



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



## Oil & Fuel



ENGINEERING YOUR SUCCESS.



# A – Oil & Fuel

Hose	ID Range (mm)	Temp. Range (°C)	Application
CARBOPRESS N/L 10	5 - 25	-25 / +80	fuel, oil, petrol aromatic < 50 %
CARBOPRESS N/L 20	6 - 25	-25 / +80	fuel, oil, petrol aromatic < 50 %
CARBURITE 10	19 - 150	-25 / +80	fuel, oil, petrol aromatic < 50 %
CARBOCORD EN 12115	19 - 100	-25 / +80	fuel, oil, petrol aromatic < 50 %
CHEMIOEL EN 12115	19 - 100	-25 / +80	fuel, oil, petrol aromatic < 50 %
CHEMIOEL EN 12115 OND	19 - 100	-25 / +80	fuel, oil, petrol aromatic < 50 %
CERVINO EN 12115	50 - 100	-40 / +80	fuel, oil, petrol aromatic < 50 %
CARBOPRESS D EN 1360/1	16 - 25	-25 / +55	petrol pumps
RAGUSA 4	38 - 100	-25 / +80	fuel, oil, petrol aromatic < 50 %
GASTRUCK EN 1762 D-M	13 - 50	-30 / +70	LPG/ CNG load tankers
ROBUR GPL	6.5 - 51	-30 / +70	LPG/ CNG load & unload tankers
JETCORD B ISO 1825	25 - 100	-40 / +70	aircraft refuelling
JETCORD C ISO 1825	25 - 100	-40 / +70	aircraft refuelling
JETCORD E ISO 1825	25 - 100	-40 / +70	aircraft refuelling
JETCORD F ISO 1825	25 - 100	-40 / +70	aircraft refuelling
JETCORD XT/C	25 - 100	-40 / +70	aircraft refuelling



	Tube	Reinforcement	Cover	WP (bar)	Safety factor	Suction	Industry standard	Page
	NBR	textile	NBR/EPDM	10	3			A4
	NBR	textile	NBR/EPDM	20	3			A4
	NBR	textile	NBR/SBR	10	3	yes		A5
	NBR	textile + copper wires	NBR/SBR	16	4		EN 12115	A6
	NBR	textile + copper wires	NBR/SBR	16	4	yes	EN 12115	A7
	NBR	textile + copper wires	NBR/SBR	10	4	yes	EN12115	A8
	NBR	textile + copper wires	NBR/SBR	16	4	yes	EN 12115	A9
	NBR	textile + copper wires	CR	16	4		EN 1360/1	A10
	NBR	textile + copper wires	NBR/SBR	16	4	yes		A11
	NBR	textile + copper wires	NBR/SBR	25	4		EN 1762	A12
	NBR	steel wire	SBR/CR	25	10			A13
	NBR	textile + copper wires	CR	20	4		EN ISO 1825 Type B	A14
	NBR	textile	CR	20	4		EN ISO 1825 Type C	A15
	NBR	textile	CR	20	4	yes	EN ISO 1825 Type E	A16
	NBR	textile	CR	20	4	yes	EN ISO 1825 Type F	A17
	NBR	textile	CR	20	4		API 1529 Type C - Grade 2	A18



## CARBOPRESS N/L 10 - 20

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

### Hose Construction

<b>Tube:</b>	Black, smooth, NBR rubber compound
<b>Reinforcement:</b>	Synthetic textile yarns
<b>Cover:</b>	Black, smooth, abrasion, oil, fuel, and weather-resistant, antistatic ( $R < 1 \text{ M}\Omega/\text{m}$ ) special NBR/EPDM rubber compound

### Temperature Range






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



- Dual pressure lines
- Also suitable for water and air in general service applications
- Burst Pressure Value 3:1

