter: $\pm 0,79 \text{ mm}$

Length tolerance: $\pm 1\%$

Part Number / Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36212049/40	19	31	1,0	150,0	10	3,0	450,0	30	0,73	110
IH36212050/40	25	37	1,0	150,0	10	3,0	450,0	30	0,95	150
IH36212052/40	38	50	1,0	150,0	10	3,0	450,0	30	1,30	230

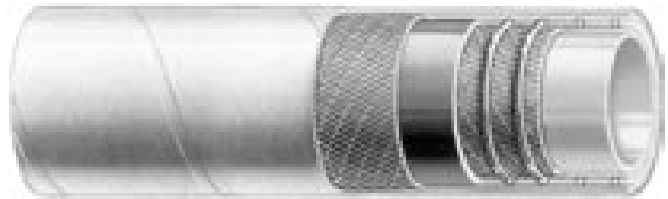
RUBBER HOSE VARIOPRESS 10 bar MADE IN ITALY Parker ITR



VARIOPRESS SM WW 10

Hose Construction

- Tube:** White, smooth EPDM rubber compound
- Reinforcement:** Synthetic textile fabric and embedded steel wire helix
- Cover:** White, smooth, non-staining EPDM rubber compound, particularly resistant to abrasion, heat and weathering



Suction

Max. 0,80 bar (600 mm Hg)

Tolerances

RMA steel mandrel

On inside diameter: $\pm 0,79$ mm

Length tolerance: $\pm 1\%$

Applications

Light-weight and flexible, specially designed as effluent hose for leisure boat toilet systems, where low permeation to odour is required.

Temperature Range

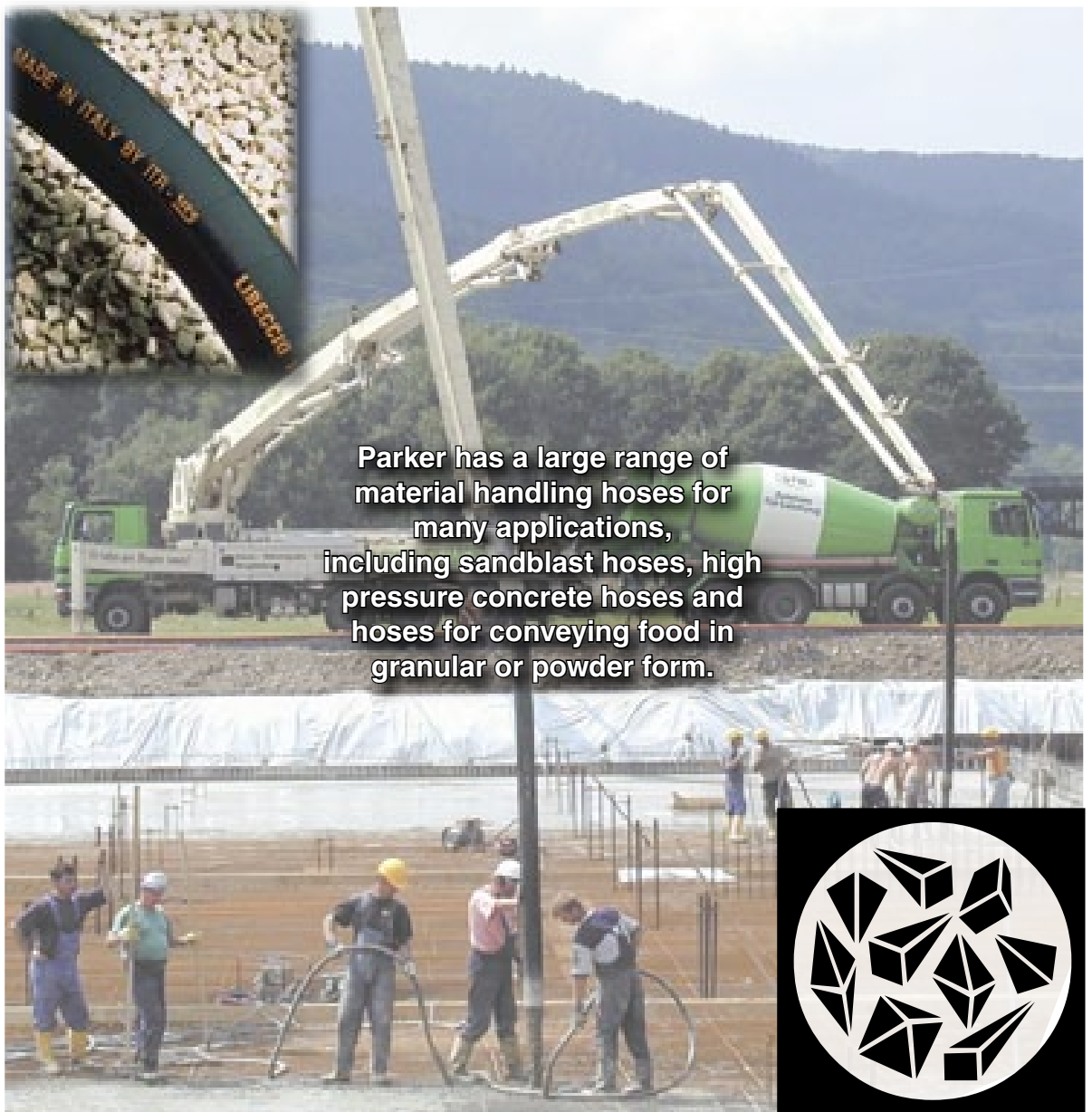
-40 °C (-40 °F) to +100 °C (+212 °F)

Part Number / Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36212071/40	19	31	1,0	150,0	10	3,0	450,0	30	0,80	110
IH36212072/40	25	37	1,0	150,0	10	3,0	450,0	30	1,05	150
IH36212074/40	38	50	1,0	150,0	10	3,0	450,0	30	1,45	230

RUBBER HOSE VARIOPRESS SM 10 bar MADE IN ITALY Parker ITR



Material Handling Hoses



Parker has a large range of material handling hoses for many applications, including sandblast hoses, high pressure concrete hoses and hoses for conveying food in granular or powder form.



► **Sandblast**



LIBECCIO EN ISO 3861

Recommended for pneumatic conveying of dry sand and cement, gravel, metal and other dry abrasive materials.

► **Cement**



CEMENT 712 10
CEMENT 713 10

Suitable for delivery of dry cement.



CEMENT SM 10

Suitable for delivery and suction of dry cement.

► **Mortar**



INTONACATRICI 12-25-40

Designed for delivery of sand, gravel (12), mortar and wet cement (25 and 40) from plaster machines or spray nozzles.

► **Concret**



BETON 80

Suitable for placement of concrete at casting locations by concrete pumps at the ends of the machine arms.

► **General Purpose**



MULTIREX PU - PU/ANC

Suitable for suction and delivery of abrasive materials.



MEDIREX PU

Resistance to internal abrasion for suction and delivery.



FORTIREX PU/ANC

Excellent abrasion resistance to internal abrasion for suction and delivery.



APERSPIR PU

Suitable for food and for medium abrasive materials.



M – Material Handling Hose

Sandblast

LIBECCIO EN ISO 3861 ▶ M4

Cement

CEMENT 712 10 ▶ M5

CEMENT 713 10 ▶ M6

CEMENT SM 10 ▶ M7

Mortar

INTONACATRICI 12 ▶ M8

INTONACATRICI 25 - 40 ▶ M9

Concrete

BETON 80 ▶ M10

General Purpose

MULTIREX PU ▶ M11

MULTIREX PU/ANC ▶ M12

MEDIREX PU ▶ M13

FORTIREX PU/ANC ▶ M14

APERSPIR PU ▶ M15

A



B



C



D



E



F



G



H



I



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M



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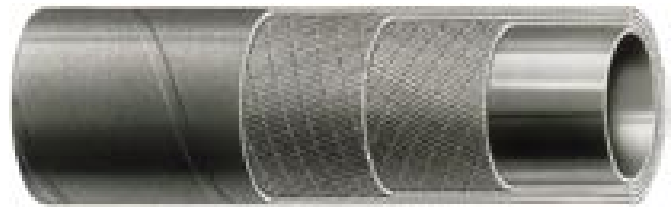
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Q

**LIBECCIO EN ISO 3861**

EXCEEDS THE REQUIREMENTS OF EN ISO 3861

**Hose Construction**

Tube: Smooth, black, antistatic, abrasion resistant BR/ NR rubber compound, abrasion ISO 4649: max 80 mmc

Reinforcement: Synthetic textile fabrics

Cover: Black, smooth, antistatic, weather and abrasion resistant SBR/NBR compound. The cover is pinpricked to prevent blistering and bubbling, max. resistance on finished hose: 2,0 MΩ/m

*on request: other colours without antistatic performance.

Tolerances

On inside diameter:

According to UNI EN ISO 1307/97

On outside diameter:

RMA steel mandrel: ± 1,59 mm

Length tolerance: ± 1%

Note

Available on request:

LIBECCIO EN ISO 3861/E with built-in copper wires to provide electrical continuity between both ends.

Applications

Suitable for conveying of wet and dry sand and grit blasting materials.

