



Customized solutions
for each sector



Product Catalogue 2026

Precision engineered, extruded through the weave hose built for demanding environments



Kuriyama Europe is a leading manufacturer and distributor of rubber and thermoplastic hose systems, couplings, and firefighting equipment for industrial, commercial, and emergency applications across Europe, the Middle East, and Africa.

As part of the globally recognized **Kuriyama Group**, we offer a comprehensive range of fluid transfer solutions, produced primarily within our own group companies located worldwide. Our manufacturing arm, TIPSA (Técnicas e Ingeniería de Protección S.A.), plays a key role in delivering high-performance products tailored to the demands of international markets.

Our extensive product portfolio includes **Lay Flat hoses, mandrel-built rubber hoses, thermoplastic hoses, firefighting hoses and couplings, and fire nozzles**. We proudly distribute industry recognized brands such as **Oroflex, Ryltec, Rylflex, Rylaspir, Piranha, Accuflex, Tigerflex, Kuri Tec, Armtex, Blindex, and Viper**.

At TIPSA, we are committed to safety, quality, innovation, and customer satisfaction. Our mission is to continuously add value to the **Kuriyama Group** by delivering reliable, innovative, and competitive solutions tailored to our customers' fluid handling needs.

Solutions



Flat hoses



Nozzles



Rylbrun



Technical hose



Mandrel



Couplings



Air ducting hose



Suction hose



Backpacks



Sewer cleaning solutions



Accessories
Others

Industry



Firefighting



Agriculture



Food



Manufacturing



Construction



Oil & Gas



Mining



Waters
Underground

Manufactured by



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Lay Flat Hose

Lay Flat
Hose

OROFLEX 10 - Extruded synthetic rubber flat hose with inner textile layer made 100% of high tenacity fibers.



- Hose for water transfers, drainage, irrigation systems, pumping of wastewater, slurry and fertilizers, irrigation cannon temporary installations (bypass),...
- Standard length: Available in 60m sections. Check availability of other lengths up to 200m.
- Service Temperature Range: -30°C to +80°C /Colour: Black

Part Number	Ø (mm)	Thickness (mm)	WP (bar)	Weight (kg/m)	Part Number	Ø (mm)	Thickness (mm)	WP (bar)	Weight (kg/m)
F550872A	30	1.9	28	0.26	F550963A	80	23	12	0.70
F550883A	38	1.9	14	0.30	F553010A	90	23	16	0.83
F550894A	45	1.9	14	0.35	F550985A	102	23	12	0.93
F550908A	52	1.9	14	0.40	F552299A	105	2.2	12	0.97
F550920A	60	2.2	14	0.50	F550996A*	110	2.5	12	1.10
F551037A	65	2.2	14	0.57	F551026A	127	2.7	12	1.45
F550941A	70	23	14	0.58	F551048A	152	2.7	12	1.60
F550952A	75	23	12	0.68	F552308A	155	3.0	12	1.90
F552288A	78	23	12	0.70	F552357A	203	3.4	10	2.75

* Size available upon request (minimum order).



Oroflex 10

OROFLEX 10 assembled hose with crimped fitting

OROFLEX 10 fitted hose with CAMLOCK aluminum couplings TYPE C and TYPE E

Coupling Size (mm)	Hose Ø (mm)	Section (m)	Part Number	WP (bar)	Description		
1"	30	20	-	10	OROFLEX 10 Ø30 T20 CAMLOCK 1"		
		30	-	10	OROFLEX 10 Ø30 T30 CAMLOCK 1"		
		40	-	10	OROFLEX 10 Ø30 T40 CAMLOCK 1"		
		60	-	10	OROFLEX 10 Ø30 T60 CAMLOCK 1"		
1½"	38	20	R0103803.00200	10	OROFLEX 10 Ø38 T20 CAMLOCK 1½"		
		30	-	10	OROFLEX 10 Ø38 T30 CAMLOCK 1½"		
		40	-	10	OROFLEX 10 Ø38 T40 CAMLOCK 1½"		
		60	-	10	OROFLEX 10 Ø38 T60 CAMLOCK 1½"		
		2"	52	20	R0105201.00200	10	OROFLEX 10 Ø52 T20 CAMLOCK 2"
				30	-	10	OROFLEX 10 Ø52 T30 CAMLOCK 2"
40	-			10	OROFLEX 10 Ø52 T40 CAMLOCK 2"		
60	-			10	OROFLEX 10 Ø52 T60 CAMLOCK 2"		
3"	78	20	R0207801.00200	10	OROFLEX 10 Ø78 T20 CAMLOCK 3"		
		30	-	10	OROFLEX 10 Ø78 T30 CAMLOCK 3"		
		40	-	10	OROFLEX 10 Ø78 T40 CAMLOCK 3"		
		60	-	10	OROFLEX 10 Ø78 T60 CAMLOCK 3"		
		4"	102	20	R0110203.00200	8	OROFLEX 10 Ø105 T20 CAMLOCK 4"
				30	-	8	OROFLEX 10 Ø105 T30 CAMLOCK 4"
40	-			8	OROFLEX 10 Ø105 T40 CAMLOCK 4"		
60	-			8	OROFLEX 10 Ø105 T60 CAMLOCK 4"		
6"	155	20	-	8	OROFLEX 10 Ø155 T20 CAMLOCK 6"		
		30	-	8	OROFLEX 10 Ø155 T30 CAMLOCK 6"		
		40	-	8	OROFLEX 10 Ø155 T40 CAMLOCK 6"		
		60	-	8	OROFLEX 10 Ø155 T60 CAMLOCK 6"		
		8"	203	20	R0120302.00200	8	OROFLEX 10 Ø203 T20 CAMLOCK 8"
				30	-	8	OROFLEX 10 Ø203 T30 CAMLOCK 8"
40	-			8	OROFLEX 10 Ø203 T40 CAMLOCK 8"		
60	-			8	OROFLEX 10 Ø203 T60 CAMLOCK 8"		



Oroflex 10 with
Camlock Couplings

All **Oroflex 10** hose sections with aluminum Camlock couplings come by default with a with steel crimped fitting Zinc plated. Available upon request: hose fittings in stainless steel and different lengths with minimum order quantities.



Lay Flat Hose

Oroflex 10 with
Guillemin couplings



OROFLEX 10 fitted hose with GUILLEMIN aluminum couplings					
Coupling Size (mm)	Hose Ø (mm)	Section (m)	Part Number	WP (bar)	Description
1"	30	20	-	16	OROFLEX 10 Ø30 T20 GUILLEMIN DN25
		30	-	16	OROFLEX 10 Ø30 T30 GUILLEMIN DN25
		40	-	16	OROFLEX 10 Ø30 T40 GUILLEMIN DN25
		60	-	16	OROFLEX 10 Ø30 T60 GUILLEMIN DN25
1½"	38	20	-	16	OROFLEX 10 Ø38 T20 GUILLEMIN DN32
		30	-	16	OROFLEX 10 Ø38 T30 GUILLEMIN DN32
		40	-	16	OROFLEX 10 Ø38 T40 GUILLEMIN DN32
2"	52	20	-	16	OROFLEX 10 Ø52 T20 GUILLEMIN DN50
		30	-	16	OROFLEX 10 Ø52 T30 GUILLEMIN DN50
		40	-	16	OROFLEX 10 Ø52 T40 GUILLEMIN DN50
		60	-	16	OROFLEX 10 Ø52 T60 GUILLEMIN DN50
3"	78	20	-	16	OROFLEX 10 Ø78 T20 GUILLEMIN DN80
		30	-	16	OROFLEX 10 Ø78 T30 GUILLEMIN DN80
		40	-	16	OROFLEX 10 Ø78 T40 GUILLEMIN DN80
4"	105	20	-	16	OROFLEX 10 Ø105 T20 GUILLEMIN DN100
		30	-	16	OROFLEX 10 Ø105 T30 GUILLEMIN DN100
		40	-	16	OROFLEX 10 Ø105 T40 GUILLEMIN DN100
		60	-	16	OROFLEX 10 Ø105 T60 GUILLEMIN DN100
6"	155	20	-	10	OROFLEX 10 Ø155 T20 GUILLEMIN DN150
		30	-	10	OROFLEX 10 Ø155 T30 GUILLEMIN DN150
		40	-	10	OROFLEX 10 Ø155 T40 GUILLEMIN DN150
		60	-	10	OROFLEX 10 Ø155 T60 GUILLEMIN DN150

All **Oroflex 10** hoses section with Guillemin aluminum couplings, come by default with crimped fitting in zinc-plated steel. Available upon request: hose assemblings in stainless steel and various lengths with minimum order quantities.

Oroflex 10 with
Storz couplings



OROFLEX 10 fitted hose with STORZ aluminum couplings					
Coupling Size (mm)	Hose Ø (mm)	Section (m)	Part Number	WP (bar)	Description
2"	52	20	-	14	OROFLEX 10 Ø52 T20 STORZ 52-C
		30	-	14	OROFLEX 10 Ø52 T30 STORZ 52-C
		40	-	14	OROFLEX 10 Ø52 T40 STORZ 52-C
		60	-	14	OROFLEX 10 Ø52 T60 STORZ 52-C
3"	78	20	-	12	OROFLEX 10 Ø78 T20 STORZ 75-B
		30	-	12	OROFLEX 10 Ø78 T30 STORZ 75-B
		40	-	12	OROFLEX 10 Ø78 T40 STORZ 75-B
		60	-	12	OROFLEX 10 Ø78 T60 STORZ 75-B
4"	105	20	R0110205.00200	12	OROFLEX 10 Ø105 T20 STORZ 110-A
		30	-	12	OROFLEX 10 Ø105 T30 STORZ 110-A
		40	-	12	OROFLEX 10 Ø105 T40 STORZ 110-A
		60	-	12	OROFLEX 10 Ø105 T60 STORZ 110-A
6"	155	20	-	12	OROFLEX 10 Ø155 T20 STORZ 150
		30	-	12	OROFLEX 10 Ø155 T30 STORZ 150
		40	-	12	OROFLEX 10 Ø155 T40 STORZ 150
		60	-	12	OROFLEX 10 Ø155 T60 STORZ 150

All **Oroflex 10** hoses sections with Storz aluminum couplings, they come by default with a pressed bushing made of zinc-plated steel. Possibility of different lengths with minimum orders.



OROFLEX 10 assembled hose with steel male–female swivel couplings

Coupling Size (mm)	Hose Ø (mm)	Section (m)	Part Number	WP (bar)	Description
2"	52	20	-	14	OROFLEX 10 Ø52 T20 ROTULA MH S-3
		30	-	14	OROFLEX 10 Ø52 T30 ROTULA MH S-3
		40	-	14	OROFLEX 10 Ø52 T40 ROTULA MH S-3
		60	-	14	OROFLEX 10 Ø52 T60 ROTULA MH S-3
3"	78	20	-	9	OROFLEX 10 Ø78 T20 ROTULA MH S-7
		30	-	9	OROFLEX 10 Ø78 T30 ROTULA MH S-7
		40	-	9	OROFLEX 10 Ø78 T40 ROTULA MH S-7
		60	-	9	OROFLEX 10 Ø78 T60 ROTULA MH S-7
4"	105	20	-	8	OROFLEX 10 Ø105 T20 ROTULA MH S-10
		30	-	8	OROFLEX 10 Ø105 T30 ROTULA MH S-10
		40	-	8	OROFLEX 10 Ø105 T40 ROTULA MH S-10
		60	-	8	OROFLEX 10 Ø105 T60 ROTULA MH S-10
6"	155	20	-	6	OROFLEX 10 Ø155 T20 ROTULA MH S-15
		30	-	6	OROFLEX 10 Ø155 T30 ROTULA MH S-15
		40	-	6	OROFLEX 10 Ø155 T40 ROTULA MH S-15
		60	-	6	OROFLEX 10 Ø155 T60 ROTULA MH S-15
8"	203	20	-	6	OROFLEX 10 Ø203 T20 ROTULA MH S-20
		30	-	6	OROFLEX 10 Ø203 T30 ROTULA MH S-20
		40	-	6	OROFLEX 10 Ø203 T40 ROTULA MH S-20
		60	-	6	OROFLEX 10 Ø203 T60 ROTULA MH S-20



Oroflex 10 Swivel Couplings

All **Oroflex 10** hoses sections with swivel couplings, come by default with zinc-plated steel crimped fitting
Available upon request: hose fittings in stainless steel and various lengths with minimum order quantities.

OROFLEX 10 assembled hose with with steel male-female BAUER couplings

Coupling Size (mm)	Hose Ø (mm)	Section (m)	Part Number	WP (bar)	Description
4"	105	20	-	12	OROFLEX 10 Ø105 T20 BAUER MH 100
		30	-	12	OROFLEX 10 Ø105 T30 BAUER MH 100
		40	-	12	OROFLEX 10 Ø105 T40 BAUER MH 100
		60	-	12	OROFLEX 10 Ø105 T60 BAUER MH 100
6"	155	20	-	12	OROFLEX 10 Ø155 T20 BAUER MH 150
		30	-	12	OROFLEX 10 Ø155 T30 BAUER MH 150
		40	-	12	OROFLEX 10 Ø155 T40 BAUER MH 150
8"	203	60	-	12	OROFLEX 10 Ø155 T60 BAUER MH 150
		20	-	10	OROFLEX 10 Ø203 T20 BAUER MH 200
		30	-	10	OROFLEX 10 Ø203 T30 BAUER MH 200
		40	-	10	OROFLEX 10 Ø203 T40 BAUER MH 200
		60	-	10	OROFLEX 10 Ø203 T60 BAUER MH 200



Oroflex 10 with Bauer couplings

All **Oroflex 10** hoses sections with steel Bauer couplings, come by default with zinc-plated steel crimped fitting.
Available on demand: hose fittings in stainless steel and various lengths with minimum order quantities.



Lay Flat Hose

Oroflex 10 with BSP male thread couplings



OROFLEX 10 assembled hose with steel BSP MALE THREAD COUPLINGS					
Coupling Size (mm)	Hose Ø (mm)	Section (m)	Part Number	WP (bar)	Description
1"	30	20	-	28	OROFLEX 10 Ø30 T20 EXTERNAL THREAD 1"
		30	-	28	OROFLEX 10 Ø30 T30 EXTERNAL THREAD 1"
		40	-	28	OROFLEX 10 Ø30 T40 EXTERNAL THREAD 1"
		60	-	28	OROFLEX 10 Ø30 T60 EXTERNAL THREAD 1"
1½"	38	20	-	14	OROFLEX 10 Ø38 T20 EXTERNAL THREAD 1½"
		30	-	14	OROFLEX 10 Ø38 T30 EXTERNAL THREAD 1½"
		40	-	14	OROFLEX 10 Ø38 T40 EXTERNAL THREAD 1½"
2"	52	20	-	14	OROFLEX 10 Ø52 T20 EXTERNAL THREAD 2"
		30	-	14	OROFLEX 10 Ø52 T30 EXTERNAL THREAD 2"
		40	-	14	OROFLEX 10 Ø52 T40 EXTERNAL THREAD 2"
3"	78	20	-	14	OROFLEX 10 Ø52 T60 EXTERNAL THREAD 2"
		20	-	12	OROFLEX 10 Ø78 T20 EXTERNAL THREAD 3"
		30	-	12	OROFLEX 10 Ø78 T30 EXTERNAL THREAD 3"
		40	-	12	OROFLEX 10 Ø78 T40 EXTERNAL THREAD 3"
4"	105	60	-	12	OROFLEX 10 Ø78 T60 EXTERNAL THREAD 3"
		20	-	12	OROFLEX 10 Ø105 T20 EXTERNAL THREAD 4"
		30	-	12	OROFLEX 10 Ø105 T30 EXTERNAL THREAD 4"
		40	-	12	OROFLEX 10 Ø105 T40 EXTERNAL THREAD 4"
6"	155	60	-	12	OROFLEX 10 Ø105 T60 EXTERNAL THREAD 4"
		20	-	10	OROFLEX 10 Ø155 T20 EXTERNAL THREAD 6"
		30	-	10	OROFLEX 10 Ø155 T30 EXTERNAL THREAD 6"
		40	-	10	OROFLEX 10 Ø155 T40 EXTERNAL THREAD 6"
		60	-	10	OROFLEX 10 Ø155 T60 EXTERNAL THREAD 6"

All Oroflex 10 hoses sections with BSP male thread couplings, come by default with zinc-plated steel crimped fitting Available upon request: hose fittings in stainless steel and various lengths with minimum order quantities.



OROFLEX 20 - Premium layflat hose with excellent abrasion resistance, manufactured from extruded synthetic rubber and reinforced with a 100% high-tenacity textile inner layer.

- Hose for air compressors in public/civil works and compressors of drilling machinery (up to 3" in diameter). Also ideal for water transfer in dredging operations in agriculture. Highly abrasion-resistant applications, drainage, slurry and manure transfer, irrigation, operations water and hydrocarbon bypass, high-pressure liquid pumping, bulk powder unloading (excluding cement) and flotation barriers.
- Standard length: Available in 60m lengths. Other lengths also available on request up to 200m.
- Service Temperature Range: -30°C to +80°C / Colour: Mustard yellow for diameters up to 5" and black for larger sizes. / Recommended safety factor 4:1 in compressed air and 3:1 in water transfer.

Part Number	Hose Ø (mm)	Thickness (mm)	WP Air/ Water (bar)	Weight (kg/m)	Part Number	Hose Ø (mm)	Thickness (mm)	WP Water (bar)	Weight (kg/m)
F550680A	20	2.0	25/33	0.20	F550209A*	115	3.1	17	1.49
F552110A	26	2.0	29/38	0.25	F551021A	127	3.2	17	1.70
F552302A	38	2.8	16/21	0.45	F550206A	129	3.2	17	1.70
F552663A	45	3.0	16/21	0.55	F559247A	152	4.0	20	2.50
F552120A	52	3.0	16/21	0.64	F552365A	154	4.0	20	2.50
F559287A*	65	3.0	13/21	0.70	F559250A*	178	4.0	16	2.80
F550760A	76	3.0	11/18	0.90	F552360A	203	4.1	14	3.30
F552278A	102	3.1	-/21	1.25	F551950A	256	3.9	14	3.95
F550208A	105	3.1	-/21	1.25	F552352A	305	4.8	11	4.80

* Available on minimum order quantity

Oroflex 20



OROFLEX 20 assembled hose with crimped fitting for fluids (not for air)

OROFLEX 20 assembled hose with CAMLOCK couplings in aluminum Type C and type E.

Coupling Size (mm)	Hose Ø (mm)	Section (m)	Part Number	WP (bar)	Description
1"	26	20	-	10	OROFLEX 20 Ø26 T20 CAMLOCK 1"
		30	-	10	OROFLEX 20 Ø26 T30 CAMLOCK 1"
		40	-	10	OROFLEX 20 Ø26 T40 CAMLOCK 1"
		60	-	10	OROFLEX 20 Ø26 T60 CAMLOCK 1"
1½"	38	20	-	10	OROFLEX 20 Ø38 T20 CAMLOCK 1½"
		30	-	10	OROFLEX 20 Ø38 T30 CAMLOCK 1½"
		40	-	10	OROFLEX 20 Ø38 T40 CAMLOCK 1½"
		60	-	10	OROFLEX 20 Ø38 T60 CAMLOCK 1½"
2"	52	20	-	10	OROFLEX 20 Ø52 T20 CAMLOCK 2"
		30	-	10	OROFLEX 20 Ø52 T30 CAMLOCK 2"
		40	-	10	OROFLEX 20 Ø52 T40 CAMLOCK 2"
		60	-	10	OROFLEX 20 Ø52 T60 CAMLOCK 2"
3"	76	20	-	10	OROFLEX 20 Ø76 T20 CAMLOCK 3"
		30	-	10	OROFLEX 20 Ø76 T30 CAMLOCK 3"
		40	-	10	OROFLEX 20 Ø76 T40 CAMLOCK 3"
		60	-	10	OROFLEX 20 Ø76 T60 CAMLOCK 3"
4"	105	20	-	8	OROFLEX 20 Ø105 T20 CAMLOCK 4"
		30	-	8	OROFLEX 20 Ø105 T30 CAMLOCK 4"
		40	-	8	OROFLEX 20 Ø105 T40 CAMLOCK 4"
		60	-	8	OROFLEX 20 Ø105 T60 CAMLOCK 4"
6"	152	20	-	8	OROFLEX 20 Ø154 T20 CAMLOCK 6"
		30	-	8	OROFLEX 20 Ø154 T30 CAMLOCK 6"
		40	-	8	OROFLEX 20 Ø154 T40 CAMLOCK 6"
		60	-	8	OROFLEX 20 Ø154 T60 CAMLOCK 6"
8"	203	20	-	8	OROFLEX 20 Ø203 T20 CAMLOCK 8"
		30	-	8	OROFLEX 20 Ø203 T30 CAMLOCK 8"
		40	-	8	OROFLEX 20 Ø203 T40 CAMLOCK 8"
		60	-	8	OROFLEX 20 Ø203 T60 CAMLOCK 8"

All **Oroflex 20** hoses sections with camlock couplings, come by default with zinc-plated steel crimped fitting.
Available on demand: hose fittings in stainless steel and various lengths with minimum order quantities.