### Tolerances

According to UNI EN ISO 1307  
Refer to Technical Handbook on page TH34

Part Number	 I.D. (mm)	 O.D. (mm)	 Working Pressure			 Weight kg/m	 min. Bend Radius mm	in Stock
			MPa	psi	bar			
<b>CARBOPRESS N/L 10</b>								
IH30501001/100	5	12	1.0	150.0	10	0.12	40	Y
IH30511003/100	6	12	1.0	150.0	10	0.11	50	Y
IH30511002/100	6	13	1.0	150.0	10	0.14	50	Y
IH30501002/100	8	15	1.0	150.0	10	0.17	65	Y
IH30501003/100	10	17	1.0	150.0	10	0.20	80	Y
IH30501004/100	13	20	1.0	150.0	10	0.24	105	Y
IH30511004/100	16	23	1.0	150.0	10	0.29	130	Y
IH30501006/40	19	27	1.0	150.0	10	0.39	150	Y
IH30501007/50	25	35	1.0	150.0	10	0.63	200	Y
<b>CARBOPRESS N/L 20</b>								
IH30502001/100	6	14	2.0	300.0	20	0.17	50	Y
IH30502002/100	8	17	2.0	300.0	20	0.24	65	Y
IH30502003/100	10	19	2.0	300.0	20	0.27	80	Y
IH30512006/100	13	23	2.0	300.0	20	0.38	105	N
IH30512010/80	16	26	2.0	300.0	20	0.44	130	N
IH30512010/40	16	26	2.0	300.0	20	0.44	130	Y
IH30512007/80	19	30	2.0	300.0	20	0.57	150	N
IH30512007/40	19	30	2.0	300.0	20	0.57	150	N
IH30512009/50	25	36	2.0	90.0	20	0.71	200	N
IH30512009/40	25	36	2.0	90.0	20	0.71	200	N

RUBBER HOSE CARBOPRESS W.P. bar MADE IN ITALY 



# CARBURITE 10

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.

## 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



- Also suitable for water and air in general service applications
- Crimped solution with 48 series and Large Bore series
- Vacuum 0.8 bar (600 mm Hg)
- Burst Pressure Value 3:1

## Tolerances

According to RMA steel mandrel  
Refer to Technical Handbook on page TH34

## Temperature Range

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

Part Number	I.D. (mm)	O.D. (mm)	Working Pressure			Weight kg/m	min. Bend Radius mm	in Stock
			MPa	psi	bar			
IH36530099/40	19	29	1.0	150.0	30	0.61	120	Y
IH36531004/40	25	35	1.0	150.0	30	0.80	150	Y
IH36530201/40	30	40	1.0	150.0	30	0.92	180	Y
IH36531012/40	32	42	1.0	150.0	30	0.98	190	Y
IH36530202/40	35	45	1.0	150.0	30	1.05	210	Y
IH36531002/40	38	48	1.0	150.0	30	1.13	240	Y
IH36530203/40	40	50	1.0	150.0	30	1.18	240	Y
IH36530212/40	42	52	1.0	150.0	30	1.22	252	Y
IH36530204/40	45	55	1.0	150.0	30	1.31	270	Y
IH36530205/40	50	60	1.0	150.0	30	1.46	300	Y
IH36530206/40	60	71	1.0	150.0	30	1.89	360	Y
IH36531001/40	63.5	75	1.0	150.0	30	2.09	380	Y
IH36530207/20	70	82	1.0	150.0	30	2.47	420	Y
IH36530208/20	75	87	1.0	150.0	30	2.68	450	Y
IH36530209/20	80	92	1.0	150.0	30	2.84	480	Y
IH36531003/20	90	104	1.0	150.0	30	3.64	540	Y
IH36530211/20	100	114	1.0	150.0	30	4.02	600	Y
IH36531019/20	110	124	1.0	150.0	30	4.29	660	Y
IH36531050/10	150	170	1.0	150.0	30	7.27	900	N