Temperature Range

-30 °C (-22 °F) to +70 °C (+158 °F)

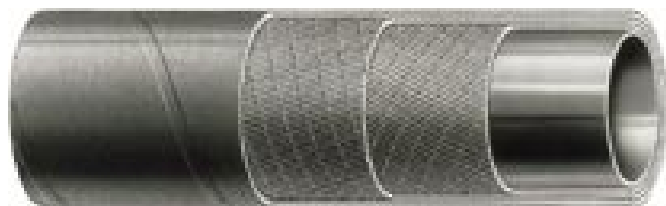
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
LIBECCIO EN ISO 3861										
IH36820200/40	25	40	1,0	150,0	10	4,0	600,0	40	0,92	250
IH36820201/40	30	45	1,0	150,0	10	4,0	600,0	40	1,05	300
IH36820202/40	32	48	1,0	150,0	10	4,0	600,0	40	1,37	320
IH36820205/40	35	54	1,0	150,0	10	4,0	600,0	40	1,56	350
IH36820204/40	40	60	1,0	150,0	10	4,0	600,0	40	1,85	400
IH36820206/40	50	72	1,0	150,0	10	4,0	600,0	40	2,54	500
IH36820207/40	60	82	1,0	150,0	10	4,0	600,0	40	2,95	600
IH36820209/20	80	105	1,0	150,0	10	4,0	600,0	40	4,32	800
IH36820210/20	90	115	1,0	150,0	10	4,0	600,0	40	4,84	900
IH36820211/20	100	125	1,0	150,0	10	4,0	600,0	40	5,30	1000
LIBECCIO L EN ISO 3861										
IH36820300/40	19	33	1,0	150,0	10	4,0	600,0	40	0,69	190
IH36820301/40	25	39	1,0	150,0	10	4,0	600,0	40	0,84	250
IH36820303/40	38	55	1,0	150,0	10	4,0	600,0	40	1,46	380
IH36820305/40	42	60	1,0	150,0	10	4,0	600,0	40	1,70	420
IH36820306/40	50	70	1,0	150,0	10	4,0	600,0	40	2,28	500
IH36820307/40	60	80	1,0	150,0	10	4,0	600,0	40	2,66	600

RUBBER HOSE LIBECCIO EN ISO 3861 10 bar MADE IN ITALY Parker ITR

CEMENT 712 10

Hose Construction

- Tube:** Black, antistatic, smooth NR/SBR rubber compound. Abrasion-resistant (110 mm³)
- Reinforcement:** Synthetic textile fabrics and built-in copper wire giving electrical continuity between both ends
- Cover:** Black, abrasion and weather-resistant, SBR rubber compound



Applications







Suitable for delivery of dry cement, grain, seeds and animal feed to road tankers and storage bins or silos. CEMENT H is recommended for heavier-duty services.

Tolerances

- RMA steel mandrel
- On inside diameter:** ± 1,59 mm
- On outside diameter:**
 - ≤ O.D. 98 mm: ± 1,59 mm
 - > O.D. 98 mm: ± 2,38 mm
- Length tolerance:** ± 1%

Temperature Range

-30 °C (-22 °F) to +70 °C (+158 °F)

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
CEMENT 712 10										
IH36822315/40	50	65	1,0	150,0	10	3,0	450,0	30	1,74	600
IH36822302/40	60	74	1,0	150,0	10	3,0	450,0	30	1,87	720
IH36822316/20	75	93	1,0	150,0	10	3,0	450,0	30	2,91	900
IH36822318/20	80	98	1,0	150,0	10	3,0	450,0	30	3,10	960
IH36822322/20	90	110	1,0	150,0	10	3,0	450,0	30	3,90	1080
CEMENT 712 L 10										
IH36822327/20	75	85	1,0	150,0	10	3,0	450,0	30	1,62	-
IH36822306/20	80	95	1,0	150,0	10	3,0	450,0	30	2,58	-
IH36822308/20	100	110	1,0	150,0	10	3,0	450,0	30	2,13	-
IH36822310/20	100	118	1,0	150,0	10	3,0	450,0	30	3,78	-

RUBBER HOSE CEMENT 10 bar MADE IN ITALY Parker ITR

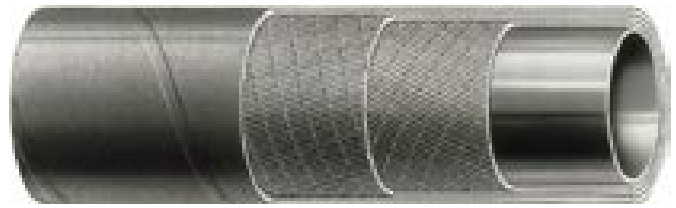




CEMENT 713 10

Hose Construction

- Tube:** Black, smooth, antistatic, abrasion resistant BR/ NR rubber compound. Abrasion max. 60-70 mmc
- Reinforcement:** Synthetic textile fabrics and built-in copper wire giving electrical continuity between both ends
- Cover:** Black, abrasion and weather-resistant, SBR rubber compound



Tolerances

- RMA steel mandrel
- On inside diameter:** ± 1,59 mm
- On outside diameter:** ± 2,38 mm
- Length tolerance:** ± 1%

Applications

Suitable for delivery of dry cement, grain, seeds and animal feed to road tankers and storage bins or silos.

Temperature Range

-30 °C (-22 °F) to +70 °C (+158 °F)

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	Working Pressure			Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36822220/40	100	120	1,0	150,0	10	3,0	450,0	30	4,17	-

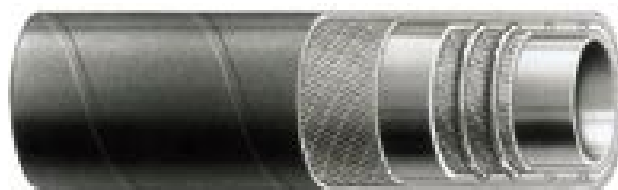
RUBBER HOSE CEMENT 713 ABRIEBFEST MADE IN ITALY Parker ITR



CEMENT SM 10

Hose Construction

- Tube:** Black, antistatic smooth NR/ SBR rubber compound, abrasion resistant (110 mm³)
- Reinforcement:** Synthetic textile fabrics, embedded steel wire helix
- Cover:** Black, abrasion and weather-resistant, SBR rubber compound



Applications

Suitable for suction and delivery of dry cement to road tankers and storage bins or silos.

Temperature Range

-30 °C (-22 °F) to +70 °C (+158 °F)

Tolerances

RMA steel mandrel

On inside diameter: ±1,59 mm

Length tolerance: ± 1%

Note

On request, with built-in copper wires to provide electrical continuity between both ends (CEMENT SM/E).

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
CEMENT SM 10										
IH36923100/40	50	64	0,1	150,0	10	3,0	450,0	30	1,92	300
IH36923101/40	60	74	0,1	150,0	10	3,0	450,0	30	2,26	360
IH36923105/20	75	93	0,1	150,0	10	3,0	450,0	30	3,53	450
IH36923102/20	100	118	0,1	150,0	10	3,0	450,0	30	4,80	600
IH36923104/20	110	128	0,1	150,0	10	3,0	450,0	30	5,21	660
IH36923107/20	125	143	0,1	150,0	10	3,0	450,0	30	5,77	750
CEMENT SM H 10										
IH36923108/20	80	100	0,1	150,0	10	3,0	450,0	30	4,32	480
IH36923106/20	100	120	0,1	150,0	10	3,0	450,0	30	5,24	600
IH36923109/20	120	140	0,1	150,0	10	3,0	450,0	30	6,54	720

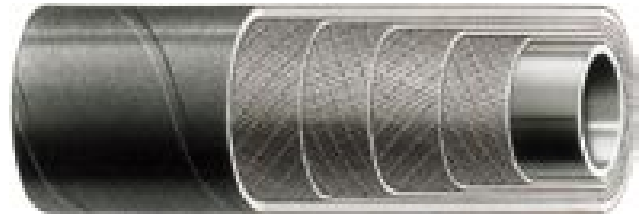
RUBBER HOSE CEMENT 10 bar MADE IN ITALY Parker ITR



INTONACATRICI 12

Hose Construction

- Tube:** Black, abrasion resistant, smooth BR/NR rubber compound (70 mm³)
- Reinforcement:** Synthetic textile fabrics
- Cover:** Black, abrasion and weather-resistant, SBR rubber compound



Applications

Designed for delivery of plaster and abrasive materials such as sand, gravel, mortar and wet cement from plastering machines or spray nozzles.

Temperature Range

-30 °C (-22 °F) to +70 °C (+158 °F)

Tolerances

- RMA steel mandrel
- On inside diameter:**
- I.D. 19 mm: ± 0,79 mm
- > I.D. 19 mm: ± 1,59 mm
- On outside diameter:** ± 1,59 mm
- Length tolerance:** ± 1%

Note

Available on request:
INTONACATRICI /E – with built-in copper wires to provide electrical continuity between both ends.

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36822055/40	19	33	1,2	174,0	12	4,0	600,0	40	0,70	-
IH36822049/40	50	65	1,2	174,0	12	4,0	600,0	40	1,66	-
IH36822062/40	60	78	1,2	174,0	12	4,0	600,0	40	2,50	-
IH36822052/40	65	85	1,2	174,0	12	4,0	600,0	40	3,03	-

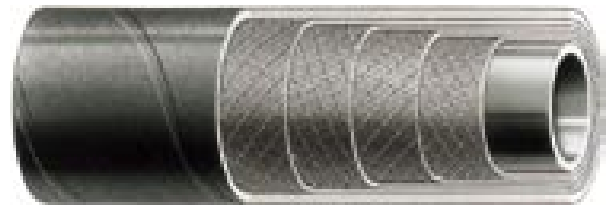
RUBBER MATERIAL HANDLING HOSE MADE IN ITALY Parker ITR



INTONACATRICI 25 - 40

Hose Construction

- Tube:** Black, abrasion resistant, antistatic smooth NR/SBR rubber compound (110 mm³)
- Reinforcement:** Synthetic textile fabrics
- Cover:** Black, abrasion and weather-resistant, SBR rubber compound



Applications

Designed for delivery of plaster and abrasive materials such as mortar and wet cement from plastering machines or spray nozzles.