Oroflex 20 with Camlock couplings

OROFLEX 20 assembled hose with aluminum GUILLEMIN couplings

Coupling Size (mm)	Hose Ø (mm)	Section (m)	Part Number	WP (bar)	Description
1"	26	20	-	16	OROFLEX 20 Ø26 T20 GUILLEMIN DN25
		30	-	16	OROFLEX 20 Ø26 T30 GUILLEMIN DN25
		40	-	16	OROFLEX 20 Ø26 T40 GUILLEMIN DN25
		60	-	16	OROFLEX 20 Ø26 T60 GUILLEMIN DN25
1½"	38	20	-	16	OROFLEX 20 Ø38 T20 GUILLEMIN DN32
		30	-	16	OROFLEX 20 Ø38 T30 GUILLEMIN DN32
		40	-	16	OROFLEX 20 Ø38 T40 GUILLEMIN DN32
		60	-	16	OROFLEX 20 Ø38 T60 GUILLEMIN DN32
2"	52	20	-	16	OROFLEX 20 Ø52 T20 GUILLEMIN DN50
		30	-	16	OROFLEX 20 Ø52 T30 GUILLEMIN DN50
		40	-	16	OROFLEX 20 Ø52 T40 GUILLEMIN DN50
		60	-	16	OROFLEX 20 Ø52 T60 GUILLEMIN DN50
3"	76	20	-	16	OROFLEX 20 Ø76 T20 GUILLEMIN DN80
		30	-	16	OROFLEX 20 Ø76 T30 GUILLEMIN DN80
		40	-	16	OROFLEX 20 Ø76 T40 GUILLEMIN DN80
		60	-	16	OROFLEX 20 Ø76 T60 GUILLEMIN DN80
4"	105	20	-	16	OROFLEX 20 Ø105 T20 GUILLEMIN DN100
		30	-	16	OROFLEX 20 Ø105 T30 GUILLEMIN DN100
		40	-	16	OROFLEX 20 Ø105 T40 GUILLEMIN DN100
		60	-	16	OROFLEX 20 Ø105 T60 GUILLEMIN DN100
6"	154	20	-	10	OROFLEX 20 Ø154 T20 GUILLEMIN DN150
		30	-	10	OROFLEX 20 Ø154 T30 GUILLEMIN DN150
		40	-	10	OROFLEX 20 Ø154 T40 GUILLEMIN DN150
		60	-	10	OROFLEX 20 Ø154 T60 GUILLEMIN DN150

All **Oroflex 20** hoses sections with Guillemin couplings, come by default with zinc-plated steel crimped fitting.
Available on demand: hose fittings in stainless steel and various lengths with minimum order quantities.



Oroflex 20 with Guillemin couplings



Lay Flat Hose

Oroflex 20 with Storz Couplings



OROFLEX 20 assembled hose with Aluminum STORZ couplings					
Coupling Size (mm)	Hose Ø (mm)	Section (m)	Part Number	WP (bar)	Description
2"	52	20	-	16	OROFLEX 20 Ø52 T20 STORZ 52-C
		30	-	16	OROFLEX 20 Ø52 T30 STORZ 52-C
		40	-	16	OROFLEX 20 Ø52 T40 STORZ 52-C
		60	-	16	OROFLEX 20 Ø52 T60 STORZ 52-C
3"	76	20	-	16	OROFLEX 20 Ø76 T20 STORZ 75-B
		30	-	16	OROFLEX 20 Ø76 T30 STORZ 75-B
		40	-	16	OROFLEX 20 Ø76 T40 STORZ 75-B
		60	-	16	OROFLEX 20 Ø76 T60 STORZ 75-B
4"	105	20	-	16	OROFLEX 20 Ø105 T20 STORZ 110-A
		30	-	16	OROFLEX 20 Ø105 T30 STORZ 110-A
		40	-	16	OROFLEX 20 Ø105 T40 STORZ 110-A
		60	-	16	OROFLEX 20 Ø105 T60 STORZ 110-A
6"	154	20	-	16	OROFLEX 20 Ø154 T20 STORZ 150
		30	-	16	OROFLEX 20 Ø154 T30 STORZ 150
		40	-	16	OROFLEX 20 Ø154 T40 STORZ 150
		60	-	16	OROFLEX 20 Ø154 T60 STORZ 150

All **Oroflex 20** hoses sections with aluminum Storz couplings, come by default with zinc-plated steel crimped fitting.
Possibility of different lengths with minimum orders.

Oroflex 20 with Swivel Couplings



OROFLEX 20 assembled hose with steel male-female swivel couplings					
Coupling Size (mm)	Hose Ø (mm)	Section (m)	Part Number	WP (bar)	Description
2"	52	20	-	15	OROFLEX 20 Ø52 T20 SWIVEL MH S-3
		30	-	15	OROFLEX 20 Ø52 T30 SWIVEL MH S-3
		40	-	15	OROFLEX 20 Ø52 T40 SWIVEL MH S-3
		60	-	15	OROFLEX 20 Ø52 T60 SWIVEL MH S-3
3"	76	20	-	9	OROFLEX 20 Ø76 T20 SWIVEL MH S-7
		30	-	9	OROFLEX 20 Ø76 T30 SWIVEL MH S-7
		40	-	9	OROFLEX 20 Ø76 T40 SWIVEL MH S-7
		60	-	9	OROFLEX 20 Ø76 T60 SWIVEL MH S-7
4"	105	20	-	8	OROFLEX 20 Ø105 T20 SWIVEL MH S-10
		30	-	8	OROFLEX 20 Ø105 T30 SWIVEL MH S-10
		40	-	8	OROFLEX 20 Ø105 T40 SWIVEL MH S-10
		60	-	8	OROFLEX 20 Ø105 T60 SWIVEL MH S-10
6"	154	20	-	6	OROFLEX 20 Ø154 T20 SWIVEL MH S-15
		30	-	6	OROFLEX 20 Ø154 T30 SWIVEL MH S-15
		40	-	6	OROFLEX 20 Ø154 T40 SWIVEL MH S-15
		60	-	6	OROFLEX 20 Ø154 T60 SWIVEL MH S-15
8"	203	20	-	6	OROFLEX 20 Ø203 T20 SWIVEL MH S-20
		30	-	6	OROFLEX 20 Ø203 T30 SWIVEL MH S-20
		40	-	6	OROFLEX 20 Ø203 T40 SWIVEL MH S-20
		60	-	6	OROFLEX 20 Ø203 T60 SWIVEL MH S-20

All **Oroflex 20** hoses sections with camlock couplings, come by default with zinc-plated steel crimped fitting.
Available on demand: hose fittings in stainless steel and various lengths with minimum order quantities.



Lay Flat Hose

OROFLEX 20 assembled hose with steel male–female BAUER couplings					
Coupling Size (mm)	Hose Ø (mm)	Section (m)	Part Number	WP (bar)	Description
4"	105	20	-	12	OROFLEX 20 Ø105 T20 BAUER MH 100
		30	-	12	OROFLEX 20 Ø105 T30 BAUER MH 100
		40	-	12	OROFLEX 20 Ø105 T40 BAUER MH 100
		60	-	12	OROFLEX 20 Ø105 T60 BAUER MH 100
6"	154	20	-	12	OROFLEX 20 Ø154 T20 BAUER MH 150
		30	-	12	OROFLEX 20 Ø154 T30 BAUER MH 150
		40	-	12	OROFLEX 20 Ø154 T40 BAUER MH 150
		60	-	12	OROFLEX 20 Ø154 T60 BAUER MH 150
8"	203	20	-	12	OROFLEX 20 Ø203 T20 BAUER MH 200
		30	-	12	OROFLEX 20 Ø203 T30 BAUER MH 200
		40	-	12	OROFLEX 20 Ø203 T40 BAUER MH 200
		60	-	12	OROFLEX 20 Ø203 T60 BAUER MH 200



Oroflex 20 with Bauer Couplings

All **Oroflex 20** hoses sections with steel bauer couplings, come by default with zinc-plated steel crimped fitting
Available on demand: hose fittings in stainless steel and various lengths with minimum order quantities.

OROFLEX 20 assembled hose with steel male–female swivel couplings					
Coupling Size (mm)	Hose Ø (mm)	Section (m)	Part Number	WP (bar)	Description
1"	26	20	-	38	OROFLEX 20 Ø26 T20 EXTERNAL THREAD 1"
		30	-	38	OROFLEX 20 Ø26 T30 EXTERNAL THREAD 1"
		40	-	38	OROFLEX 20 Ø26 T40 EXTERNAL THREAD 1"
		60	-	38	OROFLEX 20 Ø26 T60 EXTERNAL THREAD 1"
1½"	38	20	-	21	OROFLEX 20 Ø38 T20 EXTERNAL THREAD 1½"
		30	-	21	OROFLEX 20 Ø38 T30 EXTERNAL THREAD 1½"
		40	-	21	OROFLEX 20 Ø38 T40 EXTERNAL THREAD 1½"
		60	-	21	OROFLEX 20 Ø38 T60 EXTERNAL THREAD 1½"
2"	52	20	-	21	OROFLEX 20 Ø52 T20 EXTERNAL THREAD 2"
		30	-	21	OROFLEX 20 Ø52 T30 EXTERNAL THREAD 2"
		40	-	21	OROFLEX 20 Ø52 T40 EXTERNAL THREAD 2"
		60	-	21	OROFLEX 20 Ø52 T60 EXTERNAL THREAD 2"
3"	76	20	-	18	OROFLEX 20 Ø76 T20 EXTERNAL THREAD 3"
		30	-	18	OROFLEX 20 Ø76 T30 EXTERNAL THREAD 3"
		40	-	18	OROFLEX 20 Ø76 T40 EXTERNAL THREAD 3"
		60	-	18	OROFLEX 20 Ø76 T60 EXTERNAL THREAD 3"
4"	105	20	-	21	OROFLEX 20 Ø105 T20 EXTERNAL THREAD 4"
		30	-	21	OROFLEX 20 Ø105 T30 EXTERNAL THREAD 4"
		40	-	21	OROFLEX 20 Ø105 T40 EXTERNAL THREAD 4"
		60	-	21	OROFLEX 20 Ø105 T60 EXTERNAL THREAD 4"
6"	154	20	-	20	OROFLEX 20 Ø154 T20 EXTERNAL THREAD 6"
		30	-	20	OROFLEX 20 Ø154 T30 EXTERNAL THREAD 6"
		40	-	20	OROFLEX 20 Ø154 T40 EXTERNAL THREAD 6"
		60	-	20	OROFLEX 20 Ø154 T60 EXTERNAL THREAD 6"



Oroflex 20 with Swivel Couplings

All **Oroflex 20** hoses sections with BSP male thread couplings, come by default with zinc-plated steel crimped fitting.
Available on demand: hose fittings in stainless steel and various lengths with minimum order quantities.



Lay Flat Hose



Oroflex Aqua



OROFLEX AQUA - Premium lay flat hose for drinking water transfer, made of extruded TPU with an internal textile layer of 100% high-tenacity fibers.

- Hose for drinking water transfer over long distances and in emergency operations, transport of liquid and powdered food, supply of drinking water for ships, sewage and water treatment, water diversion and transport of wastewater.
- Standard length: Available in 60m and 200m lengths. Other lengths also available on request up to 500m.
- Service Temperature Range: -50°C to 65°C, with maximum peaks of 80°C / Colour: Blue / NSF-61 Certified for drinking water.

Part Number	Ø (mm)	Thickness (mm)	WP (bar)	Weight (kg/m)	Part Number	Ø (mm)	Thickness (mm)	WP (bar)	Weight (kg/m)
F556303A*	25	1.8	17	0.17	F556307A	152	3.2	17	1.75
F556308A*	40	2.0	21	0.35	F556309A*	203	4.3	14	3.30
F556300A	52	2.0	17	0.39	F556310A*	254	4.5	14	4.10
F556301A*	65	2.2	17	0.52	F556311A*	305	4.7	12	5.10
F556302A	76	2.3	17	0.64	F556312A* (1)	305	5.0	14	5.28
F556304A	102	2.7	17	1.00	-	406	5.2	12	-

* Available on minimum order quantity
(1) Reinforced HP version

OROFLEX AQUA assembled hose with crimped fitting

OROFLEX AQUA assembled hose with CAMLOCK couplings in 316 stainless steel TYPE C and TYPE E

Coupling Size (mm)	Hose Ø (mm)	Section (m)	Part Number	WP (bar)	Description
2"	52	20	-	10	OROFLEX AQUA Ø52 T20 CAMLOCK 2"
		30	-	10	OROFLEX AQUA Ø52 T30 CAMLOCK 2"
		40	-	10	OROFLEX AQUA Ø52 T40 CAMLOCK 2"
		60	-	10	OROFLEX AQUA Ø52 T60 CAMLOCK 2"
3"	76	20	-	10	OROFLEX AQUA Ø76 T20 CAMLOCK 3"
		30	-	10	OROFLEX AQUA Ø76 T30 CAMLOCK 3"
		40	-	10	OROFLEX AQUA Ø76 T40 CAMLOCK 3"
		60	-	10	OROFLEX AQUA Ø76 T60 CAMLOCK 3"
4"	102	20	-	8	OROFLEX AQUA Ø102 T20 CAMLOCK 4"
		30	-	8	OROFLEX AQUA Ø102 T30 CAMLOCK 4"
		40	-	8	OROFLEX AQUA Ø102 T40 CAMLOCK 4"
		60	-	8	OROFLEX AQUA Ø102 T60 CAMLOCK 4"
6"	152	20	-	8	OROFLEX AQUA Ø152 T20 CAMLOCK 6"
		30	-	8	OROFLEX AQUA Ø152 T30 CAMLOCK 6"
		40	-	8	OROFLEX AQUA Ø152 T40 CAMLOCK 6"
		60	-	8	OROFLEX AQUA Ø152 T60 CAMLOCK 6"

All **Oroflex Aqua** hose sections with 316 stainless steel Camlock couplings come by default with pressed stainless steel fitting. Available in different lengths upon request with minimum order quantities.

Fitted hose OROFLEX AQUA with GUILLEMIN couplings in 316 stainless steel

Coupling Size (mm)	Hose Ø (mm)	Section (m)	Part Number	WP (bar)	Description
2"	52	20	-	16	OROFLEX AQUA Ø52 T20 GUILLEMIN DN50
		30	-	16	OROFLEX AQUA Ø52 T30 GUILLEMIN DN50
		40	-	16	OROFLEX AQUA Ø52 T40 GUILLEMIN DN50
		60	-	16	OROFLEX AQUA Ø52 T60 GUILLEMIN DN50
3"	76	20	-	16	OROFLEX AQUA Ø76 T20 GUILLEMIN DN80
		30	-	16	OROFLEX AQUA Ø76 T30 GUILLEMIN DN80
		40	-	16	OROFLEX AQUA Ø76 T40 GUILLEMIN DN80
		60	-	16	OROFLEX AQUA Ø76 T60 GUILLEMIN DN80
4"	102	20	-	16	OROFLEX AQUA Ø102 T20 GUILLEMIN DN100
		30	-	16	OROFLEX AQUA Ø102 T30 GUILLEMIN DN100
		40	-	16	OROFLEX AQUA Ø102 T40 GUILLEMIN DN100
		60	-	16	OROFLEX AQUA Ø102 T60 GUILLEMIN DN100

All **Oroflex Aqua** hose sections with Guillemin couplings in 316 stainless steel come by default with pressed stainless steel fitting. Available in different lengths upon request with minimum order quantities.

Oroflex Aqua with Camlock couplings



Oroflex Aqua with Guillemin couplings



Lay Flat Hose

Fitted hose OROFLEX AQUA with male-female swivel couplings in 316 stainless steel

Coupling Size (mm)	Hose Ø (mm)	Section (m)	Part Number	WP (bar)	Description
2"	52	20	-	15	OROFLEX AQUA Ø52 T20 ROTULA MH S-3
		30	-	15	OROFLEX AQUA Ø52 T30 ROTULA MH S-3
		40	-	15	OROFLEX AQUA Ø52 T40 ROTULA MH S-3
		60	-	15	OROFLEX AQUA Ø52 T60 ROTULA MH S-3
3"	76	20	-	9	OROFLEX AQUA Ø76 T20 ROTULA MH S-7
		30	-	9	OROFLEX AQUA Ø76 T30 ROTULA MH S-7
		40	-	9	OROFLEX AQUA Ø76 T40 ROTULA MH S-7
		60	-	9	OROFLEX AQUA Ø76 T60 ROTULA MH S-7
4"	102	20	-	8	OROFLEX AQUA Ø102 T20 ROTULA MH S-10
		30	-	8	OROFLEX AQUA Ø102 T30 ROTULA MH S-10
		40	-	8	OROFLEX AQUA Ø102 T40 ROTULA MH S-10
		60	-	8	OROFLEX AQUA Ø102 T60 ROTULA MH S-10
6"	152	20	-	6	OROFLEX AQUA Ø152 T20 ROTULA MH S-15
		30	-	6	OROFLEX AQUA Ø152 T30 ROTULA MH S-15
		40	-	6	OROFLEX AQUA Ø152 T40 ROTULA MH S-15
		60	-	6	OROFLEX AQUA Ø152 T60 ROTULA MH S-15

All **Oroflex Aqua** hose sections with swivel couplings in 316 stainless steel, come by default with stainless steel crimped fitting. Available in different lengths upon request with minimum order quantities.



Oroflex Aqua with Swivel Couplings

Fitted hose OROFLEX AQUA with male-female BAUER couplings in 316 stainless steel

Coupling Size (mm)	Hose Ø (mm)	Section (m)	Part Number	WP (bar)	Description
2"	52	20	-	12	OROFLEX AQUA Ø52 T20 BAUER MH 50
		30	-	12	OROFLEX AQUA Ø52 T30 BAUER MH 50
		40	-	12	OROFLEX AQUA Ø52 T40 BAUER MH 50
		60	-	12	OROFLEX AQUA Ø52 T60 BAUER MH 50
3"	76	20	-	12	OROFLEX AQUA Ø76 T20 BAUER MH 75
		30	-	12	OROFLEX AQUA Ø76 T30 BAUER MH 75
		40	-	12	OROFLEX AQUA Ø76 T40 BAUER MH 75
		60	-	12	OROFLEX AQUA Ø76 T60 BAUER MH 75
4"	102	20	-	12	OROFLEX AQUA Ø102 T20 BAUER MH 100
		30	-	12	OROFLEX AQUA Ø102 T30 BAUER MH 100
		40	-	12	OROFLEX AQUA Ø102 T40 BAUER MH 100
		60	-	12	OROFLEX AQUA Ø102 T60 BAUER MH 100
6"	152	20	-	12	OROFLEX AQUA Ø152 T20 BAUER MH 150
		30	-	12	OROFLEX AQUA Ø152 T30 BAUER MH 150
		40	-	12	OROFLEX AQUA Ø152 T40 BAUER MH 150
		60	-	12	OROFLEX AQUA Ø152 T60 BAUER MH 150

All **Oroflex Aqua** hose sections with bauer couplings in 316 stainless steel, come by default with stainless steel crimped fitting. Available in different lengths upon request with minimum order quantities.



Oroflex Aqua with Bauer couplings

Fitted hose OROFLEX AQUA with BSP male THREAD couplings in 316 stainless steel

Coupling Size (mm)	Hose Ø (mm)	Section (m)	Part Number	WP (bar)	Description
2"	52	20	-	17	OROFLEX AQUA Ø52 T20 EXTERNAL THREAD 2"
		30	-	17	OROFLEX AQUA Ø52 T30 EXTERNAL THREAD 2"
		40	-	17	OROFLEX AQUA Ø52 T40 EXTERNAL THREAD 2"
		60	-	17	OROFLEX AQUA Ø52 T60 EXTERNAL THREAD 2"
3"	76	20	-	17	OROFLEX AQUA Ø76 T20 EXTERNAL THREAD 3"
		30	-	17	OROFLEX AQUA Ø76 T30 EXTERNAL THREAD 3"
		40	-	17	OROFLEX AQUA Ø76 T40 EXTERNAL THREAD 3"
		60	-	17	OROFLEX AQUA Ø76 T60 EXTERNAL THREAD 3"
4"	102	20	-	17	OROFLEX AQUA Ø102 T20 EXTERNAL THREAD 4"
		30	-	17	OROFLEX AQUA Ø102 T30 EXTERNAL THREAD 4"
		40	-	17	OROFLEX AQUA Ø102 T40 EXTERNAL THREAD 4"
		60	-	17	OROFLEX AQUA Ø102 T60 EXTERNAL THREAD 4"
6"	152	20	-	17	OROFLEX AQUA Ø152 T20 EXTERNAL THREAD 6"
		30	-	17	OROFLEX AQUA Ø152 T30 EXTERNAL THREAD 6"
		40	-	17	OROFLEX AQUA Ø152 T40 EXTERNAL THREAD 6"
		60	-	17	OROFLEX AQUA Ø152 T60 EXTERNAL THREAD 6"

All **Oroflex 20** hose sections with swivel couplings in 316 stainless steel, come by default with stainless steel crimped fitting. Available in different lengths upon request with minimum order quantities.



Oroflex Aqua with External Threaded Couplings

Lay Flat Hose



OROFLEX FLOW - Highly efficient extruded rubber lay flat hose with a textile inner layer made of 100% high-tenacity fibers.

- Hose for water transfer and as a main supply line in agriculture. Ideal for various tasks. General pumping applications in irrigation, mining, construction, sewage, drainage systems and operations water diversion.
- Standard length: Available in 100m and 200m lengths. Check availability of other lengths up to 200m.
- Service Temperature Range: -30°C to +80°C /Colour:Blue

Part Number	Ø (mm)	Thickness (mm)	WP (bar)	Weight (kg/m)
F551000A	102	23	20	1.05
F551001A	129	2.8	16	1.45
F551002A	152	3.1	16	1.85

The **Oroflex Flow** hoses are only available on minimum order quantity

Oroflex Flow



OROFLEX BANDAMA- Robust extruded rubber lay flat hose with a textile inner layer made of 100% high - tenacity fibers and highly kink-resistant.

- Designed and recommended for travelling irrigators, lateral pivots, heavy duty dredge discharge, slurry, sludge and liquid manure pumping and any application where high resistance to abrasion is required.
- Standard length: Available in 100m and 200m lengths. Other lengths also available on request up to 200m.
- Service Temperature Range: -30°C to +80°C / Colour: Black

Part Number	Ø (mm)	Thickness (mm)	WP (bar)	Weight (kg/m)	Part Number	Ø (mm)	Thickness (mm)	WP (bar)	Weight (kg/m)
F552164A*	65	3.0	20	0.82	F551300A	115	3.4	12	1.60
F550726A	76	3.1	18	1.00	F551296A	127	3.5	12	1.80
F550748A	90	3.3	16	1.15	F552211A	152	3.6	12	2.10
F551285A	102	3.3	14	1.40					

* Size available upon request (minimum order).

