

aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



Oil and Fuel Hoses



ENGINEERING YOUR SUCCESS.



▶ **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, CARBURITE 16 TÜV**

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

▶ **Low Temperature**



**CARBURITE F 10
CARBOCORD F 10**

Suitable for heavy-duty applications at low temperature (-40 °C /-40 °F).



▶ **Petrol Pump**



**CARBOPRESS D EN 1360/1 N/L
CARBOPRESS D EN 1360/3
CARBOPRESS D ARTIC**

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 TÜV**

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



**CARBURITE BS 3492-D
CHEMIOEL EN 12115, CHEMIOEL 10 EN 12115 OND**

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, CARBUREX/ANC

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 delivery (type D) of liquefied petroleum gas applications.



ROBUR GPL

For liquefied petroleum gas applications.

▶ **Aircraft Ground Refuelling**



**JETCORD EN 1361 B - C - E - F
JETCORD XT/C**

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





B – Oil and Fuel Hose

General Purpose

CARBOPRESS N/L 10 - 20	▶	B4
CARBOCORD 10 - 15	▶	B5
CARBURITE 10	▶	B6
CARBURITE 16	▶	B7
CARBURITE 16 TÜV	▶	B8

Low Temperature Applications

CARBURITE F 10	▶	B9
CARBOCORD F 10	▶	B10

Petrol Pump

CARBOPRESS D EN 1360/1 N/L	▶	B11
CARBOPRESS D EN 1360/3	▶	B12
CARBOPRESS D ARTIC N/L	▶	B13

Tank Truck

CARBOCORD EN 12115	▶	B14
CARBOCORD 18 TÜV	▶	B15
CARBURITE BS 3492-D	▶	B16
CHEMIOEL EN 12115	▶	B17
CHEMIOEL 10 EN 12115 OND	▶	B18
RAGUSA 4	▶	B19
CARBUREX	▶	B20
CARBUREX/ANC	▶	B21

LPG

GASTRUCK EN 1762 D-M	▶	B22
ROBUR GPL	▶	B23

Aircraft Ground Refuelling

JETCORD B EN 1361	▶	B24
JETCORD C EN 1361	▶	B25
JETCORD E EN 1361	▶	B26
JETCORD F EN 1361	▶	B27
JETCORD XT/C	▶	B28

**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.

Temperature Range

-25 °C (-13 °F) to +80 °C (+176 °F)
up to +100 °C (+212 °F) for oil

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 %

IHXXXXXXXX/XX 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

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 MΩ/m), oil, fuel, abrasion, ageing and weather resistant



Applications

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

Temperature Range







-30 °C (-22 °F) to +80 °C (+176 °F)
up to +100 °C (+212 °F) for oil

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 %

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

-30°C (-22 °F) to +80 °C (+176 °F)
up to +100 °C (+212 °F) for oil

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: /E in the textile fabrics.

On request also the HT version for high temperature.

IHXXXXXXXX/XX 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

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, NBR/SBR rubber compound, antistatic ($R < 1 \text{ M}\Omega/\text{m}$) oil, fuel, abrasion, ageing and weather resistant



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 %

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		
IH36532650/40	25	37	1,6	232,0	16	4,8	696,0	48	0,91	150
IH36532651/40	32	44	1,6	232,0	16	4,8	696,0	48	1,14	190
IH36532652/40	38	51	1,6	232,0	16	4,8	696,0	48	1,44	230
IH36532653/40	40	54	1,6	232,0	16	4,8	696,0	48	1,57	240
IH36532654/40	50	64	1,6	232,0	16	4,8	696,0	48	1,92	300
IH36532655/40	75	90	1,6	232,0	16	4,8	696,0	48	3,03	450
IH36532656/40	100	116	1,6	232,0	16	4,8	696,0	48	4,45	600
IH36532657/40	125	142	1,6	232,0	16	4,8	696,0	48	5,63	750
IH36532658/15	150	172	1,6	232,0	16	4,8	696,0	48	7,80	900
IH36532659/12	203	235	1,6	232,0	16	4,8	696,0	48	18,45	1400

RUBBER OIL HOSE CARBURITE 16 bar MADE IN ITALY Parker ITR



CARBURITE 16 TÜV

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

-30 °C (-22 °F) to +80 °C (+176 °F)
up to +100 °C (+212 °F) for oil

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 %.
TÜV approval for the electrical resistance, excluded IH36532617/12 (diameter 203 x 235).