# CARBOCORD EN 12115

According to EN 12115

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

## 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.



- Meets TRbF 131 Teil 2 par 5.5 (flame resistance)
- Optimal for tank truck application
- Electrical continuity guaranteed by copper wires if correctly assembled
- Burst Pressure Value 4:1






## Tolerances

According to EN 12115

Refer to Technical Handbook on page TH34

## Temperature Range

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

Part Number	 I.D. (mm)	 O.D. (mm)	 Working Pressure			 Weight kg/m	 min. Bend Radius mm	in Stock
			MPa	psi	bar			
IH36522309/40	19	31	1.6	232.0	16	0.60	125	N
IH36522310/40	25	37	1.6	232.0	16	0.89	150	Y
IH36522311/40	32	44	1.6	232.0	16	1.00	175	Y
IH36522312/40	38	51	1.6	232.0	16	1.30	225	Y
IH36522313/40	50	66	1.6	232.0	16	2.00	275	Y
IH36522314/40	63.5	79	1.6	232.0	16	2.40	300	Y
IH36522315/40	75	91	1.6	232.0	16	2.80	350	Y
IH36522316/40	100	116	1.2	180.0	12	3.80	450	Y



# CHEMIOEL EN 12115

According to EN 12115

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

## 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 ( $R < 1 \text{ M}\Omega/\text{m}$ ), oil, fuel, abrasion, ageing and weather resistant



- Meets TRbF 131 Teil 2 par 5.5 (flame resistance)
- Optimal for tank truck application
- Crimped solution with 48 series and Large Bore series
- Vacuum 0.9 bar for ID up to 63.5 mm then 0.8 bar
- Burst Pressure Value 4:1

## Tolerances

According to EN 12115

Refer to Technical Handbook on page TH34

## Temperature Range

-25 °C (-13 °F) to +80 °C (+176 °F)

up to +100 °C (+212 °F) for oil

Part Number	I.D. (mm)	O.D. (mm)	Working Pressure			Weight kg/m	min. Bend Radius mm	in Stock
			MPa	psi	bar			
IH36530229/40	19	31	1.6	232.0	16	0.70	125	Y
IH36530230/40	25	37	1.6	232.0	16	0.90	150	Y
IH36530231/40	32	44	1.6	232.0	16	1.20	175	Y
IH36530232/40	38	51	1.6	232.0	16	1.50	225	Y
IH36530233/40	50	66	1.6	232.0	16	2.30	275	Y
IH36530234/40	63.5	79	1.6	232.0	16	2.80	300	Y
IH36530235/40	75	91	1.6	232.0	16	3.30	350	Y
IH36530236/20	100	116	1.2	180.0	12	4.70	450	Y



# CHEMIOEL EN 12115 OND

According to EN 12115

*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.*

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



- Meets TRbF 131 Teil 2 par 5.5 (flame resistance)
- Very low bending radius
- Electrical continuity guaranteed by copper wires if correctly assembled
- Vacuum 0.9 bar
- Burst Pressure Value 4:1






## Temperature Range

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

## Tolerances

According to EN 12115

Refer to Technical Handbook on page TH34

Part Number				Working Pressure					in Stock
	I.D. (mm)	O.D. (mm)		MPa	psi	bar			
IH36530250/40	19	–	1.0	150.0	10	0.77	60	N	
IH36530251/40	25	–	1.0	150.0	10	0.95	75	N	
IH36530252/40	32	–	1.0	150.0	10	1.15	100	N	
IH36530253/40	38	–	1.0	150.0	10	1.50	120	N	
IH36530254/40	50	–	1.0	150.0	10	2.22	150	Y	
IH36530255/40	63.5	–	1.0	150.0	10	2.72	190	N	
IH36530256/20	75	–	1.0	150.0	10	3.22	225	N	
IH36530257/20	100	–	1.0	150.0	10	5.04	300	N	





# CERVINO EN 12115

According to EN 12115

*Suction and delivery of mineral oils and fuels, with an aromatic content not exceeding 50 %. The special compounds make the hose specially indicated for outdoor applications, when low temperature conditions are implicated.*