Oroflex Bandama



OROFLEX HD- Double jacket extruded rubber lay flat hose made of 100% high-tenacity fibers.

- Designed for air compressors for public and civil works, drilling machinery compressors, high performance fluid pumps, highly abrasion-resistant applications.
- Standard length: Available in 30m and 60m lengths. Other lengths also available on request up to 200m.
- Service Temperature Range: -30°C to +80°C / Colour: White external fabric

Part Number	Ø (mm)	Thickness (mm)	WP Air/ Water (bar)	Weight (kg/m)	Part Number	Ø (mm)	Thickness (mm)	WP Water (bar)	Weight (kg/m)
F231020A	52	4.2	25/40	0.87	F551729A	127	5.2	25	2.35
F231001A	76	5.2	25/40	1.54	F551730A	152	5.8	25	3.14
F551693A	102	5.2	15/25	1.78	F551731A	204	6.0	20	4.42

Oroflex HD



OROFLEX DRAG- Premium quality extruded TPU lay flat hose highly abrasion resistant with a textile inner layer made of 100% high-tenacity fibers.

- Drag hose for transferring slurry and liquid manure, as an irrigation feed line, for mobile irrigation systems, sludge injection, brackish water transfer, water transfer residuals, and for the transport of compatible fluids in general.
- Standard length: Standard sections of 100m and 200m. Please inquire availability for other lengths up to 500m.
- Service Temperature Range: -50°C to 65°C, with maximum peaks of 80°C / Colour: Orange

Part Number	Ø (mm)	Thickness (mm)	WP (bar)	Weight (kg/m)	Part Number	Ø (mm)	Thickness (mm)	WP (bar)	Weight (kg/m)
F556239A*	102	3.9	17	1.45	F556238A*	140	3.9	12	2.00
F556240A*	115	3.9	14	1.60	F556242A	152	3.9	12	2.10
F556241A	127	3.9	14	1.70	F556261A*	178	4.6	11	2.90

* Sizes available with minimum order.

Oroflex Drag



OROFLEX DRAG EXTREME - Premium quality extruded TPU lay flat hose highly abrasion resistant with a textile inner layer made of 100% high-tenacity fibers. Reinforced version designed for highly abrasive environments.

- Drag hose for transferring slurry and liquid manure, as an irrigation feed line, for mobile irrigation systems, sludge injection, brackish water transfer, water transfer residuals, and for the transport of compatible fluids in general.
- Standard length: Standard sections of 100m and 200m. Please inquire availability for other lengths up to 500m.
- Service Temperature Range: -50°C to 65°C, with maximum peaks of 80°C / Colour: Orange

Part Number	Nominal Inner Diameter		Wall Thickness		Working Pressure		Burst Pressure		Tensile Strength		Nominal Weight	
	mm	inch	mm	inch	bar	psi	bar	psi	kg	lb	kg/m	lb/ft
F554239A	102	4	3.9	0.154	17	250	42	600	13,100	28,900	1.50	1.01
F554242A	115	4 ½	3.9	0.154	14	200	35	500	18,000	39,700	1.60	1.08
F556243A	127	5	3.9	0.154	14	200	35	500	18,000	39,700	1.70	1.14
F556260A	152	6	4.6	0.181	12	175	30	435	42,000	92,600	2.50	1.68



Oroflex Drag Extreme

OROFLEX TERRAIN- Premium lay flat hose with great resistance to abrasion, made of extruded TPU and with an internal textile layer of 100% high-tenacity fibers.

- Designed and recommended as a frac solution (oil industry), and fresh water transfer hose, liquid manure transfer (as main distribution line), irrigation feed line, mud injection, dehydration, contaminated liquids/fertilizers, transport of drinking water and compatible fluids, brackish water, marine water and wastewater.
- Standard length: Standard sections of 100m and 200m. Please inquire availability for other lengths up to 500m.
- Service Temperature Range: -50°C to 65°C, with maximum peaks of 80°C / Colour: Black

Part Number	Ø (mm)	Thickness (mm)	WP (bar)	Weight (kg/m)	Part Number	Ø (mm)	Thickness (mm)	WP (bar)	Weight (kg/m)
F556247A*	102	3.5	22	1.34	F556251A*	305	4.7	12	5.10
F556248A	152	4.5	22	2.48	F556258A	305	5.0	14	5.28
F556249A	203	4.3	14	3.30	F556254A*	406	5.2	12	7.60
F556250A	254	4.5	14	4.10					

* Available on minimum order quantity

The **Oroflex Terrain** hose can be specially manufactured and certified upon request as per the NSF/ANSI/CAN Standard 61 - Drinking Water Approval.



Oroflex Terrain

OROFLEX OIL- Premium antistatic lay flat hose, made of extruded TPU with an internal textile layer of 100% high-tenacity fibers.

- Hose for unloading fuel and oil in refineries, maritime industry, chemical plants and military installations. Ideal for transferring salt and brackish water, unloading from ship to shore, replenishment ship-to-ship fuel transfer, bulk fuel loading and unloading, transshipment of tank-to-tank refueling, aircraft refueling, and home fuel delivery.
- Standard length: Standard sections of 100m and 200m. Please inquire availability for other lengths up to 500m.
- Service Temperature Range: -50°C to 65°C, with maximum peaks of 80°C / Colour: Beige

Part Number	Ø (mm)	Thickness (mm)	WP (bar)	Weight (kg/m)	Part Number	Ø (mm)	Thickness (mm)	WP (bar)	Weight (kg/m)
F558504A	52	1.9	10.5*	0.39	F558511A	90	2.6	10.5*	0.85
F558506A	65	2.2	10.5*	0.52	F558510A	102	2.7	10.5*	1.00
F558509A	76	2.3	10.5*	0.64	F558512A	152	3.2	10.5*	1.75

* Maximum service pressure for hydrocarbons (safety factor 4:1)
The hose **Oroflex Oil** is only available with a minimum order.



Oroflex Oil



Lay Flat Hose

OROFLEX OFFSHORE - Reinforced and antistatic premium lay flat hose, made of extruded TPU and with an internal textile layer of 100% high tenacity fibers.

- Hose for fuel and oil unloading operations in refineries in the naval industry, chemical plants and military installations. Ideal for saltwater and brine transfer, ship-to-shore unloading, ship-to-ship refueling, bulk fuel loading and unloading, tank-to-tank transfer, offshore platform supply, water and drilling mud, cement, bulk powder transport and high pressure bypass.
- Standard length: Available in 100m and 200m lengths. Check availability for other lengths up to 500m.
- Service Temperature Range: Service Temperature Range: -50°C to 65°C, with maximum peaks of 80°C/ Colour: Orange / Versions available in blue and black certified for drinking water according to NSF-61 Standard.



Oroflex Offshore



Part Number	Ø (mm)	Thickness (mm)	WP hydrocarbons*/water (bar)	Weight (kg/m)	Part Number	Ø (mm)	Thickness (mm)	WP hydrocarbons*/water (bar)	Weight (kg/m)
F556270A	32	2.2	20 / 40	0.29	F556150A	102	3.5	15 / 29	1.38
F556271A	40	2.2	18 / 35	0.35	F556275A	127	4.3	15/29	1.94
F556272A	52	2.7	16/31	0.59	F556276A	152	4.5	15/29	2.63
F556273A	65	3.4	15/29	0.87	F556152A	203	4.3	11/21	3.30
F556274A	76	3.5	15/29	1.02					

* Maximum working pressure for fuel oil (4:1 safety factor)

The **Oroflex Offshore** hoses are only available on minimum order quantity.

RYLAQUA- Single-layer PVC lay flat hose with polyester textile reinforcement. Maximum outdoor resistance

- Hoses for water transfers, drip irrigation systems, liquid fertilizers, protective covers,...
- Standard length: Available in 100m sections.
- Service Temperature Range: -5°C to + 60°C / Colour: Blue

Rylaqua



Part Number	Ø (mm)	Thickness (mm)	WP (bar)	Weight (kg/m)	Part Number	Ø (mm)	Thickness (mm)	WP (bar)	Weight (kg/m)
C107030	30	1.3	5	0.18	C107077	77	1.6	4	0.46
C107040	40	1.3	5	0.21	C107090	90	1.7	4	0.55
C107045	45	1.4	5	0.24	C107103	103	1.7	4	0.61
C107052	52	1.4	5	0.28	C107106	105	1.7	4	0.67
C107060	60	1.5	5	0.35	C107128	127	2.0	4	0.85
C107063	63	1.5	5	0.38	C107153	153	2.1	4	1.20
C107065	65	1.5	5	0.39	C107204	204	2.2	4	1.60
C107070	70	1.6	4	0.43	-	-	-	-	-

RYLAQUA HD PLUS - Single-layer PVC lay flat hose with polyester textile reinforcement. Maximum outdoor resistance.

- Extra reinforced PVC flat hose for general liquid pumping, irrigation systems, and civil works and bilge pumps.
- Standard length: Available in 50 m sections.
- Service Temperature Range: -5°C to + 60°C / Colour: Blue

Rylaqua HD Plus



Part Number	Ø (mm)	Thickness (mm)	WP (bar)	Weight (kg/m)	Part Number	Ø (mm)	Thickness (mm)	WP (bar)	Weight (kg/m)
C109025	25	2.0	8	0.19	C109077	77	2.2	7	0.65
C109032	32	2.0	8	0.22	C109080	80	2.2	7	0.72
C109035	35	2.0	8	0.27	C109090	90	2.2	7	0.78
C109040	40	2.0	8	0.32	C109103	103	2.2	6	0.90
C109045	45	2.0	8	0.34	C109110	110	2.2	5	0.95
C109052	52	2.1	8	0.42	C109128	128	2.3	5	1.20
C109060	60	2.1	7	0.50	C109153	153	2.5	5	1.43
C109070	70	2.1	7	0.56	C109204	204	2.5	4	2.10



Lay Flat Hose

RYLAQUA PE - Flat polyethylene (PE) hose with polyester textile reinforcement. Maximum lightness and weather resistance.



- Flat polyethylene (PE) hose, specially designed for drip irrigation systems. Up to 40% lighter than the equivalent PVC flat hose.
- Standard length: Available in 100m sections.
- Service Temperature Range: -10°C to + 60°C / Colour: Ivory white.

Part Number	Ø (mm)	Thickness (mm)	WP (bar)	Weight (kg/m)
C109304	78	1.35	3	0.27
C109305	104	1.40	3	0.42



RYLAQUA PE- Flat polyethylene (PE) hose with polyester textile reinforcement and taps for branch connectors. Maximum lightness and weather resistance.



- Flat polyethylene (PE) hose with 1/2" female threaded fittings for branch fittings, especially Designed for drip irrigation systems. Up to 40% lighter than flat PVC hose equivalent.
- Standard length: Available in 100 m sections. Distance between outlets: 150 cm.
- Service Temperature Range: -10°C to + 60°C / Colour: Ivory white.

Part Number	Ø (mm)	Thickness (mm)	WP (bar)	Weight (kg/m)	Distance between shots (cm)
C109300	78	1.35	2	0.27	150
C109301	104	1.40	2	0.42	150
C109302	78	1.35	2	0.27	152
C109303	104	1.40	2	0.42	152



Rylaqua PE

OROFLEX RELINE - Premium lay flat hose for drinking water transfer in pipe repair, made of extruded polyurethane and with an internal textile layer of 100% high tenacity fibers.



- Hose for the channeling of drinking water in the rehabilitation of water pipe networks. Available for pipe diameters from DN 125 (4" hose) to DN500 (20" hose). Its ease of expansion helps it adapt perfectly to the internal walls of the pipe to be repaired, providing excellent resistance to wear, hydrolysis and microbiological attack.
- Standard length: Standard sections of 200m. Please inquire availability for other lengths up to 500m.
- Service Temperature Range: From -50°C to 65°C, with maximum peaks of 80°C. / Colour: Blue / Certified for drinking water according to NSF-61 Standard



Part Number	DN Pipe (mm)	Ø hose (mm)	WP (bar)	Weight (kg/m)	Part Number	DN Pipe (mm)	Ø hose (mm)	WP (bar)	Weight (kg/m)
F550170A	125	92	17	1.45	F550174A	300	254	16	4.10
F550171A	150	116	16	1.60	F550175A	400	305	16	5.28
F550172A	200	152	22	2.48	F550176A	500	406	15	7.60
F550173A	250	203	16	3.30	-	-	-	-	-



Oroflex Reline

The **Oroflex Reline** hoses are only available on minimum order quantity and/or according to project specifications



Oroflex Well/Pro - Flexible Well Riser

Oroflex Well System



OROFLEX WELL - Flexible TPU well riser. Certified for Potable Water according to NSF-61 Standard.

- Well riser hose for installation of submersible pumps, wells, and water transfer.
- Standard length: Available up to 1,000 meters. Custom lengths are available.
- Service Temperature Range: -40°C to +50°C / Standard NSF-61

Part Number	Ø (mm)	Attachment Loops	WP (bar)	Maximum depth (m)	Maximum recommended flow rate (l/m)	Weight (kg/m)
F559320A	32	No	15	150	200	0.25
F559299A	32	Yes	35	300*	200	0.28
F558028A	40	Yes	30	300*	270	0.35
F559201A**	52 (BP)	Yes	10	100	340	0.52
F559364A	52	Yes	30	300*	500	0.66
F558030A	65	Yes	30	300*	800	0.87
F558032A	76	Yes	30	300*	1,200	1.08
F558063A	102	Yes	30	300*	2,000	1.40
F558070A	127	Yes	26	260*	3,000	2.10
F558075A	152	Yes	26	260*	4,500	2.63
F558076A	203	Yes	16	150	8,000	3.45

* Installations over 200m must be consulted before installation.

** Flexible tubing is available exclusively in gray, unlike other flexible tubing which is blue.

Oroflex Well



Expansion



Reusable Field



COUPLING SYSTEMS - OROFLEX WELL

316 STAINLESS STEEL EXPANSION COUPLING

Part Number	Ø (mm)	Description
C653200	32	Ø1¼" - BSP Thread

REUSABLE FIELD-FITTABLE AISI 316 STAINLESS STEEL CONICAL COUPLINGS

Part Number	Ø (mm)	Description
C652995	32	Ø1¼" - With GAS (BSP)
C655013	40	Ø1½" - Without drain System - With GAS (BSP)
C655014	40	Ø1½" - With drain System - With GAS (BSP)
C602005	52	Ø2" - With and without drain system - with GAS (BSP)
C602505	65	Ø2½" - With and without drain system - with GAS (BSP)
C652300	76	Ø3" - Without drain System - With GAS (BSP)
C655011	76	Ø3" - With drain System - With GAS (BSP)
C654823	102	Ø4" - Without drain System - With GAS (BSP)
C654822	102	Ø4" - With drain System - With GAS (BSP)
C652355	127	Ø5" - Without drain System - With GAS (BSP)
C655023	127	Ø5" - With drain System - With GAS (BSP)
C652364	152	Ø6" - Without drain System - With GAS (BSP)
C652363	152	Ø6" - With drain System - With GAS (BSP)
C655143	203	Ø8" - With drain system and fusible plug - With NPT
C655144	203	Ø8" - Without drain system and blanking plug- With NPT

For diameters equal to or greater than 4" all coupling shafts have a small threaded hole to insert either the fuse (with drain system) or the cap (without drain system).



Flexible Well Riser

REUSABLE FIELD-FITTABLE AISI 316 STAINLESS STEEL REMOVABLE CONICAL JOINT		
Part Number	Ø (mm)	Description
C653390	52	TERM TP CONNECTOR Ø2"
C653414	76	TERM TP CONNECTOR Ø3"
C653418	102	TERM TP CONNECTOR Ø4"
C653423	125	TERM TP CONNECTOR Ø5"
C653419	152	TERM TP CONNECTOR Ø6"



Reusable Field

EMPTYING DEVICE FOR 1 1/4" COUPLING		
Part Number	Ø (mm)	Description
C654990	32	Emptying Device - Ø 1 1/4"
C654330	32	Emptying device Fuse - Ø 1 1/4"



Emptying

CONNECTOR SLEEVES		
Part Number	Ø (mm)	Description
C680247	32	CONNECTOR SLEEVES Ø1 1/4"
C680248	52	CONNECTOR SLEEVES Ø2"



Connector

Oroflex Pro System

OROFLEX PRO - Flexible Rubber well riser with double polyester textile reinforcement.



- Well riser hose for installation of submersible pumps, wells, and water transfer.
- Standard length: Available up to 200m lengths. Cut to size.
- Service Temperature Range: -20°C to +80°C

Part Number	Ø (mm)	WP (bar)	Maximum depth (m)	Max flow rate recommended (l/m)	Weight (kg/m)
F231002A	52	30	300	340	0.87
F231002A*	52	40	350	340	0.93
F231001A	76	25	250	800	1.54
F231001A*	76	40	350	800	1.65
F551693A	102	21	200	1,200	1.78
F551729A	125	21	200	1,700	2.35
F551730A	150	21	200	3,000	3.14
F551731A	200	16	150	5,000	4.43

* Reinforced versions



Oroflex Pro



Flexible Well Riser

Conical Removable Coupling



Removable Conical Joint



Electric Cable and Probe Attachment System



OROFLEX PRO CONNECTION SYSTEMS

316 STAINLESS STEEL CONICAL REMOVABLE COUPLING

Part Number	Ø (in.)	Description
C655032	2"	With GAS (BSP) thread and with drain system
C653000	2"	With GAS (BSP) thread and without a drain system
C654264	3"	With GAS (BSP) thread and with drain system
C653010	3"	With GAS (BSP) thread and without a drain system
C654824	4"	With GAS (BSP) thread and with drain system
C654825	4"	With GAS (BSP) thread and without a drain system
C655020	5"	With GAS (BSP) thread and with drain system
C652312	5"	With GAS (BSP) thread and without a drain system
C655121	6"	With GAS (BSP) thread and with drain system
C655122	6"	With GAS (BSP) thread and without a drain system
C655103	8"	With NPT thread and with drain system
C655104	8"	With NPT thread and without a drain system

For diameters equal to or greater than 4" all the coupling rods have a small threaded hole to insert either the fuse (with draining system) or the plug (without draining system).

316 STAINLESS STEEL REMOVABLE CONICAL JOINT

Part Number	Ø (in.)	Description
C653400	2"	TERM TP CONNECTOR Ø2"
C653410	3"	TERM TP CONNECTOR Ø3"
C653420	4"	TERM TP CONNECTOR Ø4"
C653430	5"	TERM TP CONNECTOR Ø5"
C653440	6"	TERM TP CONNECTOR Ø6"

Oroflex Well/Pro System Accessories

ELECTRIC CABLE AND PROBE ATTACHMENT SYSTEM

Option 1 - OROFLEX WELL SYSTEM Small blue PU strap and buckle (1)

Hose Diameter mm - inches	Strap Code	Buckle Code
32-1 ¼ - without attachment loop	C650053	C654811
32-1 ¼ - with attachment loop		
40-1 ½	C650055	
52-2"		

Option 2 - OROFLEX WELL SYSTEM Protection Washers in White PA and UNEX Flange in black plastic (2)

DHose diameter mm - inches	Washer Code	Flange Code
32-1 ¼ - with attachment loop	C654401	C655096
40-1 ½		
52-2"		
65-2 ½		
76-3"		



Flexible Well Riser

Option 3 - OROFLEX WELL SYSTEM Transparent PU Strap and A316 Stainless Steel Buckle (3)		
Hose Diameter mm - inches	Strap Code	Buckle Code
52-2"	C654743	C654810
65-2 ½"	C654743	
76-3"	C654744	
102-4"	C654745	
127-5"	C654746	
152-6"	C654747	
203-8"	C654748	

- (1) Ideal for securing very lightweight electrical cables
- (2) Ideal for securing electrical cables up to 4kg/m
- (3) Ideal for holding centering devices and electrical cables weighing over 4kg/m

OROFLEX PRO system Transparent PU Strap and A316 Stainless Steel Buckle		
Hose Diameter mm - inches	Strap Code	Buckle Code
52-2"	C654743	C654810
65-2 ½"	C654743	
76-3"	C654744	
102-4"	C654745	
127-5"	C654746	
152-6"	C654747	
203-8"	C654748	

Ideal for securing centering devices and electrical cables weighing over 4kg/m

CENTERING DEVICE - Each centering device consists of 3 or 4 segments	
Article - Segment	Segment description
C654202	CENTERING DEVICE KZ 155 HT-D (30 BOW)
C654203	CENTERING DEVICE KZ 155 HT-E (50 BOW)
C654205	CENTERING DEVICE KZ 380 HT-E (50 BOW)

Hose diameter (in.)	Type of segment	Segment units
2"	C654202	3
2 1/2"	C654202	3
3"	C654202	3
4"	C654203	3
5"	C654203	4
6" - Option 1	C654203	4
6" - Option 2	C654206	3
8"	C654206	4



Electric Cable and Probe Attachment System

Centering device



Flexible Well Riser

Fuse and Plug



FUSE AND PLUG		
Article	Ø (in.)	Description
C650000	1 ½	A2 RYLBRUN FUSE M12 Ø1 ½"
C650002	2"	A2 RYLBRUN FUSE M12 Ø2" (FOR C655034)
C602015F	2"	A2 RYLBRUN FUSE 1/4" Ø2" (FOR C602005)
C602515F	2 1/2	A2 RYLBRUN FUSE 3/8" Ø2½" (NEW)
C650003	3"	A2 RYLBRUN FUSE M16 Ø3"
C651497SS	4"	A2 RYLBRUN FUSE M20x1.5 Ø4"
C651507SS	5" - 6"	A2 RYLBRUN FUSE M22x1.5 Ø5"and Ø6"
C652325SS	8"	A2 RYLBRUN FUSE M22x1.5 Ø8"
C602015T	2"	A2 RYLBRUN 1/4" Ø2" PLUG (NEW)
C602515T	2 1/2	A2 RYLBRUN 3/8" Ø2½" PLUG (NEW)
C651498SS	4"	A2 RYLBRUN CAP M20X1.5 Ø4"
C653051SS	5" - 6"	A4 RYLBRUN CAP M22P1.5 Ø5" and Ø6"

Plumb



PLUMB		
Article	Ø (mm)	Description
C654340	32	PLUMB EXP. Ø1¼ "
C654340	40	PLUMB EXP. Ø1 ½"
C654350	52/65	PLUMB EXP/DESM 2" 2 ½"
C654360	76	PLUMB Ø3"
C654370	102	PLUMB DESM. 4"
C654380	127 /152 /203	PLUMB Ø5" - Ø6" - Ø8"

Well Covers



WELL COVERS		
WELL COVERS		
Article	Ø R. Int - Ø ext	Description
C654560	1¼" - 210mm	WELL COVER 210MM 1¼"
C654670	1¼" - 300mm	WELL COVER 300MM 1¼"
C654690	1¼" - 400mm	WELL COVER 400MM 1¼"
C654660	2" - 210mm	WELL COVER 210MM 2"
C654680	2" - 300mm	WELL COVER 300MM 2"
C654710	2" - 400mm	WELL COVER 400MM 2"



Installation Components

INSTALLATION CLAMPS		
Article	Ø (in.)	Description
C654310	2" and 3"	SMALL ASSEMBLY CLAMP
C654320	4" and 5"	LARGE ASSEMBLY CLAMP
C654315	6 and 8"	ASSEMBLY CLAMP Ø8"



Installation Clamps

MANUAL EXPANSION COUPLING INSTALLATION MACHINE		
Article	Ø (mm)	Description
C653900	32	MANUAL MACHINE RAC.32mm



Coupling

MOUNTING ROLLER	
Article	Description
C654110C	SMALL MOUNTING ROLLER
C654100C	MOUNTING ROLLER



Roller

Technical hose/tubing

Braided Crystal Rylsol



BRAIDED CRYSTAL RYLSOL- Smooth transparent PVC hose with continuous polyester textile reinforcement.