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		
IH36532601/40	25	37	1,6	232,0	16	4,8	696,0	48	0,91	150
IH36532602/40	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

CARBURITE F 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:

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







Length tolerance: ± 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

-40 °C (-40 °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



CARBOCORD F 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 built-in copper wires to provide electrical continuity between both ends
- 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: $\pm 1 \%$

Note

On request 40 m lengths for sizes up to I.D. 100 mm

Applications

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

Temperature Range

-40 °C (-40 °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		
IH36522032/40	25	35	1,0	150,0	10	4,0	600,0	40	0,89	150
IH36522034/40	32	45	1,0	150,0	10	4,0	600,0	40	1,31	230
IH36522033/40	38	51	1,0	150,0	10	4,0	600,0	40	2,07	300
IH36522036/40	45	59	1,0	150,0	10	4,0	600,0	40	2,71	380
IH36522037/40	50	64	1,0	150,0	10	4,0	600,0	40	3,26	450
IH36522038/40	63,5	79	1,0	150,0	10	4,0	600,0	40	4,76	600
IH36522039/20	65	81	1,0	150,0	10	4,0	600,0	40	2,39	585
IH36522041/20	75	91	1,0	150,0	10	4,0	600,0	40	2,71	675
IH36522042/20	80	95	1,0	150,0	10	4,0	600,0	40	2,77	720
IH36522043/20	100	116	1,0	150,0	10	4,0	600,0	40	3,52	900

CARBOPRESS® D EN 1360/1 N/L

Manufactured according to
EN 1360:2005 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)

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		
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
IH36521140/40*	25	37	1,6	232,0	16	4,8	696,0	48	0,74	150

* Carbocord D EN 1360/1
Mandrel Made production

CARBOPRESS D EN 1360:2005 Type 1 - I.D.mm - 16 bar - M - MADE IN ITALY Parker ITR
Quarter/Year with traceability code

CARBOCORD D EN 1360:2005 Type 1 M - I.D. mm - 16 bar - Quarter/Year - MADE IN ITALY Parker ITR

**CARBOPRESS® D EN 1360/3**

Manufactured according to
EN 1360:2005 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

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 %.

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.

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		
IH30512902/0	16	26	1,6	232,0	16	4,8	696,0	48	0,55	80
IH30512906/0	19	32	1,6	232,0	16	4,8	696,0	48	0,80	100
IH30512909/0	25	38	1,6	232,0	16	4,8	696,0	48	0,98	130

CARBOPRESS D EN 1360:2005 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

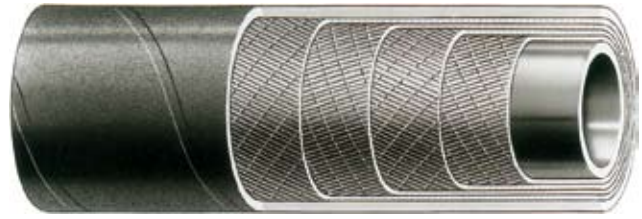
-40 °C (-40 °F) to +55 °C (+131 °F)

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		
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



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.

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)
up to +100 °C (+212 °F) for oil

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

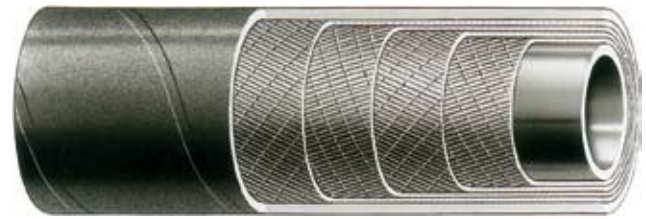
Length tolerance: ± 1 %

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		
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	1,2	180,0	12	4,8	696,0	48	3,80	450

CARBOCORD 18 TÜV

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 MΩ/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. TÜV approval for the electrical resistance.