Temperature Range

-30 °C (-22 °F) to +70 °C (+158 °F)

Tolerances

RMA steel mandrel

On inside diameter:

≤ I.D. 35 mm: ± 0,79 mm

> I.D. 35 mm: ± 1,59 mm

On outside diameter:

± 1,59 mm

Length tolerance:

± 1%

Part Number / Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
INTONACATRICI 25										
IH36822001/40	25	37	2,5	362,5	25	7,5	1087,5	75	0,81	300
IH36822003/40	30	42	2,5	362,5	25	7,5	1087,5	75	0,93	360
IH36822000/40	35	48	2,5	362,5	25	7,5	1087,5	75	1,16	420
IH36822063/40	40	53	2,5	362,5	25	7,5	1087,5	75	1,27	480
IH36822002/40	50	66	2,5	362,5	25	7,5	1087,5	75	1,92	600
INTONACATRICI H 25										
IH36822013/40	65	85	2,5	362,5	25	7,5	1087,5	75	3,03	780
INTONACATRICI 40										
IH36822041/40	32	46	4,0	600,0	40	12,0	1740,0	120	1,14	380
IH36822050/20	65	85	4,0	600,0	40	12,0	1740,0	120	3,04	780
INTONACATRICI L 40										
IH36822030/40	25	38	4,0	600,0	40	12,0	1740,0	120	0,89	300
IH36822044/40	35	49	4,0	600,0	40	12,0	1740,0	120	1,24	420
IH36822031/40	50	66	4,0	600,0	40	12,0	1740,0	120	1,95	600
INTONACATRICI H 40										
IH36822004/40	40	56	4,0	600,0	40	12,0	1740,0	120	1,60	480

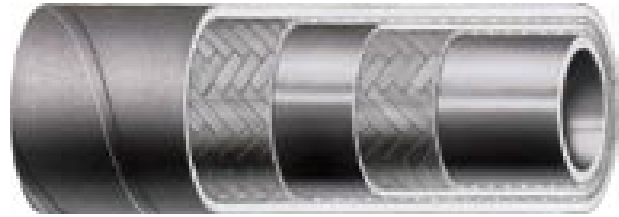
RUBBER MATERIAL HANDLING HOSE MADE IN ITALY Parker ITR



BETON 80

Hose Construction

- Tube:** Smooth, black NR/SBR compound resistant to the abrasive action of the concrete abrasion DIN 53516: max 50±5 mm³
- Reinforcement:** Steel wire cord plies
- Cover:** Black, smooth, weather and abrasion resistant NR/SBR rubber compound



Tolerances

- On outside diameter:**
RMA steel mandrel: ± 1,59 mm
- On inside diameter:**
According to UNI EN ISO 1307/97
- ≤ I.D. 65 mm: ± 1,20 mm
I.D. 76 mm: ± 1,40 mm
I.D. 100 - 125 mm: ± 1,60 mm
- Length tolerance:** ± 1%

Applications

Suitable for placement of concrete at casting locations by concrete pumps at the ends of the machine arms.
Supplied assembled with swaged on full flow hardened couplings at one end or both ends.

Temperature Range

-40 °C (-40 °F) to +70 °C (+158 °F)

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	Working Pressure			Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36827051/0	51	75	8,0	1200,0	80	20,0	3000,0	200	3,96	380
IH36827052/0	65	89	8,0	1200,0	80	20,0	3000,0	200	4,84	400
IH36827053/0	76	100	8,0	1200,0	80	20,0	3000,0	200	5,40	400
IH36827054/0	100	124	8,0	1200,0	80	20,0	3000,0	200	7,04	550
IH36827055/0	125	150	8,0	1200,0	80	20,0	3000,0	200	8,90	700

RUBBER HOSE BETON 80 bar MADE IN ITALY Parker ITR

MULTIREX PU

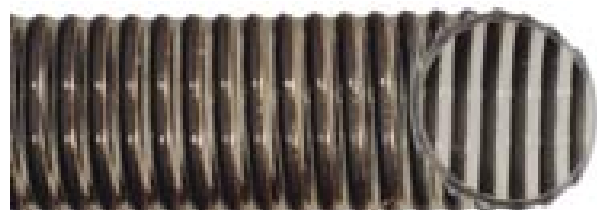
Hose Construction

Light and flexible hose having a grey rigid PVC spiral embedded in a transparent flexible PVC wall.

Inside PU layer 0,4 mm.

Foods and beverage – the polyurethane used is in conformity with:

- FDA - CFR 21 parts 175,105, 177,1680, 177,2600
- CEE 82/711, 85/572, 89/10, 90/128, 92/30, 93/8, 95/3, 98/11
- German BGA for foodstuff application



Suction

- ≤ I.D. 40 mm: 0,75 bar (550 mm Hg)
- I.D. 45 - 152 mm: 0,70 bar (515 mm Hg)

Applications







Suction and pressure hose for: water, fertilisers, food industry, chemical industry, industry for the manufacturing of wood and plastic materials, ventilation, pharmaceutical industry, mechanical engineering.

Tolerances

- On inside/outside diameter:** ± 4%
- Length tolerance:** ± 1%
- All other technical data are subject to a: ± 5% tolerance.

Temperature Range

-15 °C (+5 °F) to +65 °C (+149 °F)

IHXXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 Wall Thickness mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH35607040/30	40	–	0,7	101,5	7	2,1	304,5	21	0,59	242
IH35607045/30	45	–	0,7	101,5	7	2,1	304,5	21	0,63	267
IH35607050/30	50	–	0,7	94,3	6,5	2,0	282,8	19,5	0,77	293
IH35607055/30	55	–	0,7	94,3	6,5	2,0	282,8	19,5	0,84	318
IH35607060/30	60	–	0,6	87,0	6	1,8	261,0	18	0,92	345
IH35607065/30	65	–	0,6	79,8	5,5	1,7	239,3	16,5	1,04	370
IH35607070/30	70	–	0,5	65,3	4,5	1,4	195,8	13,5	1,17	400
IH35607075/30	75	–	0,5	65,3	4,5	1,4	195,8	13,5	1,30	425
IH35607080/30	80	–	0,4	58,0	4	1,2	174,0	12	1,60	453
IH35607090/30	90	–	0,4	50,8	3,5	1,1	152,3	10,5	1,87	510
IH35607102/30	102	–	0,4	50,8	3,5	1,1	152,3	10,5	2,25	573
IH35607120/30	120	–	0,3	43,5	3	0,9	130,5	9	2,80	663
IH35607152/20	152	–	0,2	29,0	2	0,6	87,0	6	4,35	835

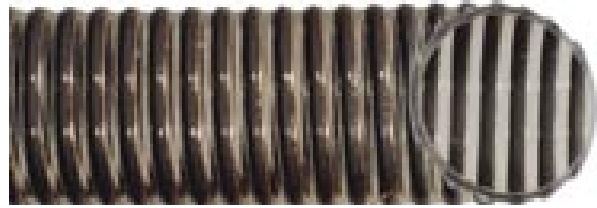
MULTIREX PU I.D. mm Parker ITR



**MULTIREX PU/ANC****Hose Construction**

Light and flexible hose having a grey rigid PVC spiral embedded in a transparent flexible PVC wall.
With external copper wire giving the electrical continuity.
Inside PU layer 0,4 mm.
Foods and beverages – the polyurethane used is in conformity with:

- FDA - CFR 21 parts 175,105, 177,1680, 177,2600
- CEE 82/711, 85/572, 89/10, 90/128, 92/30, 93/8, 95/3, 98/11
- German BGA for foodstuff application

**Suction**

≤ I.D. 40 mm: 0,75 bar (550 mm Hg)
I.D. 45 - 152 mm: 0,70 bar (515 mm Hg)

Tolerances

On inside/outside diameter: ± 4%
Length tolerance: ± 1%
All other technical data are subject to a: ± 5% tolerance.

Applications

Suction and pressure hose for: water, fertilisers, food industry, chemical industry, industry for the manufacturing of wood and plastic materials, ventilation, pharmaceutical industry, mechanical engineering.

Temperature Range

-15 °C (+5 °F) to +65 °C (+149 °F)

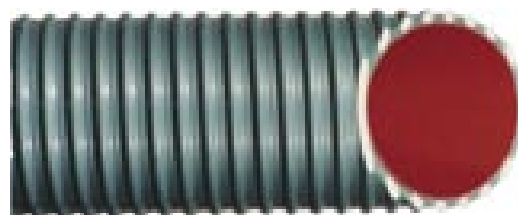
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 Wall Thickness mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36608040/30	40	–	0,7	101,5	7	2,1	304,5	21	0,6	242
IH35608045/30	45	–	0,7	101,5	7	2,1	304,5	21	0,6	267
IH35608050/30	50	–	0,7	94,3	6,5	2,0	282,8	19,5	0,8	293
IH35608055/30	55	–	0,7	94,3	6,5	2,0	282,8	19,5	0,8	318
IH35608060/30	60	–	0,6	87,0	6	1,8	261,0	18	0,9	345
IH35608065/30	65	–	0,6	79,8	5,5	1,7	239,3	16,5	1,0	370
IH35608070/30	70	–	0,5	65,3	4,5	1,4	195,8	13,5	1,2	400
IH35608075/30	75	–	0,5	65,3	4,5	1,4	195,8	13,5	1,3	425
IH35608080/30	80	–	0,4	58,0	4	1,2	174,0	12	1,6	453
IH35608090/30	90	–	0,4	50,8	3,5	1,1	152,3	10,5	1,9	510
IH35608102/30	102	–	0,4	50,8	3,5	1,1	152,3	10,5	2,3	573
IH35608120/30	120	–	0,3	43,5	3	0,9	130,5	9	2,8	663
IH35608152/20	152	–	0,2	29,0	2	0,6	87,0	6	4,4	835

MULTIREX PU/ANC I.D. mm Parker ITR

MEDIREX PU

Hose Construction

Flexible hose having a white rigid spiral embedded in a metallic green colour flexible hose. PU body with 1,5 mm wall thickness.



Applications

Excellent resistance to pressure and vacuum.
 Superior resistance to internal abrasion.
 Resistant to atmospheric conditions and chemicals.
 Suction and ducting hose especially for sand, gravel, cement, slurry, etc.
 Specially suitable for abrasive media.

Temperature Range

-25 °C (-13 °F) to +60 °C (+140 °F)

Suction

0,80 bar (590 mm Hg)

Tolerances

On inside/outside diameter: ± 4%





Length tolerance: ± 1%

All other technical data are subject to a: ± 5% tolerance.

Note

Available on request:

MEDIREX PU/ANC with an outer copper wire to assure electrical continuity.

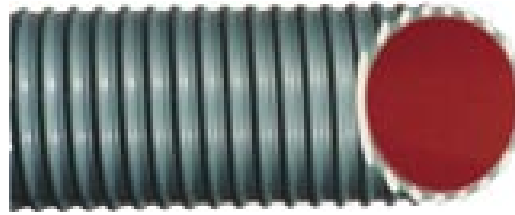
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 Wall Thickness mm	Working Pressure			Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH35583038/50	38	–	0,7	101,5	7	2,1	304,5	21	0,7	212
IH35583050/50	50	–	0,7	101,5	7	2,1	304,5	21	1,1	267
IH35583063/50	63	–	0,6	87,0	6	1,8	261,0	18	1,4	330
IH35583075/50	75	–	0,5	72,5	5	1,5	217,5	15	1,8	390
IH35583100/30	100	–	0,3	43,5	3	0,9	130,5	9	3,0	510
IH35583150/20	150	–	0,2	29,0	2	0,6	87,0	6	5,0	745

MEDIREX PU I.D. mm Parker ITR



**FORTIREX PU/ANC****Hose Construction**

Flexible hose having a white rigid spiral embedded in a metallic green colour flexible hose. With an outer copper wire to assure electrical continuity. PU body with 1,5 mm wall thickness.