- Hose for water, air, and raw materials transfer in the food industry and general industry. Non-toxic use.
- Standard length: Available in 50m sections
- Service Temperature Range: 0°C to +60°C

Part Number	Ø (mm)	WP (bar)	Weight (kg/m)	Part Number	Ø (mm)	WP (bar)	Weight (kg/m)
C201006	6x12	10	0.08	C201019	19x26	10	0.27
C201008	8x14	10	0.10	C201025	25x32	8	0.38
C201010	10x16	10	0.12	C201030	30x38	8	0.47
C201012	12x18	10	0.15				
C201015	15x21	10	0.18				

Rylkhor 10



RYLKHOR 10 - Black thermorubber grooved tube with continuous polyester textile reinforcement.

- Hose for compressed air and low-pressure water delivery, floor cleaning with water and industrial detergents. Non-toxic use.
- Standard length: Available in 100m lengths up to Ø 12mm and 50m lengths from Ø 15mm
- Service Temperature Range: -15°C to +60°C

Part Number	Ø (mm)	WP (bar)	Weight (kg/m)	Part Number	Ø (mm)	WP (bar)	Weight (kg/m)
C270815	8x15	20	0.18	C272231	22x31	10	0.45
C271017	10x17	20	0.19	C272534	25x34	10	0.52
C271219	12x19	10	0.22	C273041	30x41	10	0.58
C271522	15x22	10	0.28	-	-	-	-
C271927	19x27	10	0.41				

Rysol Multi



RYLSOL MULTI - Smooth blue thermorubber tube and black interior with continuous textile reinforcement.

- Highly flexible hose for compressed air and water pumping, industrial cleaning and pneumatic tools. Non-toxic use.
- Standard length: Available in 100m lengths for Ø 6mm, 50 and 100m lengths for Ø 8-10-12mm and 50 m A from Ø 15mm.
- Service Temperature Range: -15°C to +60°C

Part Number	Ø (mm)	WP (bar)	Weight (kg/m)	Part Number	Ø (mm)	WP (bar)	Weight (kg/m)
C260613	6x13	20	0.15	C261522	15x22	20	0.27
C260815	8x15	20	0.18	C261927	19x27	20	0.44
C261017	10x17	20	0.21	C262533	25x33	20	0.53
C261219	12x19	20	0.24	C263039	30x39	20	0.61



RYLSOL HAMMER- Smooth natural and synthetic rubber tube in black with continuous textile reinforcement.

- Hose for compressed air and water pumping, for public works compressors, mines and quarries.
- Standard length: Available in 100 m lengths up to Ø13mm, in 50 m lengths for Ø15 mm and in sections of 20 and 50 m for Ø19 mm and Ø25 mm.
- Service Temperature Range: -20°C to +80°C

Part Number	Ø (mm)	WP (bar)	Weight (kg/m)	Part Number	Ø (mm)	WP (bar)	Weight (kg/m)
C203006	6x14	20	0.19	C203015	15x25	20	0.44
C203008	8x16	20	0.23	C203019	19x29	20	0.57
C203010	10x18	20	0.29	C203025	25x35	20	0.70
C203013	13x21	20	0.32				



Rylsol Hammer

RYLSOL BIOJET- Smooth blue synthetic rubber tube and white EPDM rubber interior with continuous textile reinforcement.

- Hot water cleaning hose, especially suitable for the food industry. Non-toxic. Complies with FDA regulations.
- Standard length: Available in 50m sections
- Service Temperature Range: -30°C to +110°C

Part Number	Ø (mm)	WP (bar)	Weight (kg/m)	Part Number	Ø (mm)	WP (bar)	Weight (kg/m)
C208113	13x23	14	0.41	C208119	19x32	14	0.74
C208116	16x27	14	0.53	C208125	25x39	14	0.99



Rylsol Biojet

RYLPRESS 20- Black thermorubber grooved hose with blue hytrel interior with continuous textile reinforcement

- Hose for compressors, hydraulic return lines, delivery of oils, solvents, and other corrosive materials.
- Standard length: Available in 100m sections up to Ø 12mm and 50m sections from Ø 15mm.
- Service Temperature Range: -20°C to +60°C

Part Number	Ø (mm)	WP (bar)	Weight (kg/m)	Part Number	Ø (mm)	WP (bar)	Weight (kg/m)
C280613	6x13	20	0.16	C281525	15x25	20	0.37
C280816	8x16	20	0.19	C281930	19x30	20	0.58
C281018	10x18	20	0.23	C282535	25x35	20	0.75
C281221	12x21	20	0.30				



Rylpress 20



Technical hose/tubing

Rylsol Oil



RYLSOL OIL - Smooth NBR rubber tube in black with continuous textile reinforcement.

- Antistatic hose for pumping oils and hydrocarbons with an aromatic content of less than 50%. Suitable for transferring diesel fuel.
- Standard length: Available in 100m sections up to Ø 13mm and 50m sections from Ø15mm.
- Service Temperature Range: -20°C to +80°C / Antistatic

Part Number	Ø (mm)	WP (bar)	Weight (kg/m)	Part Number	Ø (mm)	WP (bar)	Weight (kg/m)
C204006	6x14	20	0.17	C204016	16x24	20	0.44
C204008	8x16	20	0.24	C204019	19x30	20	0.57
C204010	10x18	20	0.27	C204025	25x36	20	0.71
C204013	13x21	20	0.38				

Braid-Lock Push On



BRAID-LOCK PUSH ON - Inner tube in synthetic rubber with braided polyester fibre reinforcement and with fireproof properties, as well as resistance to abrasion, oils and the weathering.

- Oil, air, and water resistant multi-purpose rubber hose for equipment using push lock terminals. Clamps are not required if used with these terminals. Designed for low pressure pneumatic and hydraulic systems, compressed air tools, welding robots, lubricated compressed air systems and water supply lines in plastic moulding.
- Standard length: Available in 100m sections.
- Service Temperature Range: -40°C to +90°C Operating pressure: 20 bar

Part Number	Ø (mm)	Color	Weight (kg/m)	Part Number	Ø (mm)	Color	Weight (kg/m)
C290006	6x13.5	Black	0.16	C290206	6x13.5	Blue	0.17
C290009	10x16.5	Black	0.22	C290209	10x16.5	Blue	0.23
C290013	13x20.5	Black	0.31	C290213	13x20.5	Blue	0.32
C290019	19x29.5	Black	0.47	C290219	19x29.5	Blue	0.51
C290306	6x13.5	Red	0.17	C290106	6x13.5	Green	0.17
C290309	10x16.5	Red	0.23	C290109	10x16.5	Green	0.22
C290313	13x20.5	Red	0.32	C290113	13x20.5	Green	0.32
C290319	19x29.5	Red	0.51	C290119	19x29.5	Green	0.47

Orotawa L20



OROTAWA L20 - Smooth black thermorubber tube with continuous polyester textile reinforcement.

- Hose for delivering compressed air, water, and phytosanitary products, trolleys and fumigation equipment to 20 Bar.
- Standard length: Available in 100m sections.
- Service Temperature Range: -20°C to +60°C

Part Number	Ø (mm)	WP (bar)	Weight (kg/m)
C230813	8x13	20	0.11
C231015	10x15	20	0.18
C231217	12x17	20	0.20



OROTAWA L40- Smooth black thermorubber tube with continuous polyester textile reinforcement.

- Hose for delivering compressed air, water, and phytosanitary products, trolleys and fumigation equipment to 40 Bar.
- Standard length: Available in 100m sections.
- Service Temperature Range: -20°C to +60°C

Part Number	Ø (mm)	WP (bar)	Weight (kg/m)
C234008	8x14	40	0.16
C234010	10x16	40	0.20
C234012	12x19	40	0.23



Orotawa L40

OROTAWA L80- Smooth black thermorubber tube with continuous polyester textile reinforcement.

- Hose for delivering compressed air, water, and phytosanitary products, trolleys and fumigation equipment to 80 Bar.
- Standard length: Available in 100m sections
- Service Temperature Range: -20°C to +60°C

Part Number	Ø (mm)	WP (bar)	Weight (kg/m)
C238008	8x15	80	0.18
C238010	10x17	80	0.21
C238012	12x20	80	0.25



Orotawa L80

OROTAWA S80- Smooth black thermorubber hose with continuous polyester braided textile reinforcement.

- Hose for delivering compressed air, water, and phytosanitary products, trolleys and fumigation equipment to 80 Bar.
- Standard length: Available in 100m sections
- Service Temperature Range: -20°C to +60°C

Part Number	Ø (mm)	WP (bar)	Weight (kg/m)
C230008	8x15	80	0.18
C230010	10x17	80	0.21
C230013	13x21	80	0.25



Orotawa S80

RYLTREL 100- Smooth black thermorubber hose with white polyamide interior with continuously manufactured

- Hose for professional fumigation at 100 bar and for chemicals, solvents and paints.
- Standard length: Available in 100m sections up to Ø12mm and 50m sections up to Ø16mm.
- Service Temperature Range: -20°C to +65°C

Part Number	Ø (mm)	WP (bar)	Weight (kg/m)	Part Number	Ø (mm)	WP (bar)	Weight (kg/m)
C220106	6x14	100	0.19	C220112	12x21	100	0.32
C220108	8x16	100	0.21	C220116	16x24	100	0.40
C220110	10x18	100	0.25				



Ryltrel 100



Technical hose/tubing

Rylosol Oxygen



RYLSOL OXYGEN- Smooth synthetic rubber tube in blue with continuously manufactured polyester textile reinforcement.

- Hose for compressed air delivery and oxygen welding. Certified under Standard EN ISO 3821.
- Standard length: Available in 100m sections.
- Service Temperature Range:-20°C to +80°C

Part Number	Ø (mm)	WP (bar)	Weight (kg/m)
C206006	6x14	20	0.15
C206008	8x16	20	0.18
C206010	10x18	20	0.20
C206012	12x21	20	0.22

Rysol Acetylene



RYLSOL ACETYLENE- Smooth synthetic rubber tube in red with continuously manufactured polyester textile reinforcement.

- Hose for compressed air delivery and acetylene welding. Certified under Standard EN ISO 3821.
- Standard length: Available in 100m sections.
- Service Temperature Range:- -20°C to +80°C

Part Number	Ø (mm)	WP (bar)	Weight (kg/m)
C207006	6x14	20	0.15
C207008	8x16	20	0.18
C207009	9x16	20	0.17
C207012	12x21	20	0.22

Rylsiam Double



RYLSIAM DOUBLE- Smooth double synthetic rubber hose in red and blue with continuously manufactured polyester textile reinforcement.

- Compressed air delivery hose. Also for welding in oxygen-acetylene or oxygen-propane, depending on the diameter. Certified with EN ISO 3821 Standard.
- Standard length: Available in 100m lengths for the 6-6mm diameter and 50m lengths for the other diameters 8-9mm and 8-8mm.
- Service Temperature Range:- -20°C to +80°C

Part Number	Ø (mm)	WP (bar)	Weight (kg/m)	Welding type (gas)
C208006	6 - 6	20	0.32	Oxygen - Acetylene
C208008	8 - 9	20	0.39	Oxygen - Acetylene
C208088	8 - 8	20	0.40	Oxygen - Propane

Kuritec K7000



KURITEC K7000- Phthalate-free hose specially formulated in an antistatic compound of black PVC with a yellow longitudinal band for better identification.

- Hose for blasting operations. Ideal for pumping explosive ammonium nitrate/fuel oil substances used in mining and construction.
- Standard length: Available in 61m sections.
- Service Temperature Range: -35°C to +65°C

Part Number	Ø (mm)	WP (bar)	Weight (kg/m)
C205019	19x27	8.3	0.13



Mandrel Ruber Hose

RYLTEC 1210 -SBR rubber mandrel hose with textile reinforcement.

- Hose for air and water pumping at 10 bar, compressors, pneumatic equipment, mining and public works. For general industrial and construction use.
- Standard length: Available in 40 m sections up to Ø 51 mm and 20 m sections from Ø 60 mm.
- Service Temperature Range: -30°C to +85°C / WP: 10 bar / Diameter tolerance according to ISO1307

Marking: RYLTEC 1210 COMPRESSED AIR HOSE - STANDARD DUTY - WP 10 BAR (150PSI) - Ref. Ø

Part Number	Ø (mm)	Bending Radius (mm)	Part Number	Ø (mm)	Bending Radius (mm)
C303013	13 x 22	120	C303051	51 x 62	500
C303016	16 x 25	150	C303060	60 x 72	660
C303019	19 x 29	180	C303070*	70 x 83	750
C303025	25 x 35	250	C303076	76 x 89	900
C303030	30 x 40	300	C303080*	80 x 93	950
C303032*	32 x 42	320	C303090*	90 x 103	1050
C303035	35 x 45	380	C303102	102 x 116	1150
C303038*	38 x 48	400	C303127*	127 x 142	1250
C303040	40 x 51	400	C303152	152 x 167	1500
C303045	45 x 56	450	-	-	-

* Available upon request with a minimum quantity.

RYLTEC 1215- SBR rubber mandrel hose with textile reinforcement.

- Hose for air and water pumping at 15 bar, compressors, pneumatic equipment, mining and public works. For general industrial and construction use.
- Standard length: Available in 40 m sections up to Ø 60 mm and 20 m sections from Ø 63 mm.
- Service Temperature Range: -30°C to +85°C / WP: 15 bar / Diameter tolerance according to ISO1307

Marking: RYLTEC 1215 COMPRESSED AIR HOSE - MEDIUM DUTY - WP 15 BAR (225PSI) - Ref. Ø

Part Number	Ø (mm)	Bending Radius (mm)	Part Number	Ø (mm)	Bending Radius (mm)
C304013	13x23	120	C304045	45x58	450
C304016	16x26	150	C304051	51x64	500
C304019	19x30	180	C304060	60x74	660
C304025	25x36	250	C304063*	63x77	700
C304030	30x41	300	C304070*	70x84	750
C304032*	32x43	320	C304076*	76x90	900
C304035	35x46	350	C304080	80x95	950
C304038*	38x50	400	C304090*	90x105	1050
C304040	40x53	400	C304102	102x117	1150

* Available upon request with a minimum quantity.



Ryltec 1210



Ryltec 1215



Mandrel Ruber Hose

Ryltec 1220



RYLTEC 1220- SBR rubber mandrel hose with textile reinforcement.

- Hose for air and water pumping at 20 bar, compressors, pneumatic equipment, mining and public works. For general industrial and construction use.
- Standard length: Available in 40 m sections up to Ø 51 mm and 20 m sections from Ø 60 mm.
- Service Temperature Range: -30°C to +85°C / WP: 20 bar / Diameter tolerance according to ISO1307

Marking: RYLTEC 1220 COMPRESSED AIR HOSE - HEAVY DUTY - WP 20 BAR (300PSI) - Ref. Ø

Part Number	Ø (mm)	Bending Radius (mm)	Part Number	Ø (mm)	Bending Radius (mm)
C305013	13x23	120	C305040	40x55	400
C305016	16x26	150	C305045	45x60	450
C305020	19x31	190	C305051	51x66	500
C305025	25x37	250	C305060	60x75	660
C305030	30x42	300	C305063	63x78	700
C305032	32x45	320	C305075	76x92	900
C305035	35x49	350	C305090	90x106	1050
C305038	38x53	400	C305102	102x119	1250

RYLTEC 2001- SBR rubber mandrel hose with textile reinforcement and spiral made of steel wire.

- Hose for air and water suction and delivery at 10 bar, compressors, pneumatic equipment, mining and public works. For general industrial and construction uses.
- Standard length: Available in 40 m sections up to Ø 51 mm and 20 m sections from Ø 60 mm up to Ø 203 mm. In 10 m sections for Ø 254 mm and in 6 m sections for Ø 305 mm.
- Service Temperature Range: -30°C to +85°C / WP: 10 bar / Diameter tolerance according to ISO1307

Marking: RYLTEC 2001 WATER SUCTION AND DISCHARGE - WP 10 BAR (150PSI) - Ref. Ø

Part Number	Ø (mm)	Bending Radius (mm)	Part Number	Ø (mm)	Bending Radius (mm)
C312040	40x50	280	C312110	110x126	900
C312045*	45x55	315	C312114*	114x130	1000
C312051	51x62	350	C312127	127x143	1250
C312060	60x71	420	C312130	152x169	1300
C312076	76x88	530	C312203	203x223	1400
C312080	80x94	560	C312254*	254x278	1600
C312090	90x103	630	C312305*	305x335	1800
C312102	102x117	800			

* Available upon request with a minimum quantity.

Ryltec 2001



RYLTEC 1915- NBR rubber mandrel hose with textile reinforcement with conductive threads.

- Hose for hydrocarbon propulsion, unloading trucks, fuel transfers with a maximum aromatic content of 50%, and oils in return line circuits.
- Standard length: Available in 40 m sections up to Ø 55mm and 20 m sections from Ø 60mm.
- Service Temperature Range: -30°C to +70°C / WP: 16 bar / Diameter tolerance according to ISO130 / Antistatic

Marking: RYLTEC 1915 FUEL & OIL DISCHARGE - WP 16 BAR (240PSI) - Ref. Ø

Part Number	Ø (mm)	Bending Radius (mm)	Part Number	Ø (mm)	Bending Radius (mm)
C306012	13x24	90	C306045	45x58	265
C306016	16x27	125	C306051	51x65	295
C306019	19x31	150	C306055*	55x69	300
C306022	22x34	160	C306060	60x74	310
C306025	25x37	175	C306063	63x77	335
C306028*	28x41	175	C306070	70x84	350
C306030	30x42	180	C306076	76x91	365
C306032	32x44	190	C306080	80x95	395
C306035	35x47	210	C306090	90x105	425
C306038	38x50	245	C306102	102x117	475
C306040	40x53	250	C306110*	110x126	525

* Available upon request with a minimum quantity.

Ryltec 1915



Mandrel Rubber Hose

RYLTEC 2200-NBR rubber mandrel hose with textile reinforcement steel wire spiral.

- Hose for suction and discharge of hydrocarbons, unloading trucks, transfer of fuels with a maximum aromatic content of 50% and of oils in return circuits.
- Standard length: Available in 40 m sections up to Ø51mm and 20 m sections from Ø60mm.
- Service Temperature Range:-30°C to +70°C / WP: 16 bar / Diameter tolerance according to ISO1307 / Antistatic

Marking: RYLTEC 2200 FUEL & OIL SUCTION AND DISCHARGE - WP 16 BAR (240PSI) - Ref. Ø

Part Number	Ø (mm)	Bending Radius (mm)	Part Number	Ø (mm)	Bending Radius (mm)
C313019	19x30	150	C313051	51x63	357
C313025	25x35	175	C313060	60x73	420
C313030	30x40	200	C313070	70x84	490
C313032	32x42	224	C313076	76x90	532
C313035	35x46	245	C313080	80x95	560
C313038	38x49	266	C313090	90x105	630
C313040	40x51	280	C313102	102x118	714
C313045	45x57	315			



Ryltec 2200

RYLTEC CORRUFLEX MULTIPURPOSE - NBR rubber mandrel hose with corrugated textile reinforcement.