Temperature Range

-30 °C (-22 °F) to +80 °C (+176 °F)
up to +100 °C (+212 °F) for oil

IHXXXXXXXX/XX 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 TÜV R<1M MADE IN ITALY Parker ITR

CARBURITE BS 3492-D

Hose 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

-30 °C (-22 °F) to +80 °C (+176 °F)
up to +100 °C (+212 °F) for oil

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.

IHXXXXXXXX/XX 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

CHEMIOEL EN 12115

Manufactured according to EN 12115 meets TRbF 131 part 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)
up to +100 °C (+212 °F) for oil

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	1,2	180,0	12	4,8	696,0	48	4,70	450

CHEMIOEL 10 EN 12115 OND

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 a copper wire to facilitate the electrical connection between the hose and the end couplings
- Cover:** Black, corrugated, NBR/SBR rubber compound, antistatic ($R < 1 \text{ M}\Omega/\text{m}$), oil, fuel, abrasion, ageing and weather resistant

Temperature Range

-25 °C (-13 °F) to +80 °C (+176 °F)
up to +100 °C (+212 °F) for oil

Suction

0,90 bar

Tolerances

According to EN 12115





On inside diameter:

I.D. 19 - 38 mm: $\pm 0,50 \text{ mm}$
I.D. 50 - 51 mm: $\pm 0,70 \text{ mm}$
I.D. 63,5 - 102 mm: $\pm 0,80$

Length tolerance: $\pm 1 \%$

Applications

Specially designed for suction and delivery of mineral oils and fuels with an aromatic content not exceeding 50 %, mud and hydrocarbons for trucks when a lightweight and flexible hose is required.

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		
IH36530250/40	19	—	1,0	150,0	10	4,0	580,0	40	0,77	60
IH36530251/40	25	—	1,0	150,0	10	4,0	580,0	40	0,95	75
IH36530252/40	32	—	1,0	150,0	10	4,0	580,0	40	1,15	100
IH36530253/40	38	—	1,0	150,0	10	4,0	580,0	40	1,50	120
IH36530254/40	50	—	1,0	150,0	10	4,0	580,0	40	2,22	150
IH36530255/40	63,5	—	1,0	150,0	10	4,0	580,0	40	2,72	190
IH36530256/20	75	—	1,0	150,0	10	4,0	580,0	40	3,22	225
IH36530257/20	100	—	1,0	150,0	10	4,0	580,0	40	5,04	300

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 MΩ/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)
up to +100 °C (+212 °F) for oil

Suction







Max. 0,8 bar (600 mm Hg)

Tolerances

RMA steel mandrel
On inside diameter: ± 1,59 mm
Length tolerance: ± 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.

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		
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

N° PROGRESS. MATRIC.

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

-20 °C (-4 °F) to +60 °C (+140 °F)

Standard lengths

Maximum lengths:

≤ I.D. 60 mm: 50 m
> I.D. 100 mm: 30 m

Suction

0,90 bar (660 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.







Burst Pressure

Three times working pressure.

Note

Available on request:

CARBUREX/ANC with an embedded copper braid giving the electrical continuity at both ends.