**Applications**

Excellent resistance to pressure and vacuum.
Superior resistance to internal abrasion.
Resistant to atmospheric conditions and chemicals.
Suction and ducting hose especially for sand, gravel, cement, slurry, etc.
Specially suitable for abrasive media.

Suction

0,90 bar (660 mm Hg)

Tolerances

On inside/outside diameter: $\pm 4\%$

Length tolerance: $\pm 1\%$

All other technical data are subject to a: $\pm 5\%$ tolerance.

Temperature Range

-25 °C (-13 °F) to +60 °C (+140 °F)

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 Wall Thickness mm	Working Pressure			Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH35527038/50	38	–	0,9	130,5	9	2,7	391,5	27	0,8	336
IH35527040/50	40	–	0,9	130,5	9	2,7	391,5	27	0,9	350
IH35527050/50	50	–	0,8	116,0	8	2,4	348,0	24	1,2	427
IH35527060/50	60	–	0,8	108,8	7,5	2,3	326,3	22,5	1,6	501
IH35527070/50	70	–	0,7	101,5	7	2,1	304,5	21	1,9	585
IH35527075/50	75	–	0,7	94,3	6,5	2,0	282,8	19,5	2,0	620
IH35527080/50	80	–	0,7	94,3	6,5	2,0	282,8	19,5	2,2	752
IH35527090/50	90	–	0,6	79,8	5,5	1,7	239,3	16,5	2,6	840
IH35527100/30	100	–	0,5	72,5	5	1,5	217,5	15	3,1	928
IH35527120/30	120	–	0,4	58,0	4	1,2	174,0	12	4,0	1102
IH35527152/20	152	–	0,3	43,5	3	0,9	130,5	9	6,3	1368

FORTIREX PU/ANC I.D. mm Parker ITR

APERSPIR PU

Hose Construction

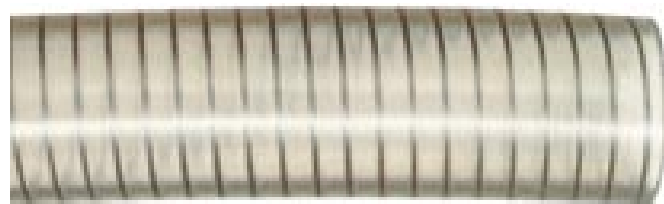
Multilayer PU-PVC hose with a steel wire reinforcement spiral. Inside wall PU, outside layer soft PVC.

Perfect adhesion between layers.

Standard colour: clear – transparent.

Foods and beverages – the polyurethane used is in conformity with:

- FDA-CRF 21 parts 175,105, 177,1680, 177,2600
- CEE 82/711, 85/572, 89/109, 90/128, 92/30, 93/8, 95/3, 98/11
- German BGA for foodstuff application



Suction

0,95 bar (700 mm Hg)

Tolerances

On inside/outside diameter: ± 4%

Length tolerance: ± 1%

All other technical data are subject to a: ± 5% tolerance.

Applications

Very heavy tasks and applications: industry, construction, agriculture.

Particularly suitable for food at high speed as well as for very abrasive media, such as cement, sand, gravel, grains, metal shavings, etc.

Temperature Range

-20 °C (-4 °F) to +80 °C (+176 °F)

for short peaks +90/100 °C (194/212 °F)

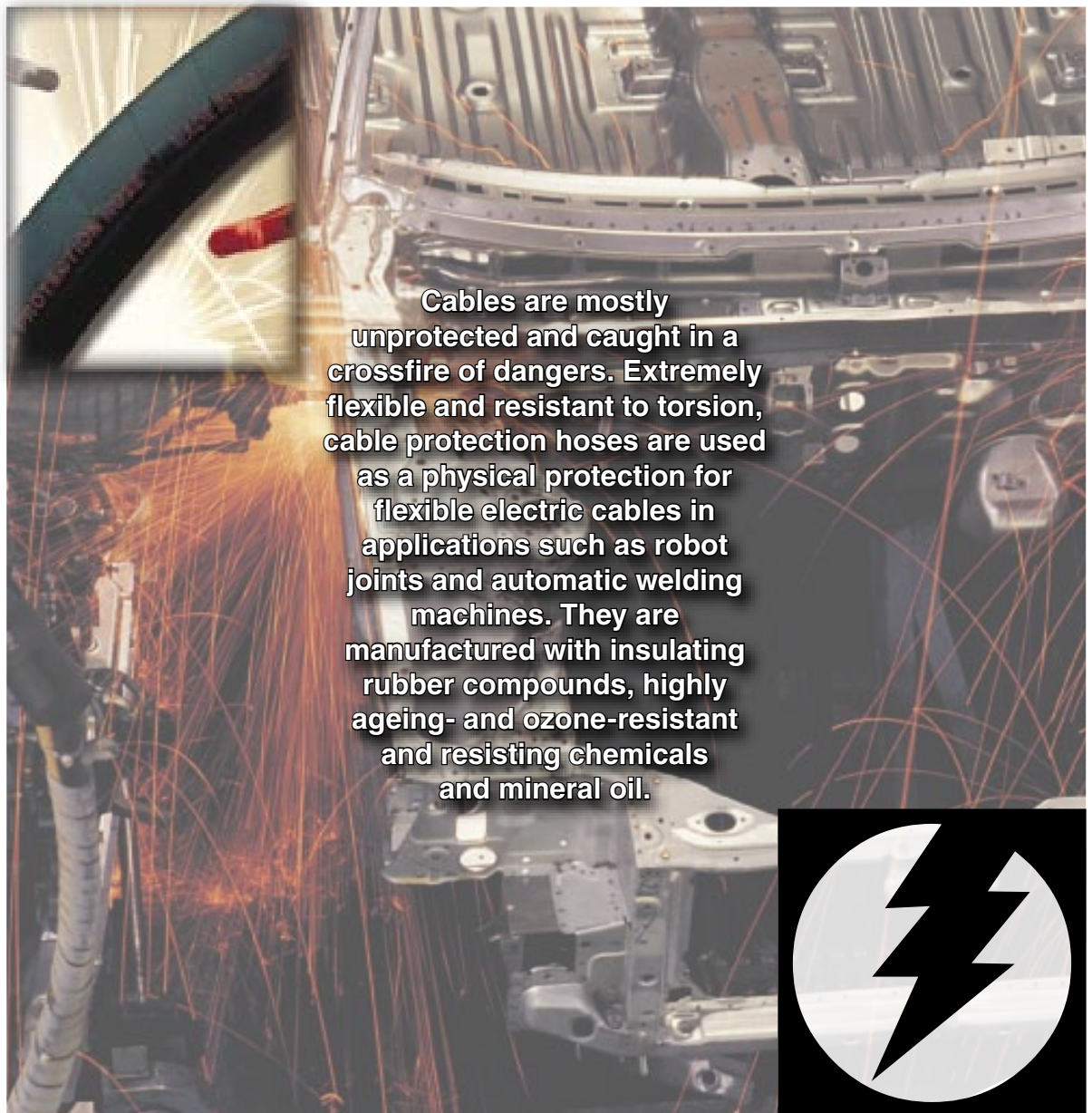
Part Number / Standard Length m	I.D. mm	Wall Thickness mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH35644030/20	30	-	0,6	90,0	6	1,8	270,0	18	0,63	120
IH35644038/20	38	-	0,6	90,0	6	1,8	270,0	18	0,80	152
IH35644040/20	40	-	0,6	90,0	6	1,8	270,0	18	0,95	160
IH35644045/20	45	-	0,6	90,0	6	1,8	270,0	18	1,15	180
IH35644050/20	50	-	0,6	90,0	6	1,8	270,0	18	1,30	200
IH35644051/20	51	-	0,6	90,0	6	1,8	270,0	18	1,30	204
IH35644060/20	60	-	0,5	72,5	5	1,5	217,5	15	1,75	240
IH35644070/20	70	-	0,5	72,5	5	1,5	217,5	15	2,10	280
IH35644076/20	76	-	0,4	58,0	4	1,2	174,0	12	2,30	304
IH35644102/20	102	-	0,3	43,5	3	0,9	130,5	9	3,75	408

APERSPIR PU I.D. mm Parker ITR





Cable Protection Hoses



Cables are mostly unprotected and caught in a crossfire of dangers. Extremely flexible and resistant to torsion, cable protection hoses are used as a physical protection for flexible electric cables in applications such as robot joints and automatic welding machines. They are manufactured with insulating rubber compounds, highly ageing- and ozone-resistant and resisting chemicals and mineral oil.



**Protection
and Cooling**



**ROBOT
SALDATRICI 5-10**

Cable protection hose.

Protection



CABLE 109

Recommended for protection
and carrying welding and industrial cable.



CONDUREX/N

Designed for sheathed cables on machine tools
as well as on fixed machinery.

N – Cable Protection Hose

Protection and Cooling

ROBOT	▶	N4
SALDATRICI 5 - 10	▶	N5

Protection

CABLE 109	▶	N6
CONDUREX/N	▶	N7

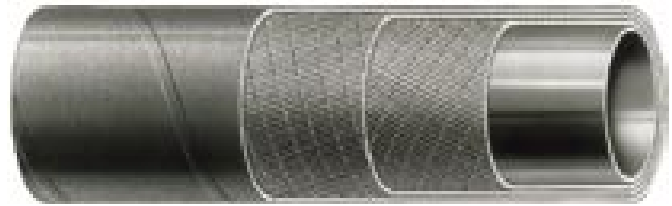




ROBOT

Hose Construction

- Tube:** Black, smooth, synthetic NR/SBR rubber compound
- Reinforcement:** Synthetic textile fabrics
- Cover:** Black, abrasion, ozone and weather-resistant, synthetic SBR rubber compound



Applications

Light-weight and flexible, recommended for protection and carrying welding cable coolant and particularly for robot applications, where a twist-connector is required.