- Mandrel hose with corrugated construction and high flexibility. Ideal for suction and propulsion of multiple applications, such as fuel transfer with a maximum aromatic content of 50% and oils in return line circuits. Due to its flexibility, it is also suitable for The wet exhaust of the engine in boats, where a combination of seawater is required, wet diesel and engine heat (peaks of 120°C).
- Standard length: Available in 40 m sections up to Ø 55 mm and in 20 m sections from Ø 60 mm.
- Service Temperature Range: -30°C to +80°C / WP: 10 bar / Diameter tolerance according to ISO1307 / Antistatic

Marking: RYLTEC CORRUFLEX MULTIPURPOSE SUCTION AND DISCHARGE - WP10 BAR (150PSI) - Ref. Ø

Part Number	Ø (mm)	Bending Radius (mm)	Part Number	Ø (mm)	Bending Radius (mm)
C319016	16x26	125	C319051	51x63	300
C319019	19x29	130	C319055*	54x67	350
C319025	25x36	150	C319060	60x72	375
C319030	30x40	175	C319070	70x82	430
C319032	32x42	190	C319076	76x88	465
C319035	35x45	200	C319080	80x92	500
C319040	40x52	235	C319090	90x102	575
C319045	45x57	285	C319102	102x114	650



Ryltec Corrugflex Multipurpose

* Available upon request with a minimum quantity.

RYLTEC 1600 -Conductive NR rubber mandrel hose with textile reinforcement and antistatic copper wire.

- Mandrel hose for anti-abrasive propulsion specifically for sandblasting, shot blasting and gunite at 12 bar.
- Standard length: Available in 40 m sections up to Ø 51 mm and in 20 m sections from Ø 60 mm.
- Service Temperature Range: -30°C to +80°C / WP: 12 bar / Diameter tolerance according to ISO1307 / Antistatic

Marking: RYLTEC 1600 SANDBLASTING - WP12 BAR (175PSI) - Ref. Ø

Part Number	Ø (mm)	Bending Radius (mm)	Part Number	Ø (mm)	Bending Radius (mm)
C307013	13x25	91	C307032	32x48	224
C307016*	16x30	112	C307051*	51x68	357
C307019	19x34	133	C307060	60x80	420
C307025	25x40	175	C307080	80x101	560



Ryltec 1600

* Available upon request with a minimum quantity.



Mandrel Ruber Hose

Ryltec 1610



RYLTEC 1610 - Conductive NR rubber mandrel hose with textile reinforcement and antistatic copper wire.

- Anti-abrasive mandrel hose specifically designed for pumping cement mortar, plaster and concrete at 10 bar.
- Standard length: Available in 40 m sections up to Ø60mm and 20 m sections up to Ø65mm
- Service Temperature Range:-30°C to +80°C / WP: 10 bar / Diameter tolerance according to ISO1307 / Antistatic

Marking: RYLTEC 1610 - DRY BULK & MORTAR DISCHARGE - WP 10 BAR (150PSI) - Ref. Ø

Part Number	Ø (mm)	Bending Radius (mm)
C308051*	51x70	357
C308060*	60x80	420
C308065*	65x85	465

* Available upon request with a minimum quantity.

Ryltec 1640



RYLTEC 1640- Conductive NR rubber mandrel hose for propulsion with textile reinforcement and antistatic

- Anti-abrasive mandrel hose specifically designed for pumping cement mortar, gypsum and concrete at 40 bar.
- Standard length: Available in 40 m sections.
- Service Temperature Range:-30°C to +80°C / WP: 40 bar / Diameter tolerance according to ISO1307 / Antistatic

Marking: RYLTEC 1640 - PLASTER & CONCRETE - WP 40 BAR (600PSI) - Ref. Ø

Part Number	Ø (mm)	Bending Radius (mm)
C309025	25x38	175
C309035*	35x51	274
C309051	51x71	459

* Available upon request with a minimum quantity.

Ryltec 1700



RYLTEC 1700- Conductive NR rubber mandrel hose for propulsion with textile reinforcement.

- Anti-abrasive mandrel hose for delivery and discharge of abrasive products such as cement powder, plaster, sand, and other powdery and abrasive products at 5 bar.
- Standard length: Available in 20m sections.
- Service Temperature Range:-30°C to +80°C / WP: 5 bar / Diameter tolerance according to ISO1307 / Antistatic

Marking: RYLTEC 1700 - DRY CEMENT SILO - WP 5 BAR (75PSI) - Ref. Ø

RYLTEC 1700			RYLTEC 1700-L		
Part Number	Ø (mm)	Bending Radius (mm)	Part Number	Ø (mm)	Bending Radius (mm)
C311076	76x91	750	C310080*	80x92	920
C311080	80x96	850	C310090	90x102	980
C311090	90x106	925	C310100	100x112	1100
C311100	100x116	1050			

* Available upon request with a minimum quantity.

Ryltec 2700



RYLTEC 2700- Conductive NR rubber mandrel hose with textile reinforcement steel wire spiral.

- Mandrel hose with inner hose in conductive NR rubber and anti-abrasive for impulsion and suction, with polyester textile reinforcement. Synthetic rubber outer tube and high strength NR.
- Standard length: Available in 20m sections.
- Service Temperature Range:-30°C to +80°C / WP: 10 bar / Diameter tolerance according to ISO1307 / Antistatic

Marking: RYLTEC 2700 - BULK MATERIAL SUCTION AND DISCHARGE - WP 10 BAR (150PSI) - Ref. Ø

Part Number	Ø (mm)	Bending Radius (mm)	Part Number	Ø (mm)	Bending Radius (mm)
C314090	90x110	900	C314115	115x135	1300
C314100	102x121	1150	C314150	152x171	1500



Mandrel Ruber Hose

RYLTEC 2700 LIGHT CORRUFLEX- NR rubber mandrel hose with corrugated textile reinforcement and steel spiral.

- Anti-abrasive and corrugated construction mandrel hose with great flexibility for suction and propulsion of abrasive materials such as dry cement, plaster, sand and other powdery and abrasive products.
- Standard length: Available in 20m sections.
- Service Temperature Range:-30°C to +70°C / WP: 6 bar / Diameter tolerance according to ISO1307 / Antistatic

Marking: RYLTEC 2700 - LIGHT CORRUFLEX BULK MATERIAL SUCTION AND DISCHARGE - WP 6 BAR (90PSI) - Ref. Ø

Part Number	Ø (mm)	Bending Radius (mm)
C321076	76x88	265
C321102	102x115	355



Ryltec 2700 Light
Corruflex

RYLTEC 2512- EPDM rubber mandrel hose with blue exterior and white interior with textile reinforcement and steel spiral.

- Mandrel hose for suction and discharge of food products, such as milk, wine, beer, 92% alcohol, fruit juice, yogurt. Also for hot air and steam applications at 120°C.
- Standard length: Available in 40 m sections up to Ø 51 mm and 20 m sections from Ø 63 mm.
- Service Temperature Range: -30°C to +120°C / WP: 10 bar / FDA standard title 21 177.2600 / Diameter tolerance according to ISO 1307

Marking: RYLTEC 2512 - MILK TANKER SUCTION AND DISCHARGE - WP 10 BAR (150PSI) - FDA - Ref. Ø

Part Number	Ø (mm)	Bending Radius (mm)	Part Number	Ø (mm)	Bending Radius (mm)
C315019	19x30	130	C315051	51x66	300
C315025	25x38	175	C315063	63x78	400
C315038	38x51	245	C315076	76x89	500
C315040	40x53	250	C315090*	90x105	900
C315045	45x55	290	C315102	102x118	1000



Ryltec 2512

* Available upon request with a minimum quantity.

RYLTEC 2612- NBR rubber mandrel hose with blue exterior and white interior with textile reinforcement and

- Mandrel hose for suction and discharge of food products, such as olive oil, Fatty products, milk, wine, beer, fruit juice, yogurt and 96% alcohol.
- Standard length: Available in 40 m sections.
- Service Temperature Range: -30°C to +80°C / WP: 10 bar / FDA standard title 21 177.2600 / Diameter tolerance according to ISO 1307

Marking: RYLTEC 2612 - FAT FOOD & BEVERAGES SUCTION AND DISCHARGE - WP 10 BAR (150PSI) - FDA - Ref. Ø

Part Number	Ø (mm)	Bending Radius (mm)	Part Number	Ø (mm)	Bending Radius (mm)
C325019	19x31	57	C325051	51x66	153
C325025	25x38	75	C325063	63x78	189
C325032	32x44	96	C325076	76x89	228
C325038	38x51	114	-	-	-



Ryltec 2612



Mandrel Ruber Hose

Ryltec 2316



RYLTEC 2316- EPDM rubber mandrel hose with blue exterior and UHMWPE interior with textile reinforcement and steel spiral.

- Mandrel hose for suction and discharge of food-grade chemicals such as acids, solvents, chlorinated hydrocarbons, ketones and 98% ethyl alcohol.
- Standard length: Available in 40 m sections.
- Service Temperature Range: -20°C to +80°C (or up to 100°C in intermittent use of maximum 30 minutes) / WP: 16 bar / FDA Standard - Title 21 177.2600 / Diameter tolerance according to ISO1307

Marking:  RYLTEC 2316 FDA ACID & CHEMICAL SUCTION AND DISCHARGE - UHMWPE - WP 16 BAR (240PSI) - Ref. Ø

Part Number	Ø (mm)	Bending Radius (mm)	Part Number	Ø (mm)	Bending Radius (mm)
C350019	19x31	75	C350051	51x64	300
C350023	25x37	100	C350063*	63x78	400
C350032	32x46	150	C350076*	76x92	800
C350038	38x52	200			

* Available upon request with a minimum quantity.

Ryltec Corrugflex
Multipurpose Food



RYLTEC CORRUFLEX MULTIPURPOSE FOOD- NBR rubber mandrel hose with blue exterior, white interior, corrugated textile reinforcement and steel spiral

- Mandrel hose with corrugated construction and high flexibility. Ideal for multiple applications. In the food industry, both for suction and propulsion of food products, such as milk, juice fruit, yogurt, wine, beer, olive oil and alcoholic beverages with up to 92% alcohol content.
- Standard length: Available in 40m sections.
- Service Temperature Range: -20°C to +80°C / WP: 10 bar / FDA Standard - Phthalate-Free - Title 21 177.2600 / ISO1307

Marking:  RYLTEC CORRUFLEX MULTIPURPOSE FOOD SUCTION AND DISCHARGE -WP10 BAR (150PSI) - Ref. Ø - FDA - PHTHALATE FREE

Part Number	Ø (mm)	Bending Radius (mm)	Part Number	Ø (mm)	Bending Radius (mm)
C351019*	19x31	65	C351038*	38x51	135
C351025*	25x38	90	C351048*	48x63	165
C351028*	28x41	100	C351052*	52x66	180
C351032*	32x44	110	C351063*	63x80	220

* Available upon request with a minimum quantity.

Ryltec 1158



RYLTEC 1158- Red CR exterior rubber mandrel hose with black EPDM interior and metal mesh reinforcement for steam circulation

- Mandrel hose for steam circulation up to 210°.
- Standard length: Available in 40m sections.
- Service Temperature Range: -30°C to +210°C / WP: 17 bar / Diameter tolerance according to ISO1307

Marking:  RYLTEC 1158 SATURATED STEAM - STEEL WIRE - MAX. 210 C - WP 17 BAR (250PSI) - Ref. Ø

Part Number	Ø (mm)	Bending Radius (mm)	Part Number	Ø (mm)	Bending Radius (mm)
C301013	13x24	130	C301032*	32x46	360
C301016*	16x28	150	C301038*	38x51	380
C301019	19x31	190	C301050*	50x67	500
C311025	25x38	250	-	-	-

* Available upon request with a minimum quantity.



Air Ducting Hose

RYLFLEX MARINA- Grey flexible PVC hose with polyamide fiber (optional fiberglass construction) with steel spiral between layers.

- Highly flexible hose for suction of fumes, air conditioning, steam and hot air up to 100°C
- Standard length: Available in 10m sections.
- Service Temperature Range: from -20°C to +80° C (+120° C tips) / Compression 5:1

Part Number	Ø (mm)	Bending Radius (mm)	Part Number	Ø (mm)	Bending Radius (mm)
C403025*	25	20	C403125*	125	88
C403030*	30	21	C403140*	140	95
C403040*	40	28	C403150*	150	105
C403050*	50	35	C403160*	160	110
C403060*	60	42	C403180*	180	125
C403070*	70	49	C403200*	200	140
C403075*	75	53	C403250*	250	175
C403080*	80	56	C403300*	300	210
C403090*	90	62	C403350*	350	245
C403100*	100	70	C403400*	400	280
C403110*	110	75	C403450*	450	315
C403120*	120	85	C403500*	500	350

* Available upon request



Ryflex Marina

Air Ducting Hose

Ryflex Air



RYLFLEX AIR- Transparent polyurethane hose with copper-plated steel spiral.

- Highly flexible hose for suction of air, dust, and oil fumes. Suitable for industrial applications, wood shavings and abrasive material.
- Standard length: Available in 15m lengths for diameters up to 35mm and in 10m lengths from 40mm. Special format available upon request up to 20 meters. Supplied in boxes.
- Optional: Antistatic and food-grade versions available upon request with a 20% surcharge on the RRP. Customized marking on request with a 10% surcharge on the RRP, please inquire about minimum quantity.
- Thickness: 0.45mm Temp.: -40°C to +90°C. / Compression 5:1

Part Number	Ø (mm)	Bending Radius (mm)	Part Number	Ø (mm)	Bending Radius (mm)
C406025	25	18	C406130	130	90
C406030	30	21	C406140	140	95
C406035	35	26	C406150	150	105
C406040	40	28	C406160	160	112
C406045	45	31	C406170	170	118
C406050	50	35	C406180	180	126
C406060	60	42	C406200	200	140
C406070	70	49	C406225	225	155
C406075	75	53	C406250	250	175
C406080	80	56	C406275	275	200
C406090	90	62	C406300	300	210
C406100	100	70	C406350	350	245
C406110	110	78	C406400	400	280
C406120	120	85	C406450	450	290
C406125	125	88	C406500	500	330

RYLFLEX CYCLONE L- Transparent polyurethane hose with copper-plated steel spiral.

- Flexible suction hose for air, dust, and oil fumes. Suitable for industrial applications wood shavings and abrasive material.
- Standard length: Available in 10-meter sections. Special format available upon request up to 20 meters. It is served in boxes.
- Optional: Antistatic and food-grade versions available upon request with a 20% surcharge on the RRP. Custom marking available upon request with a 10% surcharge on the RRP; please inquire about minimum order quantities.
- Thickness: 0.60mm Temp.: -40°C to +90°C. / Compression 3:1

Part Number	Ø (mm)	Bending Radius (mm)	Part Number	Ø (mm)	Bending Radius (mm)
C407040	40	25	C407140	140	95
C407050	50	30	C407150	150	100
C407060	60	40	C407160	160	105
C407070	70	45	C407180	180	120
C407080	80	50	C407200	200	130
C407090	90	60	C407225*	225	148
C407100	100	65	C407250	250	165
C407110	110	70	C407275*	275	182
C407120	120	75	C407300	300	200
C407125	125	80	-	-	-

* Diameters available upon request

Ryflex Cyclone L



RYLFLEX CYCLONE -Transparent polyurethane hose reinforced with a smooth inner surface with copper-plated steel spiral.

- Air, dust, and oil fume extraction hose. Suitable for industrial applications, shavings. Made of wood and abrasive material. Smooth interior surface to prevent sediment buildup on the walls.
- Standard length: Available in 10-meter sections. Special format available upon request in 15-meter sections. only for diameters up to 60mm.
- Optional: Antistatic and food-grade versions available upon request with a 20% surcharge on the RRP.
- Thickness: 0.70mm Temp.: -40°C to +100°C.

Part Number	Ø (mm)	Bending Radius (mm)	Part Number	Ø (mm)	Bending Radius (mm)
C408025*	25	25	C408120	120	120
C408032*	32	32	C408125	125	125
C408035	35	35	C408130*	130	130
C408040	40	40	C408140	140	140
C408050	50	50	C408150	150	150
C408060	60	60	C408160	160	160
C408070	70	70	C408180*	180	180
C408075	75	75	C408200	200	200
C408080	80	80	C408210	210	210
C408090	90	90	C408250*	250	250
C408100	100	100	C408300*	300	300
C408110	110	110			

* Diameters available upon request



Ryflex Cyclone

RYLFLEX ALPHA PU - Transparent Polyurethane hose reinforced with smooth interior surface with rigid PVC

- Air, dust, and oil fume extraction hose. Suitable for industrial applications, shavings. Made of wood and abrasive material. Smooth interior surface to prevent sediment buildup on the walls.
- Standard length: Available in 20m sections up to Ø160mm and 10m sections from Ø200mm.
- Optional: Antistatic version available upon request with a 20% surcharge on the RRP.
- Thickness: 0.60mm Temp.: -30°C to +80°C.

Part Number	Ø (mm)	Bending Radius (mm)	Part Number	Ø (mm)	Bending Radius (mm)
C409020	20	30	C409090	90	137
C409025*	25	37	C409100	100	153
C409030*	30	40	C409110	110	167
C409040	40	62	C409120	120	182
C409045*	45	67	C409140*	140	212
C409050	50	77	C409150	150	227
C409060	60	92	C409160*	160	242
C409070*	70	107	C409180*	180	274
C409075	75	114	C409200	200	305
C409080	80	124	C409250	250	385

* Diameters available upon request



Ryflex Alfa PU



Air Ducting Hose

RYLFLEX TORNADO - Transparent Polyurethane hose reinforced with galvanised steel spiral covered with white PVC.

- Air, dust, and oil fume extraction hose. Suitable for industrial applications, shavings. Made of wood and abrasive material. Smooth interior surface to prevent sediment buildup on the walls.
- Standard length: Available in 10-meter sections. Special format available upon request in 15-meter sections.
- Optional: The following versions are available upon request with a 20% surcharge on the RRP.
 - AE version: Resistant to hydrolysis and microbes, non-toxic and food grade according to FDA and EU regulations.
 - AS version: Antistatic ($R \leq 108$ Ohms according to TRBS 2153)
 - EL version: Electrically conductive ($R \leq 104$ according to TRBS 2153)
- Thickness: 0.9 mm - 1.5 mm Temp.: -40°C to +100°C.

Part Number	Ø (mm)	Bending Radius (mm)	Part Number	Ø (mm)	Bending Radius (mm)
C410040	40	60	C410110	120	180
C410050	50	75	C410140	140	215
C410060	60	90	C410150	150	225
C410070	70	105	C410160	160	240
C410080	80	120	C410200	200	300
C410090	90	135	C410300*	300	450
C410100	100	150	C410400*	400	600

* Diameters available upon request

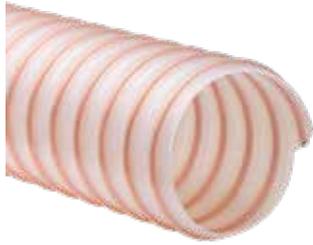
RYLFLEX SUPER- Transparent polyurethane hose reinforced with inner surface smooth with copper-plated steel spiral.

- Air, dust, and oil fume extraction hose. Suitable for industrial applications, shavings. Made of wood and abrasive material. Smooth interior surface to prevent sediment buildup on the walls.
- Standard length: Available in 15-meter sections for diameters up to 80mm and in 10-meter sections Starting from diameters of 90mm. Special format available upon request up to 25 meters.
- Optional: Special fabrications available that are resistant to hydrolysis and microbes, non-toxic, and food-grade. Compliant with FDA and EU regulations. Available upon request with a 20% surcharge on the retail price.
 - AS version: Antistatic ($R \leq 108$ Ohms according to TRBS 2153)
 - EL version: Electrically conductive ($R \leq 104$ according to TRBS 2153)
- Thickness: 1.40mm Temp.: -40°C to +100°C.

Part Number	Ø (mm)	Bending Radius (mm)	Part Number	Ø (mm)	Bending Radius (mm)
C411030*	30	45	C411120*	120	180
C411032*	32	48	C411125*	125	188
C411040	40	60	C411130*	130	195
C411045*	45	68	C411140*	140	210
C411050	50	75	C411150*	150	225
C411055*	55	82	C411160*	160	240
C411060*	60	90	C411180*	180	270
C411070*	70	105	C411200*	200	300
C411075*	75	115	C411225*	225	338
C411080	80	120	C411250*	250	375
C411090*	90	135	C411275*	275	410
C411100	100	150	C411300*	300	450
C411110*	110	165	-	-	-

* Diameters available upon request

Rylflex Tornado



Rylflex Super



RYLFLEX NEOPRENE I- Fibreglass hose with neoprene coating and galvanised steel spiral.

- Suction hose for fumes, hot air, gases up to 130°C and for the automotive industry, airway and naval.
- Standard length: Available in 4-meter sections.
- Temp.: from -55°C to +130°C.(peaks of 150°C).

Part Number	Ø (mm)	Bending Radius (mm)	Part Number	Ø (mm)	Bending Radius (mm)
C413041*	41	13	C413102	102	35
C413050	51	16	C413114	114	40
C413055*	55	18	C413121	121	44
C413060*	60	20	C413127*	127	46
C413065*	65	22	C413140*	140	48
C413070*	70	24	C413165*	165	55
C413076*	76	27	C413203*	203	68
C413080*	80	28	C413229*	229	84
C413089	89	29	C413254*	254	102

* Diameters available upon request



Ryflex Neoprene I

RYLFLEX NEOPRENE II- Double layer fibreglass hose with neoprene coating and galvanised steel spiral

- Suction hose for fumes, hot air, gases up to 130°C and for the automotive industry, railway and naval.
- LonStandard length: Available in 4-meter sections.
- Temp.: from -55°C to +130°C. (150°C tips).

Part Number	Ø (mm)	Bending Radius (mm)	Part Number	Ø (mm)	Bending Radius (mm)
C414025*	25	15	C414080*	80	40
C414032*	32	16	C414089*	89	44
C414041*	41	19	C414102*	102	52
C414050*	51	24	C414120*	121	61
C414055*	55	27	C414127*	127	64
C414060*	60	31	C414152*	152	75
C414063*	63	31	C414160*	160	80
C414065*	65	31	C414200*	200	101
C414076*	76	38	C414229*	229	125

* Diameters available upon request



Ryflex Neoprene II

Air Ducting Hose

RYLFLEX SILICONE I- Fibreglass hose with silicone coating and galvanised steel spiral

- Suction hose for fumes, hot air, gases up to 250°C and for the automotive industry, railway and naval.
- Standard length: Available in 4-meter sections.
- Optional: Special blue construction for installation on railway vehicles compliant with DIN 5510-2, ISO 5659-2 and ISO 19702.
- Service Temperature Range: from -40°C to +270°C. (tips of 300°C).