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



- Technology nitrogen tested for safe air applications
- Cold bend tested as per ISO 4672 without cracks
- Good result on cover abrasion test as per ISO 6945
- Crimped solution with 48 series and Large Bore series
- Vacuum 0.8 bar (600 mm Hg)
- Burst Pressure Value 4:1

## Temperature Range

-40 °C (-40 °F) to +80 °C (+176 °F)  
up to +100 °C (+212 °F) for oil

## Tolerances

According to EN 12115

Refer to Technical Handbook on page TH34

Part Number	I.D. (mm)	O.D. (mm)	Working Pressure			Weight kg/m	min. Bend Radius mm	in Stock
			MPa	psi	bar			
IH36530430/40	50	66	1.6	232.0	16	2.30	200	Y
IH36530431/40	63.5	79	1.6	232.0	16	2.80	250	Y
IH36530432/40	75	91	1.6	232.0	16	3.30	300	Y
IH36530433/40	100	116	1.6	232.0	16	4.70	400	Y



## RAGUSA 4

*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.*

### 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








- Very low bending radius
- Customized length
- Soft cuffed ends for clamps fixing
- Burst Pressure Value 4:1

### Temperature Range

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

### Tolerances

According to RMA steel mandrel  
Refer to Technical Handbook on page TH34

Part Number				Working Pressure					in Stock
	I.D. (mm)	O.D. (mm)		MPa	psi	bar			
IH36538099/0	38	–	0.4	58.0	4	1.10	150	N	
IH36538100/0	40	–	0.4	58.0	4	1.15	160	N	
IH36538101/0	50	–	0.4	58.0	4	1.39	200	N	
IH36538106/0	60	–	0.4	58.0	4	1.80	240	N	
IH36538105/0	63.5	–	0.4	58.0	4	1.89	250	N	
IH36538102/0	75	–	0.4	58.0	4	2.19	300	N	
IH36538103/0	80	–	0.4	58.0	4	2.32	320	N	
IH36538104/0	100	–	0.4	58.0	4	3.08	400	N	

N° PROGRESS. MATRIC.

RAGUSA MADE IN ITALY





# CARBOPRESS D EN 1360/1

According to EN 1360 type 1

*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 %.*

## 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

## Temperature Range

-25 °C (-13 °F) to +55 °C (+131 °F)



- Electrical continuity guaranteed by copper wires if correctly assembled
- Designed for petrol pumps
- Suitable for diesel and gasoline
- Burst Pressure Value 4:1

## 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 %

Part Number	Dimensions		Working Pressure	Weight	min. Bend Radius	in Stock		
	I.D. (mm)	O.D. (mm)					MPa	psi
IH30502420/90	16	26	1.6	232.0	16	0.47	80	Y
IH30502421/80	18	30	1.6	232.0	16	0.64	90	Y
IH30502407/50	19	31	1.6	232.0	16	0.63	95	Y
IH36521140/40*	25	37	1.6	232.0	16	0.74	150	Y

\* CARBOCORD D EN1360/1 Mandrel Made Production

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



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





# GASTRUCK EN 1762 D-M

According to EN 1762

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

## 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

## Temperature Range






-30 °C (-22 °F) to +70 °C (+158 °F)



- Electrical continuity guaranteed by copper wires if correctly assembled
- Low permeability
- Pin-pricked cover
- Burst Pressure Value 4:1

## 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 %

Part Number			 Working Pressure			 Weight	 min. Bend Radius	in Stock
	I.D. (mm)	O.D. (mm)	MPa	psi	bar	kg/m	mm	
IH30515071/40	13	23	2.5	362.5	25	0.40	80	N
IH30515072/40	16	26	2.5	362.5	25	0.47	100	N
IH36520580/40	19	31	2.5	362.5	25	0.61	160	Y
IH36520581/40	25	38	2.5	362.5	25	0.83	200	Y
IH36520582/40	32	45	2.5	362.5	25	1.00	250	Y
IH36520583/40	38	52	2.5	362.5	25	1.27	320	Y
IH36520584/40	50	66	2.5	362.5	25	1.84	400	Y