Temperature Range

-20 °C (-46 °F) to +80 °C (+176 °F)

Tolerances

RMA steel mandrel

On inside diameter:

≤ I.D. 38 mm: ± 0,79 mm

> I.D. 38 mm: ± 1,59 mm

On outside diameter:

± 1,59 mm

Length tolerance:

± 1%

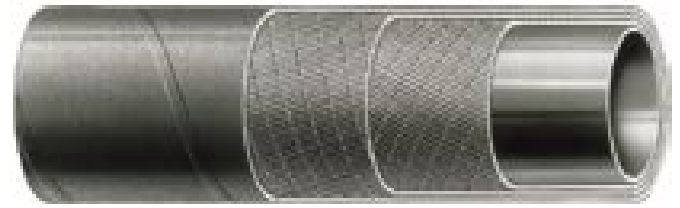
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	Working Pressure			Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
ROBOT TR										
IH36832203/40	30	40	0,4	58,0	4	1,2	174,0	12	0,78	-
IH36832204/40	40	52	0,4	58,0	4	1,2	174,0	12	1,21	-
IH36832212/40	44	56	0,4	58,0	4	1,2	174,0	12	1,31	-
IH36832208/40	48	60	0,4	58,0	4	1,2	174,0	12	1,40	-
ROBOT CIA TS										
IH36832225/40	25	35	0,4	58,0	4	1,2	174,0	12	0,68	-
IH36832256/40	32	42	0,4	58,0	4	1,2	174,0	12	0,83	-
IH36832251/40	40	50	0,4	58,0	4	1,2	174,0	12	0,99	-
IH36832253/40	42	52	0,4	58,0	4	1,2	174,0	12	1,05	-
ROBOT ED TS										
IH36832231/40	32	44	0,6	90,0	6	1,8	270,0	18	0,94	-
IH36832232/40	38	50,5	0,6	90,0	6	1,8	270,0	18	1,10	-
IH36832233/40	42	54	0,6	90,0	6	1,8	270,0	18	1,35	-

RUBBER CABLE PROTECTION HOSE MADE IN ITALY Parker ITR

SALDATRICI 5 - 10

Hose Construction

- Tube:** Black, smooth, SBR rubber compound
- Reinforcement:** Synthetic textile fabrics
- Cover:** Black, abrasion, ozone and weather-resistant, SBR rubber compound



Applications

Light-weight and flexible, recommended for protection and carrying welding cable coolant .

Temperature Range

-20 °C (-46 °F) to +80 °C (+176 °F)

Tolerances

RMA steel mandrel

On inside diameter:





≤ I.D. 38 mm: ± 0,79 mm

> I.D. 38 mm: ± 1,59 mm

On outside diameter:

± 1,59 mm

Length tolerance: ± 1%

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	Working Pressure			Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
SALDATRICI 5										
IH36202013/40	25	33	0,5	72,5	5	1,5	217,5	15	0,52	-
IH36802009/40	30	40	0,5	72,5	5	1,5	217,5	15	0,77	-
IH36802008/40	38	50	0,5	72,5	5	1,5	217,5	15	1,15	-
SALDATRICI 10										
IH36802045/40	28	38	1,0	150,0	10	3,0	450,0	30	0,73	-
IH36802046/40	35	46	1,0	150,0	10	3,0	450,0	30	0,98	-
IH36802047/40	38	48	1,0	150,0	10	3,0	450,0	30	0,94	-
IH36802051/40	42	52	1,0	150,0	10	3,0	450,0	30	1,01	-

RUBBER CABLE PROTECTION HOSE MADE IN ITALY Parker ITR

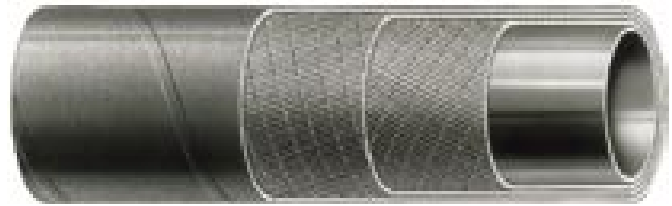




CABLE 109

Hose Construction

- Tube:** Black, smooth, SBR rubber compound
- Reinforcement:** Synthetic textile fabrics
- Cover:** Black, abrasion, ozone and weather-resistant, SBR rubber compound



Applications

Extra light-weight and flexible, recommended for protection and carrying welding and industrial cable.

Temperature Range

-20 °C (-4 °F) to +80 °C (+176 °F)

Tolerances

RMA steel mandrel

On inside diameter:

≤ I.D. 38 mm: ± 0,79 mm

> I.D. 38 mm: ± 1,59 mm

On outside diameter:

± 1,59 mm

Length tolerance:

± 1%

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36832047/40	35	37	-	-	-	-	-	-	0,12	-
IH36832049/40	38	42	-	-	-	-	-	-	1,00	-
IH36832040/40	40	43	-	-	-	-	-	-	0,61	-
IH36832048/40	45	47	-	-	-	-	-	-	0,20	-

CONDUREX/N

Hose Construction

Flexible hose having a beige, rigid PVC spiral embedded in a black, flexible PVC wall.

Applications

Excellent insulating properties, specially designed for sheathing cables on machine tools as well as on fixed machinery.

Temperature Range

-10 °C (+14 °F) to +60 °C (+140 °F)





Tolerances

On inside diameter: $\pm 1\%$

Length tolerance: $\pm 1\%$

All other technical data are subject to a $\pm 5\%$ tolerance.

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	Wall thickness mm	Working Pressure			Burst Pressure			Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH35632010/100	10	2,5	-	-	-	-	-	-	0,11	13
IH35632012/100	12	2,5	-	-	-	-	-	-	0,13	13
IH35632014/100	14	2,6	-	-	-	-	-	-	0,15	15
IH35632016/100	16	2,6	-	-	-	-	-	-	0,16	16
IH35632020/100	20	2,8	-	-	-	-	-	-	0,23	21
IH35632025/50	25	2,9	-	-	-	-	-	-	0,31	30
IH35632028/60	28	3,1	-	-	-	-	-	-	0,38	35



Multipurpose Hoses



Parker manufactures a wide range of multipurpose hoses for different applications and are particularly versatile.

For example PYTHON (for hot water, light chemicals) and OILPRESS (high quality hose, flame retardant) give the customers maximum quality assurance and control, resulting in the Parker guarantee of product excellence.





▶ **EPDM Tube**



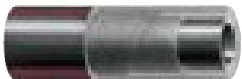
PYTHON NV 10
PYTHON NY 15

Designed for air, cold and hot water and light-chemical media.



VARIOPRESS N/L 10-20
VARIOPRESS SM 10

Designed for air, cold and hot water and light-chemical media.
Also available with an embedded wire helix (SM).



JUMBO N/L

Suitable for hot and cold water, air and light-chemical media.

▶ **NBR Tube**



OILPRESS N/L 20-30
OILCORD 30

Suitable for the transfer of many types of fluids and for petroleum products with an aromatic content not exceeding 50%.



O – Multipurpose Hose

EPDM Tube

PYTHON NV 10	▶	O4
PYTHON NY 15	▶	O5
VARIOPRESS N/L 10-20	▶	O6
VARIOPRESS SM 10	▶	O7
JUMBO N/L	▶	O8

NBR Tube

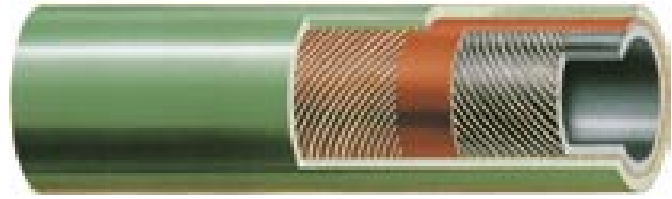
OILPRESS N/L 20-30	▶	O9
OILCORD 30	▶	O10



PYTHON NV 10

Hose Construction

- Tube:** Black, antistatic ($R < 1 \text{ M}\Omega/\text{m}$), smooth EPDM rubber compound, resistant to light-chemical media
- Reinforcement:** Synthetic textile yarns
- Cover:** Green, smooth EPDM rubber compound



Applications

Designed for air, cold and hot water and light-chemical media.

Major properties of PYTHON hoses are:

- high ozone resistance
- antistatic resistance
- high temperature resistance
- low temperature resistance
- non-staining cover
- high flexibility

Tolerances

UNI EN ISO 1307/97 tolerances for inside diameters - and including 25 mm.

On inside diameter (for LL):

I.D. 10 - 19 mm: $\pm 0,80 \text{ mm}$

I.D. 25 mm: $\pm 1,20 \text{ mm}$

> I.D. 25 mm: RMA steel mandrel tolerances

On inside diameter (for MM):

\leq I.D. 38 mm: $\pm 0,79 \text{ mm}$







> I.D. 38 mm: $\pm 1,59 \text{ mm}$

On outside diameter: $\pm 1,59 \text{ mm}$

Length tolerance: $\pm 1\%$

Temperature Range

-40 °C (-40 °F) to +110 °C (+230 °F)
with peaks to +130 °C (+266 °C)

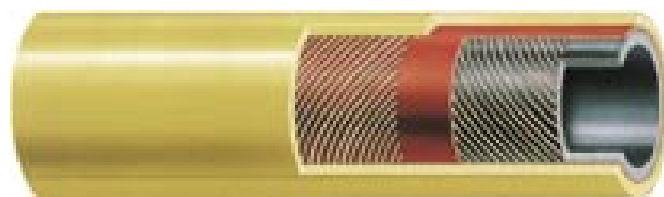
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30351001/40	10	17	1,0	150,0	10	4,0	600,0	40	0,22	60
IH30351001/80	10	17	1,0	150,0	10	4,0	600,0	40	0,22	60
IH30351002/40	13	20	1,0	150,0	10	4,0	600,0	40	0,27	80
IH30351002/80	13	20	1,0	150,0	10	4,0	600,0	40	0,27	80
IH30351004/40	15	22	1,0	150,0	10	4,0	600,0	40	0,30	90
IH30351004/80	15	22	1,0	150,0	10	4,0	600,0	40	0,30	90
IH30351006/40	19	27	1,0	150,0	10	4,0	600,0	40	0,42	110
IH30351006/80	19	27	1,0	150,0	10	4,0	600,0	40	0,42	110
IH30351008/40	25	34	1,0	150,0	10	4,0	600,0	40	0,62	150
IH36351100/40	32	44	1,0	150,0	10	4,0	600,0	40	0,99	320
IH36351102/40	38	52	1,0	150,0	10	4,0	600,0	40	1,35	380
IH36351106/40	42	56	1,0	150,0	10	4,0	600,0	40	1,47	420
IH36351110/40	50	65	1,0	150,0	10	4,0	600,0	40	1,85	500

RUBBER HOSE PYTHON 10 bar MADE IN ITALY Parker ITR

PYTHON NY 15

Hose Construction

Tube:	Black, antistatic ($R < 1 \text{ M}\Omega/\text{m}$), smooth EPDM rubber compound, resistant to light-chemical media
Reinforcement:	Synthetic textile yarns
Cover:	Yellow, smooth EPDM rubber compound



Applications

Designed for air, cold and hot water and light-chemical media.