Part Number	Ø (mm)	Bending Radius (mm)	Part Number	Ø (mm)	Bending Radius (mm)
C415025*	25	8	C415089*	89	29
C415032*	32	10	C415102	102	35
C415038*	38	12	C415114	114	40
C415041	41	13	C415120*	120	43
C415044*	44	14	C415127*	127	46
C415051	51	16	C415140*	140	48
C415055*	55	18	C415152	152	51
C415060	60	20	C415160*	160	53
C415063	63	22	C415165*	165	55
C415070*	70	24	C415180*	180	60
C415076*	76	27	C415203*	203	68
C415080	80	28	C415229*	229	84
C415083*	83	28	C415254*	254	103
			C415305*	305	123

* Diameters available upon request

RYLFLEX SILICONE II- Double layer fibreglass hose with silicone coating and galvanised steel spiral.

- Suction hose for fumes, hot air, gases up to 250°C and for the automotive industry, railway and naval.
- Standard length: Available in 4-meter sections.
- Optional: Special blue productions for installation in railway vehicles according to DIN 5510-2, ISO 5659-2 and ISO 19702 standards
- Service Temperature Range: from -40°C to +270°C. (Peaks of 300°C).

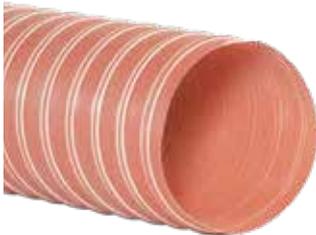
Part Number	Ø (mm)	Bending Radius (mm)	Part Number	Ø (mm)	Bending Radius (mm)
C416032*	32	16	C416089	89	44
C416038*	38	18	C416102	102	52
C416041	41	19	C416114*	114	57
C416044	44	21	C416120*	120	61
C416051	51	24	C416127*	127	64
C416055*	55	28	C416140*	140	70
C416060	60	31	C416152	152	75
C416063*	63	31	C416160	160	80
C416065*	65	31	C416165*	165	83
C416070	70	35	C416180*	180	90
C416076	76	38	C416203	203	101
C416080	80	40	C416254*	254	150
			C416305*	305	210

* Diameters available upon request

Ryflex Silicone I



Ryflex Silicone II



RYLFLEX SP SILICONE- Grey silicone hose with external galvanized steel spiral.

- Suction hose for fumes, hot air, gases up to 300°C and for the automotive industry, ailway and naval.
- Standard length: Available in 10m lengths for 45mm and 60mm diameters. Other diameters available in 3 and 6 meter sections.
- Service Temperature Range: from -60°C to +300°C.

Part Number	Ø (mm)	Bending Radius (mm)	Part Number	Ø (mm)	Bending Radius (mm)
C421045	45	28	C421076*	76	45
C421050*	50	30	C421080*	80	48
C421060	60	36	C421100*	100	60

* Diameters available upon request



Ryflex SP Silicone

RYLFLEX SANTOPRENE- Thermoplastic rubber hose with galvanized steel spiral.

- Hose for extracting fumes, hot air, and vapors, resistant to acids and solvents. Suitable for for exhaust gas aspiration.
- Standard length: Available in 10m sections. Also available in 6m and 15m sections upon request.
- Service Temperature Range: from -40°C to +150°C.

Part Number	Ø (mm)	Bending Radius (mm)	Part Number	Ø (mm)	Bending Radius (mm)
C419020*	20	20	C419090*	90	90
C419025	25	25	C419100	100	100
C419030	30	30	C419120*	120	120
C419040*	40	40	C419140*	140	140
C419050	50	50	C419150*	150	150
C419055*	55	55	C419180*	180	180
C419060	60	60	C419200*	200	200
C419070*	70	70	C419215*	215	215
C419075*	75	75	C419250*	250	250
C419080	80	80	C419400*	400	400

* Diameters available upon request



Ryflex Santoprene

Suction Hose



YELLOW RYLASPIR - Flexible yellow non-toxic PVC hose with transparent rigid PVC spiral for suction and discharge.

- Hoses for liquids, bilge pumps, drains,...
- Standard length: Available in 50m/25m sections up to Ø 80mm; in 30m sections between Ø 90 and 125mm; in 20m sections for Ø 150mm
- Service Temperature Range: -20°C to +60°C

Part Number	Ø Int. (mm)	Ø Ext. (mm)	WP (bar)	Vacuum (bar)	Part Number	Ø Int. (mm)	Ø Ext. (mm)	WP (bar)	Vacuum (bar)
C801020	20	24.5	8.5	0.6	C801065	65	73.5	5	0.6
C801025	25	31	8.5	0.6	C801070	70	79	5	0.6
C801030	30	36	8	0.6	C801075	75	84	4.5	0.6
C801032	32	37	7.5	0.6	C801080	80	90	4.5	0.6
C801035	35	42	7.5	0.6	C801090	90	100	4	0.6
C801040	40	47	7	0.6	C801100	100	110	3.5	0.6
C801045	45	53	6.5	0.6	C801110	110	121	3.5	0.6
C801050	50	58	6	0.6	C801125	125	137	2.5	0.6
C801055	55	62	5.5	0.6	C801150	150	165	2	0.6
C801060	60	68	5.5	0.6	-	-	-	-	-

Yellow Rylaspir



YELLOW RYLASPIR L - Lightweight food-grade flexible PVC hose with rigid PVC spiral for suction and discharge

- Specifically designed for transferring food liquids, bilge pumps, drains, etc.
- Standard length: Available in 50m lengths up to Ø 80mm; in 30m lengths between Ø 90 and 100mm
- Service Temperature Range: -5°C to +60°C

Part Number	Ø Int. (mm)	Ø Ext. (mm)	WP (bar)	Vacuum (bar)	Part Number	Ø Int. (mm)	Ø Ext. (mm)	WP (bar)	Vacuum (bar)
C816020	20	24	7	0.7	C816060	60	67	4	0.6
C816025	25	30	7	0.6	C816065*	65	73	4	0.6
C816030	30	35	6	0.6	C816070	70	78	3	0.6
C816032*	32	37	6	0.6	C816075	75	83	3	0.6
C816035	35	40	5	0.6	C816080	80	89	3	0.6
C816040	40	45	5	0.6	C816090	90	99	3	0.6
C816045	45	51	5	0.6	C816100	100	109	3	0.6
C816050	50	57	4	0.6					

* Available upon request with a minimum quantity.

Yellow Rylaspir L



REINFORCED GREY RYLASPIR - Flexible PVC hose for suction and discharge with reinforced rigid PVC spiral.

- Hose for industrial use (sludge, sand, cement powder,...), agricultural use (transport of grains, fertilizer,...) and drainage.
- Standard length: Available in 25/50m sections up to Ø 80mm; in 30m sections between Ø 90 and 125mm; in 20m sections for Ø 150mm and 10m sections for Ø 200mm
- Service Temperature Range: -10°C to +60°C

Part Number	Ø Int. (mm)	Ø Ext. (mm)	WP (bar)	Vacuum (bar)	Part Number	Ø Int. (mm)	Ø Ext. (mm)	WP (bar)	Vacuum (bar)
C802040	40	51	9.5	0.8	C802090	90	105	5.5	0.8
C802045	45	56	9.5	0.8	C802100	100	117	5	0.8
C802050	50	62	8.5	0.8	C802110	110	127	4.5	0.8
C802060	60	73	7.5	0.8	C802125	125	143	3.5	0.8
C802070	70	84	6.5	0.8	C802150	150	172	3	0.8
C802075	75	89	6.5	0.8	C802200	200	227	2.5	0.8
C802080	80	94	6.5	0.8					



Reinforced Grey Rylaspir

RYLASPIR METALLIC - Transparent flexible PVC hose for suction and discharge with galvanized steel wire.

- Transparent hose for irrigation, transferring grains, fertilizers,...
- Standard length: Available in 50m sections up to Ø 35mm and in 30m sections from Ø 38mm.
- Service Temperature Range: -5°C to +65°C

Part Number	Ø Int. (mm)	Ø Ext. (mm)	WP (bar)	Vacuum (bar)	Part Number	Ø Int. (mm)	Ø Ext. (mm)	WP (bar)	Vacuum (bar)
C803010	10	16.5	7	0.90	C804038	38	47	4	0.90
C803012	12	18.5	7	0.90	C804040	40	50	4	0.90
C803014	14	20.5	6	0.90	C804045	45	56	4	0.80
C803016	16	23	6	0.90	C804050	50	60	4	0.80
C803018	18	25	6	0.90	C804055	55	67	4	0.75
C803020	20	26	5	0.90	C804060	60	70	4	0.70
C803025	25	32	5	0.90	C804075	75	85	3	0.70
C803030	30	39	4	0.90	C804080	80	91	3	0.70
C803032	32	40	4	0.90	C804090	90	106	3	0.60
C803035	35	43	4	0.90	C804100	100	113	3	0.60



Rylaspir Metallic

RYLASPIR METALLIC AL- Transparent PVC suction and delivery hose flexible with galvanized steel wire.

- Transparent hose for food use (dairy, water, wine,...)
- Standard length: Available in 50m lengths up to Ø 50mm and in 30m lengths from Ø 55mm*
- Service Temperature Range: -5°C to +60°C / According to EU food standard 10/2011

Part Number	Ø Int. (mm)	Ø Ext. (mm)	WP (bar)	Vacuum (bar)	Part Number	Ø Int. (mm)	Ø Ext. (mm)	WP (bar)	Vacuum (bar)
C821010*	10	15.5	7	0.90	C821045	45	55	3	0.80
C821012*	12	18	7	0.90	C821050	50	60	3	0.80
C821016	16	22	6	0.90	C821055*	55	67	3	0.80
C821020	20	27	5	0.90	C821060	60	72	2.5	0.70
C821025	25	33	5	0.90	C821070*	70	83	2	0.70
C821030	30	38	4	0.90	C821075*	75	89	2	0.70
C821032	32	41	4	0.90	C821080*	80	93	2	0.70
C821035	35	44	4	0.90	C821090*	90	103	2	0.60
C821038	38	48	4	0.90	C821100*	100	116	2	0.60
C821040	40	50	3	0.90					



Rylaspir Metallic AL

* Diameters available upon request



Suction Hose

Tigerflex THT



TIGERFLEX THT- EPDM hose with steel wire reinforcement for discharge - suction

- Hose for transporting high-strength abrasive materials. Used in transport of liquid agricultural fertilizers, in trucks for the sewer service collection of fly ash, Hydro excavation, industrial vacuum equipment and suction of rock, gravel, sand and crushed concrete
- **Standard Length:** Available in 30.5m lengths
- **Service Temperature Range:** -40°C to 104°C

Part Number	Code	Ø Int. (mm)	Ø Ext. (mm)	WP (bar)
C463076	THT-300X100	76.1	91.2	2.5
C463101	THT-400X100	101.6	117.6	2.0
C463152*	THT-600X100	152.4	174.5	1.3

* Diameter available upon request

Tigerflex EHGR



TIGERFLEX EHGR- PVC hose for suction and discharge.

- Hose for use with liquid agricultural fertilizer, airflow planting lines, drainage lines, irrigation, drainage pumps and suction of garbage, rock dust and water in general.
- **Standard length:** Available in 30.5m sections
- **Service Temperature Range:** -20°C to 65°C

Part Number	Ø Int. (mm)	Ø Ext. (mm)	WP (bar)
C811051	50.8	63.8	4.1
C811076	76.2	91.5	4.1
C811102	101.6	119.5	3.4
C811152	152.4	171.4	2.4

Tigerflex TY



TIGERFLEX TY- EPDM hose with polyethylene helix for suction and discharge.

- Hose for use with liquid agricultural fertilizers, irrigation lines, transport of liquid manure, Bilge discharge from boats, pumps, water, drains, garbage collection, septic water and wastewater, wastewater disposal in fracking processes and water suction in general.
- **Standard length:** Available in 30.5m sections
- **Service Temperature Range:** -40°C to 70°C

Part Number	Code	Ø Int. (mm)	Ø Ext. (mm)	WP (bar)
C812051	TY-200X100	50.8	63.8	3.4
C812076	TY-300X100	76.2	91.5	3.1
C812102	TY-400X100	101.6	119.5	2.8



Hose Piranha

Solutions for Sewer Cleaning - Piranha



Sewer cleaning hose

Piranha® sewer cleaning hoses are a benchmark for quality and reliability in the industry. Piranha® Hose Products is a pioneering company in the development of reinforced high-pressure hoses for sewer and drain applications.

PIRANHA SLITHER® 250 BAR- SLIHPMA Series - Sliding hose for sewer cleaning.

- Piranha® high-pressure hose (250 bar) for sewer cleaning, made with a yellow polyolefin inner tube, two braids of high-traction synthetic fibers and a maroon abrasion-resistant polyurethane cover. The cover is a Slither® type with a low coefficient of friction, which allows the hoses to be used in sewers with difficult bends.
- Standard length: Available in 50m, 75m, 100m and 150m lengths. For other specific lengths consult with Tipsa.
- Maximum Service Pressure: 250 bar / Minimum Bursting Pressure: 624 bar

Part Number	Code	Ø (inches)	Øint x Øext (mm)	Bending Radius (mm)	Weight (kg/m)	Maximum Temp. (°C)
C245013	SLIHPMA-08	1/2	12.7 x 21.2	101.6	0.24	88
C245019	SLIHPMA-12	3/4	19.1 x 30.0	127.0	0.43	65
-	SLIHPMA-16	1	25.4 x 37.6	203.2	0.61	65

Hose Attachment*

Hose Attachment Code	Length (m)	Ø (inches)
C240013	50	1/2
C240019	80	3/4
C240025	80	1

* Hose coupled with one male end with BSPP thread and one female swivel end with BSPP thread and 60° cone



Male coupling with BSPP thread

Female swivel coupling with

Piranha Slither® 250 BAR
- SLIHPMA Series

PIRANHA SLITHER® 200 BAR - SLISPBU Series - Sliding Cleaning Hose of sewage.

- Piranha® high-pressure hose (200 bar) for sewer cleaning, made with a seamless yellow thermoplastic inner tube, double braided reinforcement of high-traction synthetic fibers and a blue abrasion-resistant polyurethane cover. The cover is a Slither® type with a low coefficient of friction, which allows the hoses to be used in sewers with difficult bends.
- Standard length: Available in 50m, 75m, 100m and 150m lengths. For other specific lengths consult with Tipsa.
- Maximum Service Pressure: 200 bar / Minimum Bursting Pressure: 500 bar

Part Number	Code	Ø (inches)	Øint x Øext (mm)	Bending Radius (mm)	Weight (kg/m)	Maximum Temp. (°C)
C245005	SLISPBU-03	3/16	4.8 x 10.5	44.5	0.074	71



Piranha Slither® 200 BAR
- SLISPBU Series



Hose Piranha

Couplings for Sewer Hose

The use of couplings or pressing/coupling machinery not supplied by Piranha® is the responsibility and risk of the user.

Male Coupling with BSPP Thread

Coupling Assembly Male + Cap Pressing



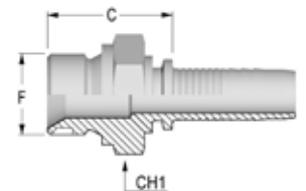
Male coupling

Male coupling with BSPP thread

- Male steel coupling with BSPP thread (parallel BSP thread) and 60° seat.

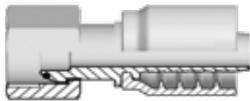
Part Number	Code	Hose diameter (inches)	F thread (inches TPI)	C - Cutting Factor (mm)	Ø ext Hexagonal CH1 (mm)	Weight (kg)
C703005	A-0302-MBPP	3/16	1/8 - 28	21.3	14	18
C703013	A-0808-MBPP	1/2	1/2 - 14	32.1	27	91
C703019	A-1212-MBPP	3/4	3/4 - 14	34.6	32	141
C703025*	D-1616-MBPP	1	1 - 11	40.4	41	458

* The 1" coupling incorporates the crimping sleeve.



Dimensions Male Coupling

Female Swivel Coupling with BSPP Thread



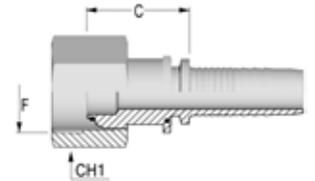
Coupling Female Swivel

Female Swivel Coupling with BSPP Thread

- Female swivel coupling in steel with BSPP thread (parallel BSP thread), 60° cone and with O-ring for sealing.

Part Number	Code	Hose diameter (inches)	F thread (inches TPI)	C - Cutting Factor (mm)	Ø ext Hexagonal CH1 (mm)	Weight (kg)
C704005	A-0302-FBPO	3/16	1/8 - 28	13.5	14	14
C704013	A-0808-FBPO	1/2	1/2 - 14	18.0	27	73
C704019	A-1212-FBPO	3/4	3/4 - 14	20.6	32	118
C704025*	D-1616-FBPO	1	1 - 11	23.9	38	395

* The 1" coupling incorporates the crimping ferrule.



Dimensions of Swivel Female Coupling

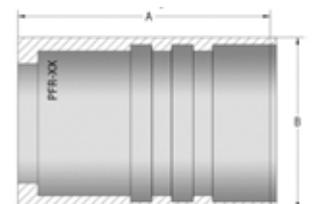
Crimping Ferrule



Crimping Ferrule

- Steel crimping ferrule.

Part Number	Code	Ø Hose (inches)	A (mm)	B (mm)	Weight (kg)
C704105	PFR-03	3/16	24.0	14.9	14
C704113	PFR-08	1/2	36.0	25.4	27
C704119	AF4-12	3/4	39.5	42.0	127



Portable Hose Press and Accessories

Portable Hose Press P400

The P400 portable pressing machine is very lightweight, allowing for easy transport to wherever its service is required. It can easily be fitted with a manual pump, a pneumatic pump, or an electric pump.

Designed to meet the following needs:

- 35 tons of pressing force.
- Suitable for hoses up to 1" in diameter (double coiled hoses) and up to 3/4" (hoses with 4 layers of spiral steel).
- Available with ValPower® manual pump, 690 bar pneumatic pump or electric pump.
- The removable pusher and the 2-piece KD100 rubber jaw set facilitate positioning and precise adjustment, even under harsh working conditions.
- Color-coded rubber jaws for easy identification.
- The mounting holes in the base allow the pressing machine to be mounted on a bench or on a truck platform if necessary.
- Reliable and durable design, providing great profitability.
- The machine's position can be adjusted for both optimal pressing and improved balance during transport.
- Open design to provide excellent visibility to the operator.
- Full range of clamps and accessories available.

Part Number	Code	Height (cm)	Width (cm)	Weight (kg)	Crimping Force (Tons)	Ø max Hose (inches)
C790100	PHP400	61	32	21.3	35	1



Portable Hose Press P400

Hand Pump - For Portable Hose Press P400

- 2-speed manual hydraulic pump for portable hose press P400.

Part Number	Code
C790110	VHP-10-25



Hand Pump



Hose Piranha

Pneumatic Pump



Pneumatic Pump - For Portable Hose Press P400

- Easy to use 690 bar pneumatic pump for for portable hose press P400.

Part Number	Code
C790120	VAP-10-100

Electric Pump



Electric Pump - For Portable Hose Press P400

- Easy-to-use electric pump for P400 portable pressing machine.

Part Number	Code
C790130	VEP-1001

Cage Dies - For P400 Portable Hose Press

- Rubber cage dies in different colours and sizes for P400 portable hose press.