## ROBUR GPL

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

### 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



- Suitable for vacuum application
- Low permeability
- Pin-pricked cover
- Burst Pressure Value exceed 4:1

### Tolerances

Length tolerance  $\pm 1\%$

### Temperature Range

-30 °C (-22 °F) to +70 °C (+158 °F)

Part Number	Nominal Diameter		O.D. (mm)	Working Pressure			Weight kg/m	min. Bend Radius mm	in Stock
	(mm)	(inch)		MPa	psi	bar			
IH36520560/0	6.5	¼	16.6	2.5	362.5	25	0.43	60	N
IH36520561/0	8	5/16	17.7	2.5	362.5	25	0.45	70	N
IH36520562/0	9.5	3/8	20.2	2.5	362.5	25	0.56	80	N
IH36520563/0	13	½	23.2	2.5	362.5	25	0.68	90	Y
IH36520564/0	16	5/8	26.5	2.5	362.5	25	0.80	95	Y
IH36520565/0	19	¾	30.5	2.5	362.5	25	1.03	100	Y
IH36520566/0	25	1	38.5	2.5	362.5	25	1.41	150	Y
IH36520567/0	32	1 ¼	45.6	2.5	362.5	25	1.82	200	Y
IH36520568/0	38	1 ½	52	2.5	362.5	25	2.00	280	Y
IH36520569/0	51	2	66.5	2.5	362.5	25	2.86	350	Y



# JETCORD B ISO 1825

According to EN ISO 1825 type B

*Designed for the ground refuelling of aircraft.*

## 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

## Temperature Range

-40 °C (-40 °F) to +70 °C (+158 °F)








- Customized length and assembly with safety clamps
- Suggested brass fitting to prevent sparks
- Supplied with test report
- Burst Pressure Value 4:1

## Tolerances

According to EN ISO 1825

Refer to *Technical Handbook* on page TH34

Part Number	 I.D. (mm)	 O.D. (mm)	 Working Pressure			 Weight kg/m	 min. Bend Radius mm	in Stock
			MPa	psi	bar			
IH36522850/0	25	39	2.0	300.0	20	0.93	150	N
IH36522851/0	32	46	2.0	300.0	20	1.12	187	N
IH36522852/0	38	52	2.0	300.0	20	1.31	225	N
IH36522853/0	50	67	2.0	300.0	20	2.04	275	N
IH36522854/0	63.5	80	2.0	300.0	20	2.5	300	N
IH36522856/0	75	92	2.0	300.0	20	2.9	300	N
IH36522855/0	100	122	2.0	300.0	20	5.02	450	N



# JETCORD C ISO 1825

According to EN ISO 1825 type C

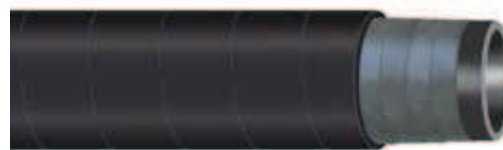
*Designed for the ground refuelling of aircraft non-electrically bonded, but incorporating an antistatic cover compound.*

## 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

## Temperature Range

-40 °C (-40 °F) to +70 °C (+158 °F)



- Customized length and assembly with safety clamps
- Suggested brass fitting to prevent sparks
- Supplied with test report
- Burst Pressure Value 4:1