Major properties of PYTHON hoses are:

- high ozone resistance
- antistatic resistance
- high temperature resistance
- low temperature resistance
- non-staining cover
- high flexibility

Temperature Range

-40 °C (-40 °F) to +110 °C (+230 °F)
with peaks to +130 °C (+266 °C)

Tolerances

UNI EN ISO 1307/97 tolerances for inside diameters - and including 25 mm.

On inside diameter (for LL):

I.D. 6 - 19 mm: $\pm 0,80 \text{ mm}$

I.D. 25 mm: $\pm 1,20 \text{ mm}$

> I.D. 25 mm: RMA steel mandrel tolerances







On inside diameter (for MM):

\leq I.D. 38 mm: $\pm 0,79 \text{ mm}$

> I.D. 38 mm: $\pm 1,59 \text{ mm}$

On outside diameter: $\pm 1,59 \text{ mm}$

Length tolerance: $\pm 1\%$

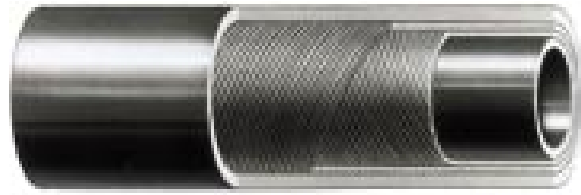
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30351017/40	6	14	1,5	217,5	15	6,0	900,0	60	0,19	40
IH30351017/80	6	14	1,5	217,5	15	6,0	900,0	60	0,19	40
IH30351018/40	8	17	1,5	217,5	15	6,0	900,0	60	0,26	50
IH30351018/80	8	17	1,5	217,5	15	6,0	900,0	60	0,26	50
IH30351019/40	10	20	1,5	217,5	15	6,0	900,0	60	0,35	60
IH30351019/80	10	20	1,5	217,5	15	6,0	900,0	60	0,35	60
IH30351020/40	13	23	1,5	217,5	15	6,0	900,0	60	0,41	80
IH30351020/80	13	23	1,5	217,5	15	6,0	900,0	60	0,41	80
IH30351022/40	16	27	1,5	217,5	15	6,0	900,0	60	0,55	100
IH30351022/80	16	27	1,5	217,5	15	6,0	900,0	60	0,55	100
IH30351024/40	19	30	1,5	217,5	15	6,0	900,0	60	0,63	110
IH30351024/80	19	30	1,5	217,5	15	6,0	900,0	60	0,63	110
IH30351026/40	25	37	1,5	217,5	15	6,0	900,0	60	0,88	150
IH36351160/40	32	44	1,5	217,5	15	6,0	900,0	60	0,98	320
IH36351162/40	38	52	1,5	217,5	15	6,0	900,0	60	1,35	380
IH36351106/40	42	56	1,5	217,5	15	6,0	900,0	60	1,47	420
IH36351045/40	50	65	1,5	217,5	15	6,0	900,0	60	1,82	500
IH36351048/20	65	83	1,5	217,5	15	6,0	900,0	60	2,75	650
IH36351049/20	75	93	1,5	217,5	15	6,0	900,0	60	3,11	750
IH36351054/20	100	122	1,5	217,5	15	6,0	900,0	60	5,02	1000

RUBBER HOSE PYTHON 15 bar MADE IN ITALY Parker ITR

VARIOPRESS N/L 10-20

Hose Construction

Tube: Black, antistatic, smooth EPDM rubber compound
Reinforcement: Synthetic textile fabric
Cover: Black, antistatic (R < 1 MΩ/m), smooth EPDM rubber compound, resistant to abrasion, ageing, heat and weathering



Applications

Designed for air, cold and hot water and light-chemical media.

Temperature Range







-40 °C (-40 °F) to +100 °C (+212 °F), with peaks to +120 °C (+248 °F)

Tolerances

According to UNI EN ISO 1307/97

On inside diameter:

I.D. 5 mm: ± 0,60 mm
 I.D. 8 - 19 mm: ± 0,80 mm
 I.D. 25 mm: ± 1,20 mm
Length tolerance: ± 1%

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
VARIOPRESS N/L 10										
IH30113007/100	5	11	1,0	150,0	10	3,0	450,0	30	0,10	30
IH30113000/100	8	15	1,0	150,0	10	3,0	450,0	30	0,17	50
IH30113008/100	10	16	1,0	150,0	10	3,0	450,0	30	0,16	60
IH30113010/100	13	19	1,0	150,0	10	3,0	450,0	30	0,20	80
IH30113030/100	16	23	1,0	150,0	10	3,0	450,0	30	0,29	100
IH30113013/80	19	27	1,0	150,0	10	3,0	450,0	30	0,39	115
IH30113012/50	25	35	1,0	150,0	10	3,0	450,0	30	0,63	150
VARIOPRESS N/L 20										
IH30113020/100	10	19	2,0	300,0	20	6,0	900,0	60	0,27	60
IH30113025/100	12	18	2,0	300,0	20	6,0	900,0	60	0,19	70
IH30113027/40	13	20	2,0	300,0	20	6,0	900,0	60	0,25	80
IH30113027/100	13	20	2,0	300,0	20	6,0	900,0	60	0,25	80
IH30113037/100	16	25	2,0	300,0	20	6,0	900,0	60	0,4	100
IH30113047/80	19	30	2,0	300,0	20	6,0	900,0	60	0,57	115
IH30113042/50	25	37	2,0	300,0	20	6,0	900,0	60	0,79	150

RUBBER HOSE VARIOPRESS W.P. bar MADE IN ITALY Parker ITR



VARIOPRESS SM 10

Hose Construction

- Tube:** Black, antistatic, smooth EPDM rubber compound
- Reinforcement:** Synthetic textile fabric and embedded steel wire helix
- Cover:** Black, antistatic ($R < 1 \text{ M}\Omega/\text{m}$), smooth EPDM rubber compound, particularly resistant to abrasion, heat and weathering



Suction

Max. 0,8 bar (590 mm Hg)

Applications

Light-weight and flexible, designed for suction and delivery of air, cold and hot water and mild chemicals.

Temperature Range

-40 °C (-40 °F) to +100 °C (+212 °F)

Tolerances

RMA steel mandrel tolerances.

On inside diameter:

≤ I.D. 38 mm: ± 0,79 mm

> I.D. 38 mm: ± 1,59 mm

Length tolerance: ± 1%

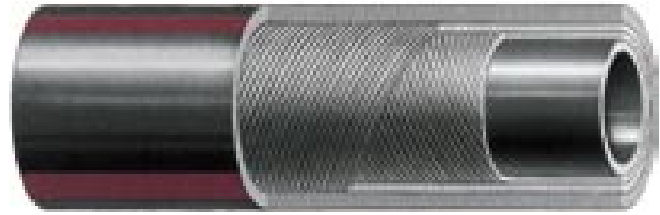
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	Working Pressure			Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36212034/40	25	35	1,0	150,0	10	3,0	450,0	30	0,72	150
IH36212033/40	32	42	1,0	150,0	10	3,0	450,0	30	0,87	190
IH36212032/40	35	45	1,0	150,0	10	3,0	450,0	30	0,94	210
IH36212016/40	38	48	1,0	150,0	10	3,0	450,0	30	1,01	230
IH36212035/40	51	62	1,0	150,0	10	3,0	450,0	30	1,33	310

RUBBER HOSE VARIOPRESS 10 bar MADE IN ITALY Parker ITR

JUMBO N/L

Hose Construction

- Tube:** Black, smooth EPDM rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Black, smooth EPDM rubber compound with three red, longitudinal and different stripes, resistant to abrasion, heat and weathering



Branding

Long lasting embossed branding.

Tolerances

UNI EN ISO 1307/97

On inside diameter:

≤ I.D. 19 mm: ± 0,80 mm

I.D. 25 mm: ± 1,20 mm







Length tolerance: ± 1%

Applications

Suitable for the discharge of hot and cold water, air and light-chemical media in many industrial and agricultural applications.

Temperature Range

-40 °C (-40 °F) to +120 °C (+248 °F)

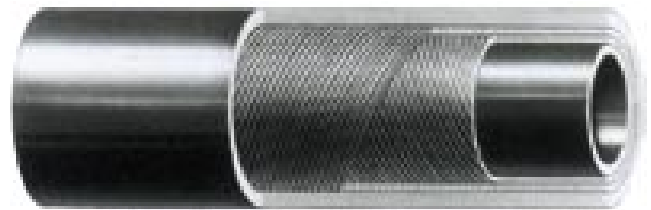
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30116500/40	13	19	2,0	300,0	20	6,0	900,0	60	0,21	75
IH30116501/40	15	22	2,0	300,0	20	6,0	900,0	60	0,28	90
IH30116502/40	19	27	2,0	300,0	20	6,0	900,0	60	0,40	110
IH30116504/40	25	34	2,0	300,0	20	6,0	900,0	60	0,57	150

JUMBO (logo) WASSERSCHLAUCH (logo) JUMBO 20 bar Ø mm. MAX 120°C MADE IN ITALY Parker ITR

OILPRESS N/L 20 - 30

Hose Construction

- Tube:** Smooth, black, oil and fuel resistant NBR rubber compound, suitable for petroleum products with aromatic content not exceeding 50 %
- Reinforcement:** Synthetic textile yarns
- Cover:** Smooth, black, self-extinguishing, antistatic ($R < 1 \text{ M}\Omega/\text{m}$) heat, oil, abrasion and weather resistant CR rubber compound



Tolerances

According to UNI EN ISO 1307/97

On inside diameter:

I.D. 6 - 19 mm: $\pm 0,80 \text{ mm}$

I.D. 25 mm: $\pm 1,20 \text{ mm}$







Length tolerance: $\pm 1\%$

Applications

Suitable for multi-purpose applications requiring transfer of many types of fluids and for petroleum products with aromatic content not exceeding 50%. The light-weight (L) construction is recommended for light-duty or personalised applications.