Cage Dies



Part Number	Code	Hose / Coupling Diameter (inches)	Colour	Ø Caged Die (mm)	Weight (g/unit)
C790150	KD100-12/PURPLE	3/16	Violet	12	2.59
C790155	KD100-22/BLUE	1/2	Blue	22	2.27
C790160	KD100-34/RED	3/4	Red	34	2.00
C790165	KD100-41/SILVER	1	Silver Gray	41	1.63



Couplings Camlock

FIXED CAMLOCK WITH FEMALE THREAD - TYPE A

Aluminum			Brass		
Part Number	ND	Ø R. Int.	Part Number	ND	Ø R. Int.
C746500	15	1/2"	C746501	15	1/2"
C746510	20	¾"	C746511	20	¾"
C746520	25	1"	C746521	25	1"
C746532	32	1¼"	C746531	32	1¼"
C746540	40	1½"	C746541	40	1½"
C746550	50	2"	C746551	50	2"
C746560	65	2½"	C746561	65	2½"
C746570	80	3"	C746571	80	3"
C746580	100	4"	C746581*	100	4"
C746590	125	5"			
C746600	150	6"			
C749225	200	8"			

* Made upon request

316 Stainless Steel			Polypropylene		
Part Number	ND	Ø R. Int.	Part Number	ND	Ø R. Int.
C746502	15	1/2"	C746503	15	1/2"
C746512	20	¾"	C749772	20	1/2"
C746522	25	1"	C746513	20	¾"
C746530	32	1¼"	C746523	25	1"
C746542	40	1½"	C746533	32	1¼"
C746552	50	2"	C746536	40	1¼"
C746562	65	2½"	C746543	40	1½"
C746572	80	3"	C746553	50	2"
C746582	100	4"	C746573	80	3"
C746592	125	5"	C746583	100	4"
C746602	150	6"	-	-	-



Fixed Camlock with Thread
Female - Type A

Couplings

Fixed Camlock with Thread
Male - Type B



Fixed Camlock with Thread
Hose - Type C



FIXED CAMLOCK WITH MALE THREAD - TYPE B

Aluminum		
Part Number	ND	Ø R. Ext.
C746750	15	1/2"
C746760	20	3/4"
C746770	25	1"
C746850	32	1 1/4"
C746780	40	1 1/2"
C746790	50	2"
C746840	65	2 1/2"
C746800	80	3"
C746810	100	4"
C746820	125	5"
C746830	150	6"

Brass		
Article	ND	Ø R. Ext.
C746751	15	1/2"
C746761	20	3/4"
C746771	25	1"
C746851	32	1 1/4"
C746781	40	1 1/2"
C746791	50	2"
C746841*	65	2 1/2"
C746801*	80	3"
C746811*	100	4"

* Made upon request

316 Stainless Steel		
Part Number	ND	Ø R. Ext.
C746752	15	1/2"
C746762	20	3/4"
C746772	25	1"
C746852	32	1 1/4"
C746782	40	1 1/2"
C746792	50	2"
C746842	65	2 1/2"
C746802	80	3"
C746812	100	4"
C746822	125	5"
C746835	150	6"

Polypropylene		
Article	ND	Ø R. Ext.
C746753	15	1/2"
C749775	20	1/2"
C746763	20	3/4"
C746773	25	1"
C746853	32	1 1/4"
C749764	40	1 1/4"
C746783	40	1 1/2"
C746793	50	2"
C746803	80	3"
C746815	100	4"
-	-	-

FIXED CAMLOCK FOR HOSE - TYPE C

Aluminum		
Part Number	ND	Hose diameter (mm)
C748070	15	15
C748090	20	21
C748100	25	27
C748110	32	34
C748067	40	41
C748120	50	53
C748130	65	67
C748140	80	79
C748150	100	105
C748160	125	130
C748170	150	155

Brass		
Article	ND	Hose diameter (mm)
C748071	15	16
C748091	20	21
C748101	25	27
C748111	32	34
C748068	40	40
C748121	50	51
C748131*	65	64
C748141	80	76
C748151	100	103

* Made upon request

316 Stainless Steel		
Part Number	ND	Hose diameter (mm)
C748072	15	15
C748092	20	21
C748102	25	27
C748112	32	34
C748066	40	41
C748122	50	53
C748132	65	67
C748142	80	79
C748152	100	105
C748162	125	130
C748172	150	155

Polypropylene		
Article	ND	Hose diameter (mm)
C748073	15	16
C749773	20	16
C748093	20	21
C748103	25	27
C748113	32	34
C749793	40	34
C748069	40	40
C748123	50	51
C748143	80	76
C748145	100	103
-	-	-

FIXED CAMLOCK FOR HOSE WITH SNAPED SPIGOT - TYPE C

Aluminum			316 Stainless Steel		
Part Number	ND	Hose diameter (mm)	Part Number	ND	Hose diameter (mm)
C748700	25	25	C748720	25	25
C748701	32	32	C748722	40	38
C748702	40	38	C748723	50	51
C748703	50	51	C748725	80	76
C748705	80	76	C748726	100	99
C748706	100	99			
C748708	150	153			



Fixed Camlock for Hose with Grooved Spike - Type C

FIXED CAMLOCK WITH FEMALE THREAD - TYPE D

Aluminum			Brass		
Part Number	ND	Ø R. Int.	Part Number	ND	Ø R. Int.
C746990	15	1/2"	C746991	15	1/2"
C747000	20	3/4"	C747001	20	3/4"
C747010	25	1"	C747011	25	1"
C747070	32	1 1/4"	C747071	32	1 1/4"
C747020	40	1 1/2"	C747021	40	1 1/2"
C747030	50	2"	C747031	50	2"
C747040	65	2 1/2"	C747041	65	2 1/2"
C747050	80	3"	C747051	80	3"
C747060	100	4"	C747064*	100	4"
C749723	125	5"			
C747080	150	6"			
C749724	200	8"			

* Made upon request



Fixed Camlock with Thread Female - Type D

316 Stainless Steel			Polypropylene		
Part Number	ND	Ø R. Int.	Part Number	ND	Ø R. Int.
C746992	15	1/2"	C746993	15	1/2"
C747002	20	3/4"	C749771	20	1/2"
C747012	25	1"	C747003	20	3/4"
C747072	32	1 1/4"	C747013	25	1"
C747022	40	1 1/2"	C747073	32	1 1/4"
C747032	50	2"	C747016	40	1 1/4"
C747042	65	2 1/2"	C747023	40	1 1/2"
C747052	80	3"	C747033	50	2"
C747062	100	4"	C747053	80	3"
C747074	125	5"	C747066	100	4"
C747081	150	6"	-	-	-

Couplings

Fixed Camlock with Thread
Hose - Type E



FIXED CAMLOCK FOR HOSE - TYPE E

Aluminum		
Part Number	ND	Hose diameter (mm)
C749000	15	15
C749010	20	21
C749020	25	27
C749030	32	34
C749040	40	41
C749050	50	53
C749060	65	67
C749070	80	79
C749080	100	105
C749090	125	130
C749100	150	155

Brass		
Part Number	ND	Hose diameter (mm)
C749001	15	16
C749011	20	21
C749021	25	27
C749031	32	34
C749041	40	40
C749051	50	51
C749061	65	64
C749071	80	76
C749081	100	103

316 Stainless Steel		
Part Number	ND	Hose diameter (mm)
C749002	15	15
C749012	20	21
C749022	25	27
C749032	32	34
C749042	40	41
C749052	50	53
C749062	65	67
C749072	80	79
C749082	100	105
C749718	125	130
C749719	150	155

Polypropylene		
Part Number	ND	Hose diameter (mm)
C749003	15	16
C749774	20	16
C749013	20	21
C749023	25	27
C749033	32	34
C749763	40	34
C749043	40	40
C749053	50	51
C749073	80	76
C749074	100	103
-	-	-

Fixed Camlock for Hose
with grooved spike - type E



FIXED CAMLOCK FOR HOSE WITH SNAPED SPIGOT - TYPE E

Aluminum		
Part Number	ND	Hose diameter (mm)
C748710	25	25
C748711	32	31.5
C748712	40	38
C748713	50	51
C748715	80	76
C748716	100	99
C748718	150	154

316 Stainless Steel		
Part Number	ND	Hose diameter (mm)
C748730	25	25
C748732	40	38
C748733	50	51
C748735	80	76
C748736	100	99



FIXED CAMLOCK WITH MALE THREAD - TYPE F

Aluminum			Brass		
Part Number	ND	Ø R. Ext.	Part Number	ND	Ø R. Ext.
C749200	15	1/2"	C749201	15	1/2"
C749210	20	¾"	C749211	20	¾"
C749220	25	1"	C749221	25	1"
C749230	32	1¼"	C749231	32	1¼"
C749240	40	1½"	C749241	40	1½"
C749250	50	2"	C749251	50	2"
C749260	65	2½"	C749261	65	2½"
C749270	80	3"	C749271	80	3"
C749280	100	4"	C749281*	100	4"
C749290	125	5"			
C749300	150	6"			
C749720	200	8"			

* Made upon request

316 Stainless Steel			Polypropylene		
Part Number	ND	Ø R. Ext.	Part Number	ND	Ø R. Ext.
C749202	15	1/2"	C749203	15	1/2"
C749212	20	¾"	C749770	20	1/2"
C749222	25	1"	C749213	20	¾"
C749232	32	1¼"	C749223	25	1"
C749242	40	1½"	C749233	32	1¼"
C749252	50	2"	C749789	40	1¼"
C749262	65	2½"	C749243	40	1½"
C749272	80	3"	C749253	50	2"
C749282	100	4"	C749273	80	3"
C749292	125	5"	C749283	100	4"
C749721	150	6"	-	-	-



Fixed Camlock with Thread
Male - Type F

CAMLOCK PLUG - DC TYPE

Aluminum			Brass		
Part Number	ND	Ø (in.)	Part Number	ND	Ø (in.)
C749500	15	1/2"	C749490	15	1/2"
C749510	20	¾"	C749511	20	¾"
C749520	25	1"	C749521	25	1"
C749530	32	1¼"	C749531	32	1¼"
C749540	40	1½"	C749541	40	1½"
C749550	50	2"	C749551	50	2"
C749560	65	2½"	C749561	65	2½"
C749570	80	3"	C749751	80	3"
C744958	100	4"	C749581	100	4"
C749590	125	5"			
C749601	150	6"			
C749722*	200	8"			

* Made upon request

316 Stainless Steel			Polypropylene		
Part Number	ND	Ø (in.)	Part Number	ND	Ø (in.)
C749499	15	1/2"	C749747	15	1/2"
C749512	20	¾"	C749513	20	¾"
C749522	25	1"	C749523	25	1"
C749532	32	1¼"	C749533	32	1¼"
C749542	40	1½"	C749543	40	1½"
C749552	50	2"	C749553	50	2"
C749562	65	2½"	C749573	80	3"
C749777	80	3"	*	100	4"
C749582	100	4"	-	-	-
C749592	125	5"	-	-	-
C749602	150	6"	-	-	-

* Made upon request



Camlock Plug
DC Type



Couplings

Camlock Cap Fitting - Type DP



CAMLOCK CAP FITTING - TYPE DP

Aluminum			Brass		
Part Number	ND	Ø (in.)	Part Number	ND	Ø (in.)
C749350	15	1/2"	C749355	15	1/2"
C749360	20	3/4"	C749361	20	3/4"
C749370	25	1"	C749373	25	1"
C749380	32	1 1/4"	C749381	32	1 1/4"
C749390	40	1 1/2"	-	40	1 1/2"
C749400	50	2"	C749401	50	2"
C749410	65	2 1/2"	C749404*	65	2 1/2"
C749420	80	3"	C749752	80	3"
C749428	100	4"	*	100	4"
*	125	5"	* Made upon request		
C749446	150	6"			
*	200	8"			

316 Stainless Steel			Polypropylene		
Part Number	ND	Ø (in.)	Part Number	ND	Ø (in.)
C749353	15	1/2"	C749357	15	1/2"
C749362	20	3/4"	C749603	20	3/4"
C749372	25	1"	C749769	25	1"
C749382	32	1 1/4"	C749669	32	1 1/4"
C749392	40	1 1/2"	C749393	40	1 1/2"
C749402	50	2"	C749403	50	2"
C749412	65	2 1/2"	C749423	80	3"
C749776	80	3"	C749430	100	4"
C749432	100	4"	-	-	-
C749440	125	5"	-	-	-
*	150	6"	-	-	-

* Made upon request

Camlock Accessories



CAMLOCK ACCESSORIES

CAMLOCK HANDLE		PIN	
Part Number	Description	Part Number	Description
C748965	CAMLOCK HANDLE 1/2"-3/4" SS	C748953	CAMLOCK HANDLE PIN 1/2" INOX (19x4MM)
C748967	CAMLOCK HANDLE 1" SS	C748957	CAMLOCK HANDLE PIN 1" INOX (25x5,5MM)
C748969	CAMLOCK HANDLE 1 1/4"-2 1/2" SS	C748959	CAMLOCK HANDLE PIN 1 1/4"-2 1/2" INOX (31x6)
C748971	CAMLOCK HANDLE 3"-5" SS	C748951	CAMLOCK HANDLE PIN 3"-5" INOX (35x8MM) P/CAMLOCK BR/SS
		C748961	CAMLOCK HANDLE PIN 3"-5" INOX (39,5MM) P/CAMLOCK AL
		C749618	CAMLOCK SAFETY PIN 1 1/4"-6" SS

RING	
Part Number	Description
C748975	CAMLOCK RING 1/2"-1" SS
C748977	CAMLOCK RING 1 1/4"-6" SS
C749726	CAMLOCK CHAIN SS30CM

Gas recovery fitting	
Part Number	Description
C746585	CAMLOCK GAS REC D 4"X3" AL



CAMLOCK GASKETS

NBR - BUNA (black colour)			EPDM (black colour)		
Part Number	ND	Measurements (Ext. Int. Thickness)	Part Number	ND	Measurements (Ext. Int. Thickness)
C748074	15	26.5x17.5x4.5	C748089	15	26.5x17.5x4.5
C748076	20	35x22x5.5	C748105	20	35x22x5.5
C748075	25	40x27x6.4	C748106	25	40x27x6.4
C748078	32	50x35x6.4	C748088	32	50x35x6.4
C748079	40	56x41x6.4	C749668	40	56x41x6.4
C748077	50	67x51x6.4	C749710	50	67x51x6.4
C748080	65	80x60x6.4	C748137	65	80x60x6.4
C748082	80	95x76x6.4	C748087	80	95x76x6.4
C748154	100	124x102x6.4	C748156*	100	124x102x6.4
C748164	125	150x124x6.4	*	125	150x124x6.4
C748174	150	180x153x6.4	*	150	180x153x6.4
C749745*	200	232x203x7.9	*	200	232x203x7.9

* Made upon request



Camlock Gaskets

VITON (brown colour)		
Part Number	ND	Measurements (Ext. Int. Thickness)
C748083	15	26.5x17.5x4.5
C748086	20	35x22x5.5
C748084	25	40x27x6.4
C748133	32	50x35x6.4
C748085	40	56x41x6.4
C748134	50	67x51x6.4
C748135	65	80x60x6.4
C748136	80	95x76x6.4
C748155*	100	124x102x6.4

* Made upon request



Camlock Gaskets

TEFLON - NBR (white colour with black core)	
Part Number	ND
C748188*	15
C748182	25
C748183	32
C748184	40
C748185	50
C748186*	65
C748187	80

* Made upon request

TEFLON - VITON (white colour with green core)	
Part Number	ND
C748181	20
C748175	25
C748173	32
C748176	40
C748178	50
C748177*	65
C748179	80
C748180*	100

* Made upon request



Camlock Gaskets

Saflok

SAFLOK - SS316 Couplings



TYPE A BSP FIXED FEMALE THREAD

Part Number	ND	Ø R. Int.
C760504	25	1"
C760510	50	2"
C760512	65	2 1/2"
C760514	80	3"



TYPE B BSPT FIXED MALE THREAD

Part Number	ND	Ø R. Ext.
C760520	20	3/4"
C760522	25	1"
C760524*	32	1 1/4"
C760526	40	1 1/2"
C760528	50	2"
C760530	65	2 1/2"
C760532	80	3"

* Made upon request

TYPE C FOR HOSE WITH GROOVED HOSETAIL

Part Number	ND	Hose diameter (mm)
C760558	20	22
C760560	25	27
C760562	32	34
C760564	40	40
C760566	50	53
C760568	65	67
C760570	80	79

TYPE C - FOR HOSE WITH SMOOTH HOSETAIL

Part Number	ND	Hose diameter (mm)
C760559	20	15
C760561	25	21
C760565	40	34
C760567	50	46
C760569	65	59
C760571	80	71

FIXED FEMALE THREAD - TYPE D - BSPTS

Part Number	ND	Ø R. Int.
C760592	20	1/2"
C760594	20	3/4"
C760596	25	1"
C760598	32	1 1/4"
C760600	40	1 1/2"
C760602	50	2"
C760604	65	2 1/2"
C760606	80	3"

Saflok - SS316 Couplings



FIXED FEMALE THREAD - TYPE D - BSPT - WITH TEFLON GASKET

Part Number	ND	Ø R. Int.
C760595	20	¾"
C760597	25	1"
C760601	40	1 1/2"
C760603	50	2"



TYPE F BSPT FIXED MALE THREAD

Part Number	ND	Ø R. Ext.
C760632	20	¾"
C760634	25	1"
C760636	32	1 1/4"
C760638	40	1 1/2"
C760640	50	2"
C760642	65	2 1/2"
C760644	80	3"



CAP FITTING - TYPE DC

Part Number	ND	Ø (in.)
C760648	20	¾"
C760650	25	1"
C760652	32	1 1/4"
C760654	40	1 1/2"
C760656	50	2"
C760658	65	2 1/2"
C760660	80	3"



SAFLOK ACCESSORIES

Part Number	Description
C760664	SAFLOK HANDLE ¾" W/RING
C760666	SAFLOK HANDLE 1" W/RING
C760668	SAFLOK HANDLE 1¼" - 2½" W/RING
C760670	SAFLOK HANDLE 3" - 5" W/RING
C760672	SAFLOK PIN ¾" - 1"
C760674	SAFLOK PIN 1¼"
C760676	SAFLOK PIN 1½" - 2½"
C760678	SAFLOK PIN 3" - 4"
C760680	SAFLOK RING ¾" - 5" SS



Saflok - SS316 Couplings



Guillemin

Guillemin - Hose Coupling
with Lock



GUILLEMIN - HOSE COUPLING WITH LOCK

Aluminum			Stainless		
Part Number	ND	Hose diameter (mm)	Part Number	ND	Hose diameter (mm)
C740250	20	25	C740254	20	25
C740260	25	30	C749667	25	30
C740270*	32	35	C749666	32	35
C740280	40	40	C740282	40	40
C740290	40	45	C740292	40	45
C740300	50	50	C740302	50	50
C740310	50	55	C740322	65	70
C749725	65	65	C740332	80	75
C740320	65	70	C740342	80	80
C740330	80	75	C740352	80	90
C740340	80	80	C740362	100	100
C740350	80	90	C740372	100	110
C740361	100	100	Polypropylene		
*	100	105			
C740360	100	110	Part Number	ND	Hose diameter (mm)
C740380	150	150	C740285	40	40

* Made upon request

Guillemin - Fixed Coupling
Female with Lock



GUILLEMIN - FIXED COUPLING WITH FEMALE THREAD - WITH LOCK

Aluminum			Stainless		
Part Number	ND	Int. Ø (in.)	Part Number	ND	Int. Ø (in.)
C740500	20	¾"	C749665	25	1"
C740510	25	1"	C740522	32	1 1/4"
C740520	32	1 1/4"	C740532	40	1 1/2"
C740530	40	1 1/2"	C740542	50	2"
C740540	50	2"	C740555	65	2 1/2"
C740550	65	2 1/2"	C740562	80	3"
C740560	80	3"	C740572	100	4"
C740570	100	4"	Polypropylene		
C740575	150	6"			
			Part Number	ND	Int. Ø (in.)
			C740531	40	1 1/2"
			C740544	50	2"
			C740564	80	3"



GUILLEMIN - FIXED COUPLING WITH FEMALE THREAD - WITHOUT LOCK

Aluminum			Stainless		
Part Number	ND	Int. Ø (in.)	Part Number	ND	Int. Ø (in.)
C740600	20	¾"	C740551*	25	1"
C740605	25	1"	C740563*	32	1 1/4"
C740620	32	1 1/4"	C740632	40	1 1/2"
C740630	40	1 1/2"	C740642	50	2"
C740640	50	2"	C749759	65	2 1/2"
C740650	65	2 1/2"	C740662	80	3"
C740660	80	3"	C740672	100	4"
C740670	100	4"			

* Made upon request



**Guillemin - Fixed Coupling
Female without Lock**

GUILLEMIN - FIXED COUPLING WITH MALE THREAD - WITH LOCK

Aluminum			Stainless		
Part Number	ND	Int. Ø (in.)	Part Number	ND	Int. Ø (in.)
C740750	20	¾"	C740762	25	1"
C740760	25	1"	C740772	32	1 1/4"
C740770	32	1 1/4"	C740782	40	1 1/2"
C740780	40	1 1/2"	C740792	50	2"
C740790	50	2"	C740802	65	2 1/2"
C740800	65	2 1/2"	C740812	80	3"
C740810	80	3"	C740822	100	4"
C740820	100	4"			

Polypropylene		
Part Number	ND	Int. Ø (in.)
C740783	40	1 1/2"
C740794	50	2"
C740813	80	3"



**Guillemin - Fixed Coupling
Male with Lock**

GUILLEMIN - FIXED COUPLING WITH MALE THREAD - WITHOUT LOCK

Aluminum			Stainless		
Part Number	ND	Ø R. Ext.	Part Number	ND	Ø R. Ext.
C740817	20	¾"	C740819	25	1"
C740818	25	1"	*	32	1 1/4"
-	32	1 1/4"	C740823	40	1 1/2"
C740815	40	1 1/2"	C740826	50	2"
C740825	50	2"	C740828*	65	2 1/2"
C740827	65	2 1/2"	C740830	80	3"
C740829	80	3"	C740832	100	4"
C740831	100	4"	-	-	-

* Made upon request



**Guillemin - Coupling
Fixed Male without Lock**



Couplings

Guillemin Plug with Locking Ring and Chain



Guillemin Plug without Locking Ring with Chain



Guillemin Handled Plug without Locking Ring, with Chain



Guillemin - Reducer with Lock



GUILLEMIN PLUG WITH LOCKING RING AND CHAIN

Aluminum		Stainless	
Part Number	ND (mm)	Part Number	ND (mm)
C741007	20	C741005*	20
C741010	25	C741015*	25
C741020	32	C741025*	32
C741030	40	C741032	40
C741040	50	C741042	50
C741050	65	C741052	65
C741060	80	C741062	80
C741070	100	C741072	100
C741073	150		

*Fixed-closure cap

GUILLEMIN PLUG WITHOUT LOCKING RING WITH CHAIN

Aluminum		Stainless	
Part Number	ND (mm)	Part Number	ND (mm)
C741075	50	C741077	50
C741090	80	C741080	80

Polypropylene	
Article	DN
C741034	40
C741111	50
C741110*	50
C741113	80
C741112*	80
C741071	100

* Plastic chain stopper

GUILLEMIN HANDLED PLUG WITHOUT LOCKING RING, WITH CHAIN

Aluminum	
Part Number	ND (mm)
C741183	80
C741185	100

GUILLEMIN - REDUCER WITH LOCK

Aluminum			Stainless		
Part Number	ND (mm)	ND (mm)	Part Number	ND (mm)	ND (mm)
C741290	40	50	C749800	40	65
C741295	40	65	C741305	50	65
C749623	40	80	C741311	50	80
C741345	40	100	C749798	65	80
C741300	50	65	C749753	80	100
C741310	50	80			
C741390	50	100			
C741320	65	80			
C741330	65	100			
C741340	80	100			