## Tolerances

According to EN ISO 1825

Refer to Technical Handbook on page TH34

Part Number	I.D. (mm)	O.D. (mm)	Working Pressure			Weight kg/m	min. Bend Radius mm	in Stock
			MPa	psi	bar			
IH36522897/0	25	39	2.0	300.0	20	0.90	150	N
IH36522898/0	32	46	2.0	300.0	20	1.10	187	N
IH36522899/0	38	52	2.0	300.0	20	1.28	225	N
IH36522900/0	50	67	2.0	300.0	20	2.01	275	N
IH36522901/0	63.5	80	2.0	300.0	20	2.47	300	N
IH36522902/0	75	92	2.0	300.0	20	2.87	300	N
IH36522903/0	100	122	2.0	300.0	20	5.00	450	N



# JETCORD E ISO 1825

According to EN ISO 1825 type E

*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.*

## 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



- Customized length and assembly with safety clamps
- Suggested brass fitting to prevent sparks
- Supplied with test report
- Burst Pressure Value 4:1
- Vacuum 0.85 bar






## Tolerances

According to EN ISO 1825

Refer to *Technical Handbook* on page TH34

## Temperature Range

-40 °C (-40 °F) to +70 °C (+158 °F)

Part Number	 I.D. (mm)	 O.D. (mm)	 Working Pressure			 Weight kg/m	 min. Bend Radius mm	in Stock
			MPa	psi	bar			
IH36522940/0	25	40	2.0	300.0	20	1.15	150	N
IH36522941/0	32	46	2.0	300.0	20	1.31	187	N
IH36522942/0	38	54	2.0	300.0	20	1.76	225	N
IH36522943/0	50	67	2.0	300.0	20	2.36	275	N
IH36522945/0	63.5	82	2.0	300.0	20	3.29	300	N
IH36522944/0	75	94	2.0	300.0	20	3.83	300	N
IH36522946/0	100	122	2.0	300.0	20	5.96	450	N





# JETCORD F ISO 1825

According to EN ISO 1825 type F

*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.*

## 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



- Customized length and assembly with safety clamps
- Suggested brass fitting to prevent sparks
- Supplied with test report
- Burst Pressure Value 4:1
- Vacuum 0.65 bar

## Tolerances

According to EN ISO 1825

Refer to Technical Handbook on page TH34

## Temperature Range

-40 °C (-40 °F) to +70 °C (+158 °F)

Part Number	I.D. (mm)	O.D. (mm)	Working Pressure			Weight kg/m	min. Bend Radius mm	in Stock
			MPa	psi	bar			
IH36522926/0	25	41	2.0	300.0	20	1.26	150	N
IH36522927/0	32	52	2.0	300.0	20	1.67	187	N
IH36522928/0	38	58	2.0	300.0	20	1.90	225	N
IH36522929/0	50	70	2.0	300.0	20	2.45	275	N
IH36522930/0	63.5	83.5	2.0	300.0	20	3.03	300	N
IH36522931/0	75	98	2.0	300.0	20	3.98	300	N
IH36522932/0	100	127	2.0	300.0	20	6.07	450	N



# JETCORD XT/C

According to API 1529

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

## 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



- Customized length and assembly with safety clamps
- Suggested brass fitting to prevent sparks
- Supplied with test report
- Burst Pressure Value 4:1






## Tolerances

According to API 1529

Refer to Technical Handbook on page TH34

## Temperature Range

-40 °C (-40 °F) to +70 °C (+158 °F)

Part Number	 I.D. (mm)	 O.D. (mm)	 Working Pressure			 Weight kg/m	 min. Bend Radius mm	in Stock
			MPa	psi	bar			
IH36522802/0	25	38.5	2.0	300.0	20	0.90	125	N
IH36522801/0	32	45.5	2.0	300.0	20	1.09	160	N
IH36522803/0	38	51.5	2.0	300.0	20	1.28	190	N
IH36522434/0	50	67	2.0	300.0	20	2.02	250	N
IH36522435/0	63.5	80	2.0	300.0	20	2.48	310	N
IH36522804/0	75	92	2.0	300.0	20	2.88	375	N
IH36522800/0	100	122	2.0	300.0	20	5.01	500	N