Temperature Range

-30 °C (-22 °F) to +100 °C (+212 °F),
with peaks +120 °C (+248 °F)

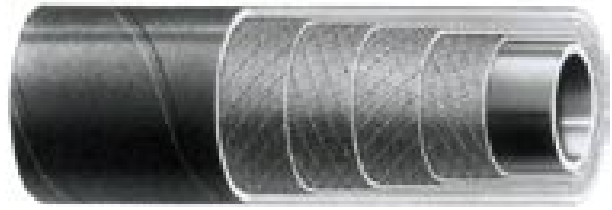
Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
OILPRESS N/L 20										
IH30832000/40	6	12	2,0	300,0	20	6,0	900,0	60	0,12	45
IH30831999/40	7	13	2,0	300,0	20	6,0	900,0	60	0,14	50
IH30832001/40	8	14	2,0	300,0	20	6,0	900,0	60	0,15	55
IH30832002/40	10	17	2,0	300,0	20	6,0	900,0	60	0,21	70
IH30832003/40	13	20	2,0	300,0	20	6,0	900,0	60	0,26	90
IH30832004/40	16	23	2,0	300,0	20	6,0	900,0	60	0,31	120
IH30832005/40	19	28	2,0	300,0	20	6,0	900,0	60	0,47	130
IH30832006/40	25	36	2,0	300,0	20	6,0	900,0	60	0,74	180
OILPRESS N/L 30										
IH30832031/40	6	14	3,0	450,0	30	9,0	1350,0	90	0,18	45
IH30832032/40	8	16	3,0	450,0	30	9,0	1350,0	90	0,21	55
IH30832033/40	10	18	3,0	450,0	30	9,0	1350,0	90	0,25	70
IH30832034/40	13	23	3,0	450,0	30	9,0	1350,0	90	0,40	90
IH30832035/40	16	27	3,0	450,0	30	9,0	1350,0	90	0,47	115
IH30832036/40	19	30	3,0	450,0	30	9,0	1350,0	90	0,60	135
IH30832037/40	25	37	3,0	450,0	30	9,0	1350,0	90	0,83	200

RUBBER HOSE OILPRESS W.P. bar R<1MΩ MADE IN ITALY - Parker ITR

OILCORD 30

Hose Construction

- Tube:** Smooth, black, oil and fuel resistant NBR rubber compound, suitable for petroleum products with aromatic content not exceeding 50 %
- Reinforcement:** Synthetic textile fabrics
- Cover:** Smooth, black, antistatic ($R < 1 \text{ M}\Omega/\text{m}$) oil, abrasion and weather resistant SBR/NBR rubber compound



Applications







Suitable for multi-purpose applications requiring the transfer of many types of fluids and for petroleum products with aromatic content not exceeding 50%. The light-weight (L) construction is recommended for light-duty or personalised applications.

Tolerances

- RMA steel mandrel tolerances
- On inside diameter:**
- ≤ I.D. 38 mm: ± 0,79 mm
 - > I.D. 38 mm: ± 1,59 mm
- On outside diameter:** ± 1,59 mm
- Length tolerance:** ± 1%

Temperature Range

-25 °C (-13 °F) to +80 °C (+176 °F)

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36520010/40	32	45	3,0	450,0	30	9,0	1350,0	90	1,02	320
IH36520012/40	38	51	3,0	450,0	30	9,0	1350,0	90	1,19	380
IH36520017/40	40	55	3,0	450,0	30	9,0	1350,0	90	1,48	400
IH36520015/40	50	65	3,0	450,0	30	9,0	1350,0	90	1,78	500
IH36520018/40	60	77	3,0	450,0	30	9,0	1350,0	90	2,37	600

RUBBER MULTIUSE OILCORD 30 bar R<1MΩ MADE IN ITALY Parker ITR



Corrugated Stainless Steel Hoses

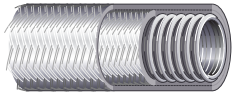


This hose line is specially designed for medium and high pressure applications in the chemical and petrochemical industries, pharmaceutical laboratories, nuclear, glass manufacture, paper and pneumatic industries.





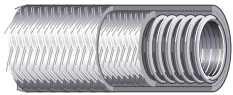
**Medium
Pressure**



**INP
IHQ**

Iron and steel, glass manufacture, paper, nuclear,
pneumatic industries, petrochemical and chemical,
(aggressive fluids, steam, gas, fuel...)

**High
Pressure**



IHH

Cryogenic, iron and steel industry

P – Stainless Steel Hose

Medium Pressure

INP

▶ P4

IHQ

▶ P5

High Pressure

IHH

▶ P6

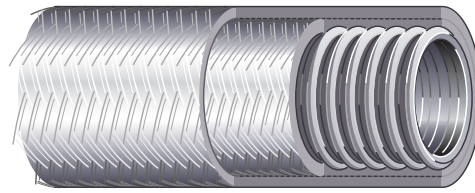




INP

Hose Construction

Corrugated parallel flexible metal hose made from stainless steel sheet type 321 covered with one or two stainless steel braids type 304



Applications

For medium pressure applications in iron and steel industries, cryogenic, glass manufacture, paper, nuclear, pneumatic industries, petrochemical and chemical, (aggressive fluids, steam, gas, fuel...)

Temperature Range

-200 °C (-348 °F) to +550 °C (+1022 °F)

Hose reference available:




INPØ1T (corrugated stainless steel 321 covered with one stainless steel braid)

INPØ2T (corrugated stainless steel 321 covered with two stainless steel braids)

Note Available assembled with fittings or flanges

Warning

Mechanical features of metal change in function of temperature. Pressure ratings shown in the listed charts (INP, IHQ and IHH) are applicable at room temperature. For further technical information, please contact the Technical Assistance.

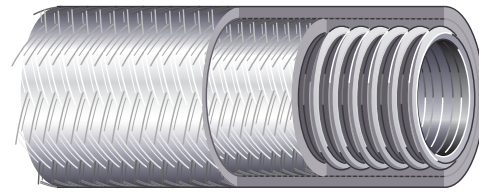
IHXXXXXXXXXX Part Number / Standard Length* m	Description	 I.D. mm	 O.D. mm	Working Pressure			 Weight kg/m	Radius mm	
				MPa	psi	bar		dyn.	stat.
IH262006121/0	INP61T	6	12	15,0	2176,0	150	0,18	25	100
IH262006221/0	INP62T	6	12	22,0	3190,0	220	0,28	30	100
IH262008121/0	INP81T	8	13	13,5	1958,0	135	0,24	40	140
IH262008221/0	INP82T	8	15	20,0	2900,0	200	0,36	45	140
IH262010121/0	INP101T	11	18	7,5	1088,0	75	0,25	35	190
IH262010221/0	INP102T	11	19	10,5	1523,0	105	0,40	35	205
IH262013121/0	INP131T	12	20	7,0	1015,0	70	0,29	35	210
IH262013221/0	INP132T	12	21	10,0	1450,0	100	0,47	35	225
IH262016121/0	INP161T	16	25	6,5	943,0	65	0,37	45	285
IH262016221/0	INP162T	16	27	9,0	1305,0	90	0,58	45	305
IH262020121/0	INP201T	20	30	5,0	725,0	50	0,50	55	310
IH262020221/0	INP202T	19,8	31,8	7,5	1088	75	0,76	55	330
IH262025121/0	INP251T	25,8	36	4	580	40	0,64	70	375
IH262025221/0	INP252T	25,8	37,4	6	870	60	0,96	70	385
IH262032121/0	INP321T	33	45,7	3,5	507	35	1	80	405
IH262032221/0	INP322T	33	47,7	5	725	50	1,52	80	415
IH262038121/0	INP401T	40	54	3	435	30	1,2	100	480
IH262038221/0	INP402T	40	56	4	580	40	1,77	100	490
IH262050121/0	INP501T	51,6	67,5	2,5	362	25	1,54	130	550
IH262050221/0	INP502T	51,6	69,5	3,2	464	32	2,3	130	570
IH262065121/0	INP651T	66	87,9	2	290	20	2,55	175	675
IH262065221/0	INP652T	66	90,4	2,5	362	25	3,8	175	685
IH262080121/0	INP801T	76,6	100	1,8	261	18	2,9	200	750
IH262080221/0	INP802T	76,6	102,5	2,2	319	22	4,35	200	770
IH262100121/0	INP1001T	103	128	1,4	203	14	4,2	250	920
IH262100221/0	INP1002T	103	130	2	290	20	6,3	250	960
IH262125121/0	INP1251T	127,5	154,5	1,3	181	12,5	5,8	325	1160
IH262125221/0	INP1252T	127,5	157,5	1,8	61	18	8,4	325	1200
IH262150121/0	INP1501T	151,5	180	1	145	10	6,8	375	1320
IH262150221/0	INP1502T	151,5	183	1,5	217	15	9,6	375	1400
IH262200121/0	INP2001T	200	232	0,6	87	6	11	260	1400
IH262200221/0	INP2002T	200	237	0,9	130	9	15	260	1600
IH262250121/0	INP2501T	250	287	0,4	51	3,5	13,5	340	1650
IH262250221/0	INP2502T	250	292	0,5	72	5	17,8	340	1750
IH262300121/0	INP3001T	300	340	0,2	29	2	17,6	420	2000
on request	INP3002T	300	345	0,3	43	3	22,6	420	2300

* Standard lengths: From 12 metres up to 20 metres depending on diameters. Different lengths on request.