IHXXXXXXXX/XX 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	4,7	0,9	130,5	9	2,7	391,5	27	0,55	150
IH35540030/50	30	5,0	0,9	130,5	9	2,7	391,5	27	0,65	180
IH35541032/70	32	5,0	0,9	130,5	9	2,7	391,5	27	0,70	200
IH35540035/70	35	5,0	0,9	130,5	9	2,7	391,5	27	0,75	220
IH35541038/70	38	5,0	0,8	116,0	8	2,4	348,0	24	0,80	230
IH35540040/70	40	5,2	0,8	116,0	8	2,4	348,0	24	0,85	240
IH35540045/70	45	5,5	0,7	101,5	7	2,1	304,5	21	1,00	270
IH35540050/40	50	5,5	0,7	101,5	7	2,1	304,5	21	1,20	300
IH35540050/50	50	5,5	0,7	101,5	7	2,1	304,5	21	1,20	300
IH35540060/70	60	5,8	0,6	90,0	6	1,8	261,0	18	1,60	360
IH35540070/30	70	6,8	0,5	72,5	5	1,5	217,5	15	1,90	420
IH35540080/30	80	7,0	0,4	58,0	4	1,2	174,0	12	2,20	480
IH35541090/30	90	7,5	0,4	58,0	4	1,2	174,0	12	2,60	550
IH35540100/30	100	8,0	0,3	43,5	3	0,9	130,5	9	3,30	630

CARBUREX/ANC

Hose Construction

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

-20 °C (-4 °F) to +60 °C (+140 °F)

Suction

≤ I.D. 50 mm: 0,90 bar (660 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		
IH35550040/50	40	5,2	0,8	116,0	8	2,4	348,0	24	0,85	240
IH35550050/50	50	5,5	0,7	101,5	7	2,1	304,5	21	1,20	300
IH35550080/30	80	7,0	0,4	58,0	4	1,2	174,0	12	2,20	480
IH35550100/30	100	8,0	0,3	43,5	3	0,9	130,5	9	3,30	630

CARBUREX ANC I.D. mm Parker ITR

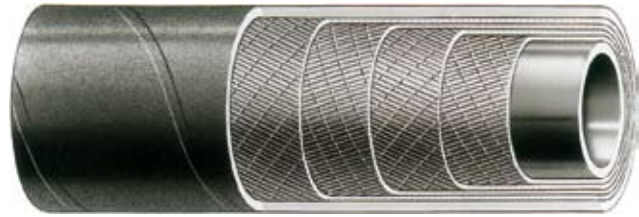


GASTRUCK EN 1762 D-M

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



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

Temperature Range

-30 °C (-22 °F) to +70 °C (+158 °F)

IHXXXXXXXX/XX 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	63,5	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



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



Packing

Cardboard boxes on wooden pallets.

Tolerances

Length tolerance: $\pm 1\%$

Applications

Liquid gas applications (methane, propane, LPG) in the loading and unloading of tankers and in the service stations.

Temperature Range

-30 °C (-22 °F) to +70 °C (+158 °F)

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		
IH36520560/0	6,5	1/4	16,6	2,5	362,5	25	138	20010,0	1380	0,43	60
IH36520561/0	8	5/16	17,7	2,5	362,5	25	118	17110,0	1180	0,45	70
IH36520562/0	9,5	3/8	20,2	2,5	362,5	25	110	15950,0	1100	0,56	80
IH36520563/0	13	1/2	23,2	2,5	362,5	25	96	13920,0	960	0,68	90
IH36520564/0	16	5/8	26,5	2,5	362,5	25	76	11020,0	760	0,80	95
IH36520565/0	19	3/4	30,5	2,5	362,5	25	62	8990,0	620	1,03	100
IH36520566/0	25	1	38,5	2,5	362,5	25	56	8120,0	560	1,41	150
IH36520567/0	32	1.1/4	45,6	2,5	362,5	25	44	6380,0	440	1,82	200
IH36520568/0	38	1.1/2	52	2,5	362,5	25	34	4930,0	340	2,00	280
IH36520569/0	51	2	66,5	2,5	362,5	25	32	4640,0	320	2,86	350

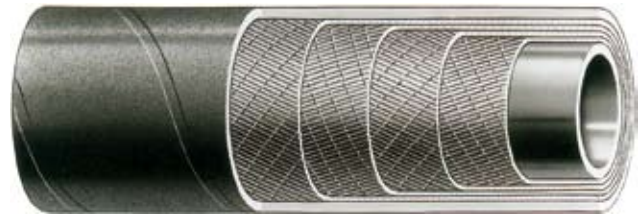


JETCORD B EN 1361

Hose according to EN 1361 Type B

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, with built-in copper wire to ensure the electrical continuity
- Cover:** Black, CR rubber compound, resistant to mineral oil, fuels, abrasion, ozone and weathering



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 the ground refuelling of aircraft.