IHQ

Hose Construction

Corrugated parallel flexible metal hose made from stainless steel sheet type 316L covered with one or two stainless steel braids type 304



Applications

For high quality and flexibility in medium pressure applications in iron and steel industries, glass manufacture, paper, nuclear, pneumatic industries, petrochemical and chemical, (aggressive fluids, steam, gas, fuel...)

Temperature Range

-200 °C (-348 °F) to +550 °C (+1022 °F)

Hose reference available:






IHQ01T (corrugated stainless steel 316L covered with one stainless steel braid)

IHQ02T (corrugated stainless steel 316L covered with two stainless steel braids)

Note Available assembled with fittings or flanges

Warning

Mechanical features of metal change in function of temperature. Pressure ratings shown in the listed charts (INP, IHQ and IHH) are applicable at room temperature. For further technical information, please contact the Technical Assistance.

IHXXXXXXXXXX Part Number / Standard Length* m	Description	 I.D. mm	 O.D. mm	 Working Pressure			 Weight kg/m	 Radius mm dyn. stat.	
				MPa	psi	bar			
IH262010106/0	IHQ101T	10,2	17,7	7,5	1088	75	0,27	30	150
on request	IHQ102T	10,2	19,2	10,5	1523	105	0,425	30	160
IH262013106/0	IHQ131T	12	19,7	7	1015	70	0,33	30	195
on request	IHQ132T	12	21,2	10	1450	100	0,51	30	210
IH262016106/0	IHQ161T	15,5	25,5	6,5	943	65	0,41	35	255
on request	IHQ162T	15,5	27	9	1305	90	0,62	35	270
IH262020106/0	IHQ201T	19,3	30,5	5	725	50	0,57	40	290
on request	IHQ202T	19,3	32	7,5	1088	75	0,825	40	305
IH262025106/0	IHQ251T	25,4	36,1	4	580	40	0,7	50	320
on request	IHQ252T	25,4	37,4	6	870	60	1,025	50	330
IH262032106/0	IHQ321T	32,7	46	3,5	507	35	1,1	65	330
on request	IHQ322T	32,7	48	5	725	50	1,6	65	340
IH262038106/0	IHQ401T	38,9	54,5	3	435	30	1,3	80	400
on request	IHQ402T	38,9	56,5	4	580	40	1,9	80	410
IH262050106/0	IHQ501T	51,6	68	2,5	362	25	1,7	100	450
on request	IHQ502T	51,6	70	3,2	464	32	2,5	100	460
IH262065106/0	IHQ651T	65,5	88,5	2	290	20	3	140	540
on request	IHQ652T	65,5	91	2,5	362	25	4,2	140	550
IH262080106/0	IHQ801T	76	100,7	1,8	261	18	3,4	160	640
on request	IHQ802T	76	103,2	2,2	319	22	4,9	160	650
IH262100106/0	IHQ1001T	102,5	128	1,4	203	14	4,5	200	840
on request	IHQ1002T	102,5	130,5	2	290	20	6,6	200	860

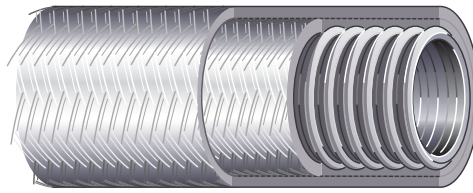
* Standard lengths: From 12 metres up to 20 metres depending on diameters. Different lengths on request.



IHH

Hose Construction

Corrugated spiral parallel flexible metal hose made from stainless steel sheet type 316L covered with two stainless steel braids type 304



Applications

For high pressure applications in iron, steel industries and cryogenic

Temperature Range

-200 °C (-348 °F) to +550 °C (+1022 °F)



Hose reference available:

IHQØ2T (corrugated stainless steel 316L covered with two stainless steel braids)

Note Available assembled with fittings or flanges

Warning

Mechanical features of metal change in function of temperature. Pressure ratings shown in the listed charts (INP, IHQ and IHH) are applicable at room temperature. For further technical information, please contact the Technical Assistance.

IHXXXXXXXXXX Part Number / Standard Length* m	Description	 I.D. mm	 O.D. mm	Working Pressure			Weight kg/m	Radius mm	
				MPa	psi	bar		dyn.	stat.
IH262006316/0	IHH62T6	6	15,9	30,5	4424	305	0,42	25	100
IH262010316/0	IHH102T6	10	20,7	26	3771	260	0,67	40	150

* Standard length: From 12 metres up to 20 metres depending on diameters. Different lengths on request.

Couplings for Stainless Steel Hoses



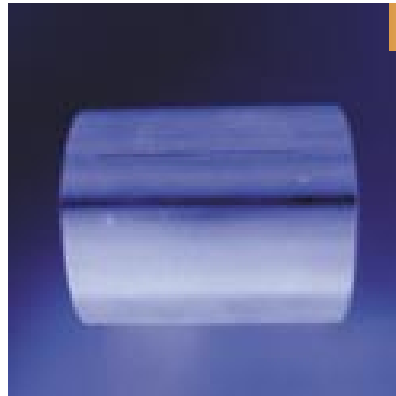
Male BSP
BSPT - NPT



Female swivel BSP - JIC



Swivel or Fixed
Flange



Standpipe

Symmetric fittings



Clamp fittings



Kamlock fittings



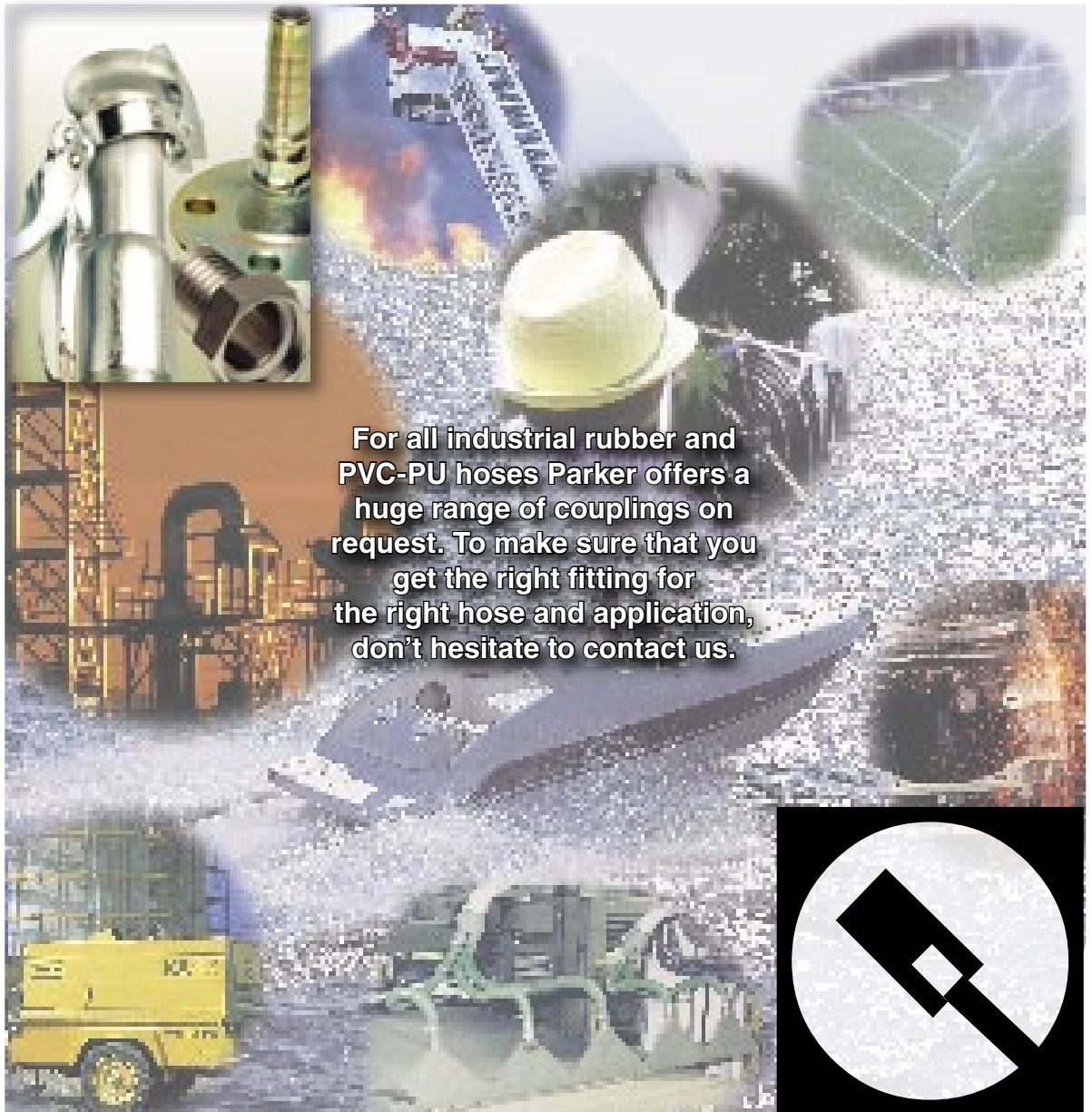
SMS fittings



All the couplings
can be supplied
in steel or
stainless steel.



Couplings



For all industrial rubber and PVC-PU hoses Parker offers a huge range of couplings on request. To make sure that you get the right fitting for the right hose and application, don't hesitate to contact us.



Flanges



Food and beverage couplings



„Perrot“ standard couplings



Cam and groove couplings



Steam couplings



Tank vehicle adaptors



Safety clamps



Nipples



Claw couplings



Clamps



Parker Hannifin Corporation

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To be a leading worldwide manufacturer of components and systems for the builders and users of durable goods. More specifically, we will design, market and manufacture products controlling motion, flow and pressure. We will achieve profitable growth through premier customer service.

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designs, manufactures and markets rigid and flexible connectors, and associated products used in pneumatic and fluid systems.



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designs, produces and markets a full spectrum of hydraulic components and systems to builders and users of industrial and mobile machinery and equipment.



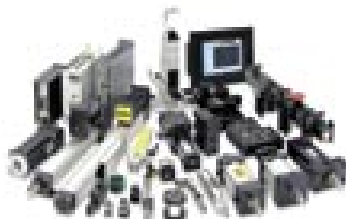
The Filtration Group

designs, manufactures and markets quality filtration and clarification products, providing customers with the best value, quality, technical support, and global availability.



The Automation Group

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