Assembly

JETCORD can be supplied as hose assemblies.

Temperature Range

-40 °C (-40 °F) to +70 °C (+158 °F)

Certification

A test certificate for each hose can be supplied on request.

IHXXXXXXXX/XX 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

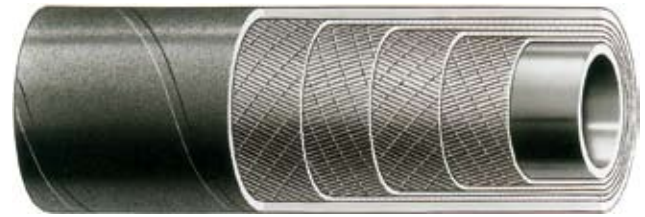


JETCORD C EN 1361

Hose according to EN 1361 Type C

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, antistatic ($R > 10^3 < 10^6 \Omega/m$), CR rubber compound, resistant to mineral oil, fuels, abrasion, ozone and weathering



Applications

Designed for the ground refuelling of aircraft non-electrically bonded, but incorporating an antistatic cover compound.

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 - 76 mm:	± 1,20 mm
> I.D. 76 mm:	± 1,60 mm
Length tolerance:	± 1 %

Assembly

JETCORD can be supplied as hose 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		
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

JETCORD E EN 1361

Hose according to EN 1361 Type E

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



Applications

Designed for use in all operations associated with the ground refuelling and fuel discharging of aircraft with enhanced defuelling capability, electrically conducting and incorporating a wire helix reinforcement.

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 hose 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	MPa	psi	bar	MPa	psi	bar	kg/m	min. Bend Radius mm
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



JETCORD F EN 1361

Hose according to EN 1361 Type F

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, antistatic ($R > 10^3 < 10^6 \Omega/m$), CR rubber compound, resistant to mineral oil, fuels, abrasion, ozone and weathering

Applications

Designed for use in all operations associated with the ground refuelling and fuel discharging of aircraft with enhanced defuelling capability, non-electrically conducting and incorporating a non-metallic helix reinforcement with an antistatic cover compound.

Temperature Range

-40 °C (-40 °F) to +70 °C (+158 °F)



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 %

Assembly

JETCORD can be supplied as hose 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		
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



JETCORD XT/C

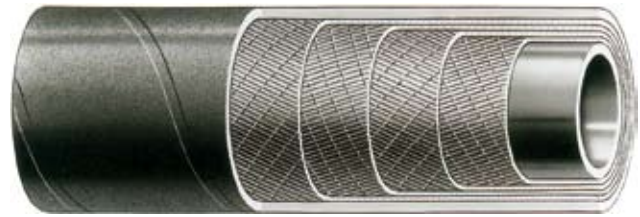
Hose according to
API 1529 Type C – Grade 2

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, antistatic ($R > 10^3 < 10^6 \Omega/m$), CR rubber compound, resistant to mineral oil, fuels, abrasion, ozone and weathering



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 %

Applications

Designed for use in all operations associated with the ground refuelling of aircraft non-electrically bonded, but incorporating an antistatic cover compound.

Assembly







JETCORD can be supplied as hose assemblies.

Certification

A test certificate for each hose can be supplied on request.

Temperature Range

-40 °C (-40 °F) to +70 °C (+158 °F)

IHXXXXXXXXXX Part Number/ Standard Length* m										
	I.D. mm	O.D. mm	MPa	psi	bar	MPa	psi	bar	kg/m	min. Bend Radius mm
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