Polypropylene		
Part Number	ND (mm)	ND (mm)
C749786	50	80



GUILLEMIN - GASKETS

NBR - BUNA			VITON		
Part Number	ND (mm)	Measurements (Ext. Int. Thickness)	Part Number	ND (mm)	Measurements (Ext. Int. Thickness)
C749613	20	27.5x23x3	C700006	20	27.5x23x3
C749609	25	34x27.5x4	C700009	25	34x27.5x4
C740271	32	38.5x31.5x4.5	C700021	40	51x43x5
C740272	40	51x43x5	C700010	50	64x54x5
C749604	50	64x54x5	C700013	65	78x68x6
C749610	65	78x68x6	C700015	80	96x85x6
C740276	80	96x85x6	C700017	100	117.5x103x7
C740278	100	117.5x103x7			
C748165*	150	174x154x10			

* On request

EPDM (white)			TEFLON		
Part Number	ND (mm)	Measurements (Ext. Int. Thickness)	Part Number	ND (mm)	Measurements (Ext. Int. Thickness)
C740314	25	34x27.5x4	C748166	50	64x54x5
C740316*	32	38.5x31.5x4.5	C748168	80	96x85x6
C740318	40	51x43x5			
C740323	50	64x54x5			
C740324	65	78x68x6			
C740334	80	96x85x6			
C740336	100	117.5x103x7			

* On request



Guillemin - Gaskets

GUILLEMIN - WRENCHES

Keys	
Part Number	Description
C712206	Steel wrench for coupling Ø 20-65 mm
C712212	Steel wrench for coupling Ø 50-100 mm
C712250	Universal articulated wrench for couplings Ø 51-121 mm
C712235	Universal articulated wrench for couplings Ø 90-155 mm



Guillemin - Wrenches

Storz

Storz - Coupling
for Hose



STORZ - Hose coupling

STORZ for Suction/Pressure Hose			
Part number	Storz size	Distance between claws (mm)	Hose diameter (mm)
C770210	25 - D	31	19
C781920	25 - D	31	25
C789422	38	51	38
C770211	52 - C	66	19
C781921	52 - C	66	25
C783190	52 - C	66	38
C783200	52 - C	66	45
C749819	52 - C	66	50
C783300	52 - C	66	52
C749427*	65	81	38
C749426*	65	81	52
C743635	65	81	63
C783400	65	81	65
C783410	75 - B	89	65
C783520	75 - B	89	70
C783630	75 - B	89	75
C783740	110 -A	133	100
C783750	110 -A	133	110
C749799	110 -A	133	125
C749766	125	148	125
C783950	150	160	150

* Made upon request

Storz - Hose Coupling
with Segments



STORZ - Hose coupling with segments

STORZ for Suction/Pressure Hose			
Part number	Storz size	Distance between claws Lug (mm)	Hose diameter (mm)
C783747	52 - C	66	51
C783748	75 - B	89	76
C783749	110 -A	133	102
C783751	110 -A	133	110
C783752	125	148	127
C783753	150	160	152

STORZ - Segmented Hose Coupling

STORZ hose fitting with anodized aluminum segments and locking device			
Part number	Storz size	Distance between claws (mm)	Hose diameter (mm)
C781067	100	115	4" - 102mm
C781068	110 -A	133	4" - 102mm
C781069	125	148	5" - 127mm
C781064	150	160	6" - 152mm

The set includes 2 Storz rods with their corresponding segments and screws.



STORZ - Fixed coupling, male thread

STORZ fixed male thread			
Part Number	Storz size	Distance between claws (mm)	Ø Male thread
C785890	25 - D	31	¾"
C741760	25 - D	31	1"
C742023	38	51	1 1/2"
C742024	38	51	2"
C741772*	45	59	2"
C741770	52 - C	66	1 1/2"
C741780	52 - C	66	2"
C741839	65	81	1 1/2"
C741841	65	81	2 1/2"
C741790	75 - B	89	2"
C741800	75 - B	89	2 1/2"
C741810	75 - B	89	3"
C741820	110 -A	133	4"
C741836	150	160	6"

* Made upon request



Storz - Fixed Coupling
Male Thread

STORZ - Fixed coupling, female thread

STORZ fixed female thread			
Part Number	Storz size	Distance between claws (mm)	Ø Female thread
C784100	25 - D	31	1/2"
C741500	25 - D	31	¾"
C741510	25 - D	31	1"
C742022	38	51	1 1/2"
C742027	38	51	2"
C749778	45	59	1 1/2"
C741520	52 - C	66	1 1/2"
C741530	52 - C	66	2"
C741840	65	81	1 1/2"
C749780	65	81	2"
C741842	65	81	2 1/2"
C741540	75 - B	89	2"
C741550	75 - B	89	2 1/2"
C741560	75 - B	89	3"
C789434	90	105	3"
C741570	110 -A	133	4"
C785450	110 -A	133	4 1/2"
C741580	125	148	5"
C741590	150	160	6"



Storz - Fixed Coupling
Female Thread

Couplings

Storz - Cap



STORZ - Cap		
Part Number	Storz size	Distance between claws Lug (mm)
C742000	25 - D	31
C742006	38	51
C742010	52 - C	66
C749781	65	81
C742020	75 - B	89
C742030	110 -A	133
C742033	125	148
C742035	150	160

Storz - Reduction



STORZ - Reduction				
Part Number	Storz size	Distance between claws Lug (mm)	Storz reducer	Distance between claws Lug (mm)
C741408	38	51	25 - D	31
C741400	52 - C	66	25 - D	31
C741402	75 - B	89	52 - C	66
C741405	110 -A	133	75 -B	89
C741409	125	148	110 -A	133
C741403	150	160	110 -A	133

Storz - Wrench



STORZ - Wrench	
Part Number	Description
C792052	Steel wrench with PVC-coated handle for Ø65-38mm couplings
C792060	Steel wrench with PVC-coated handle for B(Ø75mm) -C(Ø52mm) couplings
C792055	Steel wrench with PVC-coated handle for A(Ø110mm)-B(Ø75mm) - C (Ø52mm) couplings
C792050	Steel wrench with PVC-coated handle for Ø150-125mm couplings

Storz - Seals



STORZ - Seals		
NBR		
Part Number	Ø (mm)	Colour
C783634	25-D	black
C783637	38	black
C783633	52-C	black / white
C783631	75-B	black / white
C783632	110 -A	black
C783640	110 -A	white
C783636	150	black



Victaulic Grooved Couplings

VICTAULIC GROOVED COUPLING - Grooved hose coupling for VICTAULIC joint

GROOVED HOSE COUPLING FOR VICTAULIC JOINT - Grooved hose coupling set (2 pieces) in anodized aluminum for VICTAULIC joint

Part Number	Ø (mm)	Ø (in.)
C798917	100	4"
C798920	150	6"
C798927	200	8"
C798935	250	10"
C798934	300	12"
C798905	400	16"

The set includes 2 slotted rods, 6-10 segments (3-5 segments per clamp depending on of the diameter) and screws.



Victaulic Grooved Couplings

VICTAULIC joint with EPDM gasket

Part Number	Ø (mm)	Ø (in.)
C797040	100	4"
C797060	150	6"
C797080	200	8"
C797100	250	10"
C797120	300	12"
C797130	400	16"



Food Couplings

FOOD COUPLINGS - DIN 11851

FEMALE SMOOTH SHANK - AISI 316L

Part Number	ND	Hose diameter (mm)
C760000*	25	26
C760002*	32	32
C760004*	40	38
C760006	50	50
C760008	65	64
C760010*	80	76
C760012*	100	101

* Made upon request



MALE SMOOTH SHANK - EXTERNAL THREAD - AISI 316L

Part Number	ND	Hose diameter (mm)
C760014*	25	26
C760016*	32	32
C760018	40	38
C760020	50	50
C760022	65	64
C760024*	80	76
C760026*	100	101

* Made upon request



Food Grade Couplings - DIN 11851



Couplings

Food Couplings DIN 11851



FEMALE SERRATED SHANK - AISI 316L		
Part Number	ND	Hose diameter (mm)
C760028	25	26
C760032	32	33
C760034	40	39
C760036	50	51
C760038	65	63.5
C760040	80	76
C760042*	100	102

* Made upon request

Food Couplings DIN 11851



MALE SERRATED SHANK - AISI 316L		
Part Number	ND	Hose diameter (mm)
C760046*	25	26
C760048	32	33
C760050	40	39
C760052	50	51
C760054	65	63.5
C760056	80	76
C760058	100	102

* Made upon request

Food Couplings SMS



UNION NUT - SS304 - FOR FOOD COUPLINGS DIN 11851	
Part Number	ND
C760068	25
C760070	32
C760072	40
C760074	50
C760076	65
C760078	80
C760080	100

FOOD COUPLINGS - SMS

FEMALE SERRATED SHANK - AISI 316L		
Part Number	ND	Hose diameter (mm)
C760132	25	19
C760134	25	25
C760136	32	32
C760138	38	38
C760140	50	51
C760142*	50	38
C760144*	63	63.5
C760146*	63	65
C760150*	76	76
C760154*	100	102

* Made upon request



MALE SERRATED SHANK - EXTERNAL THREAD - AISI 316L

Part Number	ND	Hose diameter (mm)
C760156*	25	25
C760158*	32	32
C760160	38	38
C760162	50	51
C760164*	63	63.5
C760166*	65	65
C760168*	76	76
C760174*	102	102

* Made upon request



SMS Food Couplings

UNION NUT - SS304 - FOR SMS FOOD COUPLINGS

Part Number	ND
C760178	25
C760180	32
C760182	38
C760184	50
C760186*	65
C760188	80
C760192*	102

* Made upon request



FOOD COUPLINGS - TRI CLAMP

SERRATED SHANK - AISI 316L

Part Number	Plate external Diameter	Hose diameter (mm)
C760196	25	10
C760198	25	12
C760200	25	16
C760202	25	19
C760206	34	12
C760208	34	16
C760210	34	19
C760212	34	25
C760216	50.5	12
C760218	50.5	16
C760220	50.5	19
C760222	50.5	25
C760224	50.5	32
C760226	50.5	38
C760228	64	38
C760230	64	51
C760232	77	65
C760234	91	76



Food Couplings
TRI Clamp



Couplings

Bushings for Food Couplings



CLAMPS - SS 304 1 BOLT		
Part Number	Plate external diameter	Ø (in.)
C760238	25.4	1/2"
C760240	34	3/4"
C760242	50.5	1 1/2"
C760244	64	2"
C760246	77.50	2 1/2"
C760248	91	3"

EPDM Gaskets



GASKETS - EPDM	
Part Number	Measures (Ext. Int.)
C760411	25.2 x 16
C760413	34 x 15.4
C760419	50.5 x 34
C760420	64 x 47.5
C760421	77.5 x 60
C760422	91 x 72

Food Grade Bushings



FOOD GRADE BUSHINGS		
BUSHING - SS 304		
Part Number	ND	DI 1 - DI 2 - Length (mm)
C760088		32.5 - 39 - 41
C760090*	25	32.5 - 41 - 46
C760092		32.5 - 39 - 46
C760094*	32	40 - 47 - 41
C760096*		40 - 53 - 46
C760098		40 - 47 - 46
C760100		45.5 - 52.5 - 41
C760102	40	45.5 - 55 - 46
C760104		45.5 - 52.5 - 46
C760106	50	60 - 67 - 55
C760108		60 - 71 - 55
C760115		73.5 - 82 - 68
C760114	65	73.5 - 82 - 74
C760120	75	85.5 - 93.6 - 72
C760116		85.5 - 93.6 - 87
C760122		113 - 120 - 101
C760124*	100	113 - 123 - 103
C760126*		113 - 120 - 103

* Made upon request



Tankwagen

TANKWAGEN - MK TYPE FEMALE COUPLING WITH FEMALE THREAD

Brass			Stainless Steel		
Part Number	ND	Ø Int. Thread (in.)	Part Number	ND	Ø Int. Thread (in.)
C793056	50	2"	C793052	50	2"
C793057	80	3"	C793053	80	3"
C793058	100	4"	C793054	100	4"



MK (Female -RI)

TANKWAGEN - VK TYPE MALE COUPLING WITH FEMALE THREAD

Brass			Stainless Steel		
Part Number	ND	Ø Int. Thread (in.)	Part Number	ND	Ø Int. Thread (in.)
C793046	50	2"	C793042	50	2"
C793047	80	3"	C793043	80	3"
C793048	100	4"	C793044	100	4"



VK (Male -RI)

TANKWAGEN - VB CAP FOR MK ADAPTER

Brass		Stainless Steel	
Part Number	ND	Part Number	ND
C793006	50	C793002	50
C793007	80	C793003	80
C793008	100	C793004	100

Aluminum	
Part Number	ND
C793012	50
C793013	80
C793014	100



VB Cap

TANKWAGEN - MB CAP FOR VK ADAPTER

Brass		Stainless Steel	
Part Number	ND	Part Number	ND
C793026	50	C793022	50
C793027	80	C793023	80
C793028	100	C793024	100

Aluminum	
Part Number	ND
C793032	50
C793033	80
C793034	100



MB Cap

Tankwagen - Couplings

Tankwagen - Couplings

Tankwagen - Couplings



Couplings

Tankwagen - Gaskets



TANKWAGEN - Gaskets

NBR BLACK GASKED FOR MK COUPLING		
Part Number	ND	Ø (in.)
C793254*	50	2"
C793256*	80	3"
C793257	100	4"

* Lip seal

VITON BLACK GASKET FOR MK COUPLING		
Part Number	ND	Ø (in.)
C793258	50	2"
C793260	80	3"

HYPALON GREEN GASKET FOR MK COUPLING		
Part Number	ND	Ø (in.)
C793250	50	2"
C793252	80	3"



NBR BLACK GASKET		
Part Number	ND	Ø (in.)
C793266	50	2"
C793268	80	3"

HYPALON GREEN GASKET		
Part Number	ND	Ø (in.)
C793262	50	2"
C793264*	80	3"

* Made upon request

TEFLON GASKET		
Part Number	ND	Ø (in.)
C793280	50	2"
C793282	80	3"



Clamps EN 14420-3 / DIN 2817

Clamps EN 14420-3 / DIN 2817



ALUMINUM CLAMP		
Part Number	ND	Clamping Range
C793110	13x5	22-24
C793117	19x6	30-33
C793118	25x6	36-39
C793120	32x6	43-46
C793121	32x8	47-50
C793122	38x6.5	50-53
C793123	38x8	53-56
C793125	40x7	53-56
C793126	40x10	58-61
C793129	50x6	61-65
C793130	50x8	63-67
C793131	50x10	69-71
C793133	63x8	78-82
C793136	75x8	89-94
C793137	75x10	94-97
C793139	80x8	94-97
C793140	90x6.5	101-105
C793142	100x8	114-119
C793144	100x12	122-126
C793150	125x10	143-148
C793153	150x10	167-173
C793157	200x12	222-229



Clamps EN 14420-3 / DIN 2817

STAINLESS STEEL CLAMP		
Part Number	DN	Ø (mm)
C793158	13x5	22-24
C793159	19x6	30-33
C793160	25x6	36-39
C793161	32x6	43-46
C793162	38x6.5	50-53
C793163	38x8	53-56
C793165	50x8	63-67
C793166	50x10	69-71
C793167	63x8	78-82
C793169	75x8	89-94
C793170	80x8	94-97
C793171	100x8	114-119



Clamps EN 14420-3 / DIN 2817

LNC Couplings EN 14420-5 - for Safety Clamps DIN-2817

LNC EN 14420-5 Couplings Male Thread - Smooth Shank

Brass			Stainless Steel		
Part Number	Hose diameter (mm)	Ø R. Ext.	Part Number	Hose diameter (mm)	Ø R. Ext.
C793200	20	¾"	C793300	20	¾"
C793201	25	1"	C793302	25	1"
C793202	32	1¼"	C793304	32	1 1/4"
C793203	40	1½"	C793306	40	1½"
C793205	50	2"	C793308	50	2"
C793206	63	2½"	C793310	63	2 1/2"
C793207	75	3"	C793312	75	3"
C793209	100	4"	C793314*	100	4"

* Made upon request



LNC Couplings EN 14420-5 Male Thread - Smooth Shank

LNC EN 14420-5 Female Thread Couplings - Smooth Shank

Brass			Stainless Steel		
Part Number	Hose diameter (mm)	Ø R. Int.	Part Number	Hose diameter (mm)	Ø R. Int.
C793217	20	¾"	C793318	20	¾"
C793218	25	1"	C793320	25	1"
C793219	32	1¼"	C793322	32	1 1/4"
C793220	40	1½"	C793324	40	1 1/2"
C793222	50	2"	C793326	50	2"
C793223	63	2½"	C793328	63	2 1/2"
C793224	75	3"	C793330	75	3"
C793225	100	4"	C793332*	100	4"

* Made upon request



LNC Couplings EN 14420-5 Female Thread - Smooth Shank

Couplings

LNC Couplings EN 14420-5 Male Thread - Splined Pin



LNC EN 14420-5 Couplings Male Thread - Splined Pin

Brass			Stainless		
Part Number	Hose diameter (mm)	Ø R. Ext.	Part Number	Hose diameter (mm)	Ø R. Ext.
C793400	20	¾"	C793410	20	¾"
C793401	25	1"	C793411	25	1"
C793402	32	1¼"	C793412	32	1 1/4"
C793403	40	1½"	C793413	40	1½"
C793404	50	2"	C793414	50	2"
C793405	63	2½"	C793415	63	2 1/2"
C793406	75	3"	C793416	75	3"
C793407	100	4"	C793417	100	4"

LNC Couplings EN 14420-5 Female Thread - Splined Pin



LNC EN 14420-5 Couplings Female Thread - Splined Pin

Brass			Stainless		
Part Number	Hose diameter (mm)	Ø R. Int.	Part Number	Hose diameter (mm)	Ø R. Int.
C793420	20	¾"	C793430	20	¾"
C793421	25	1"	C793431	25	1"
C793422	32	1¼"	C793432	32	1 1/4"
C793423	40	1½"	C793433	40	1 1/2"
C793424	50	2"	C793434	50	2"
C793425	63	2½"	C793435	63	2 1/2"
C793426	75	3"	C793436	75	3"
C793427	100	4"	C793437	100	4"



Air/Water Couplings

AIR/WATER COUPLINGS - EU AIR DIN 3489

HOSE COUPLING - LUDECKE STEEL WITHOUT SAFETY RING

Part Number	Hose diameter (mm)
C748461	13
C748471	19
C748481	25

HOSE COUPLING - LUDECKE STEEL WITH SAFETY RING

Part Number	Hose diameter (mm)
C748460	13
C748490	16
C748470	19
C748480	25

HOSE COUPLING - LUDECKE STEEL WITH SAFETY RING

Part Number	Hose diameter (mm)
C748464	10
C748462	13
C748472	19
C748482	25

MALE THREADED COUPLING - LUDECKE STEEL

Part Number	Ø R. Ext.
C744510	1/2"
C744520	¾"
C744530	1"

MALE THREADED COUPLING - TYPE L STEEL

Part Number	Ø R. Ext.
C744511	1/2"
C744521	¾"
C744531	1"

FEMALE THREAD COUPLING - LUDECKE STEEL

Part Number	Ø R. Int.
C744260	1/2"
C744270	¾"
C744280	1"

FEMALE THREAD COUPLING - TYPE L STEEL

Part Number	Ø R. Int.
C744261	1/2"
C744271	¾"
C744281	1"

DIN 3489 COUPLING GASKET

Part Number	Description
C744004	NBR 15/25MM OIL
C744005	STEAM 15/25

DIN 3489 CAP

Part Number	Description
C748483	EU DIN3489 L CAP

SCREWING SET- STEEL DIN 8537/20 033 WITH HOSE STEM AND SAFETY COLLAR

Part Number	Ø R. Int.
C744000	¾"
C744012	1"



Air/Water Couplings - EU Air DIN 3489

Couplings

Air/Water Couplings - EU Air DIN 3489



AIR/WATER COUPLING - DIN EXPRESS

EXPRESS HOSE COUPLING - BRASS

Part Number	Hose diameter (mm)
C749681	13-15
C749683	19-21
C749685	25-27

EXPRESS MALE THREADED COUPLING - BRASS

Part Number	Ø R. Ext.
C749694	1/2"
C749695	¾"
C749696	1"

EXPRESS FEMALE THREADED COUPLING - BRASS

Part Number	Ø R. Int.
C749691	1/2"
C749692	¾"
C749693	1"

EXPRESS GASKET

Part Number	Description
C749706	EXPRESS BOARD NBR

EXPRESS CAP

Part Number	Description
C749705	EXPRESS TAPON BR

AIR / WATER COUPLINGS - GEKA - DIN EXPRESS

GEKA DIN EXPRESS HOSE COUPLING - BRASS

Part Number	Hose diameter (mm)
C749707	13
C749703	15
C749708	19
C749709	25

GEKA DIN EXPRESS MALE THREAD COUPLING - BRASS

Part Number	Ø R. Ext.
C749700	1/2"
C749701	¾"
C749702	1"

Air/Water Couplings - Geka - Din Express



Couplings

GEKA DIN EXPRESS FEMALE THREAD COUPLING - BRASS	
Part Number	Ø R. Int.
C749697	1/2"
C749698	3/4"
C749699	1"



GEKA GASKET NBR	
Part Number	Description
C749704	GEKA NBR BOARD



GEKA CAP	
Part Number	Description
C793998	GEKA brass stopper



CLAMP WITH SAFETY CLIP - DIN 20039 B - LUDECKE STEEL	
Part Number	Hose diameter (mm)
C748360	22 - 29
C748370	28 - 32
C748380	35 - 42

CLAMP WITH SAFETY CLIP - DIN 20039 B - TYPE L STEEL	
Part Number	Hose diameter (mm)
C748371	28 - 32
C748381	35 - 42



CLAMP WITH TYPE L STEEL CLIP	
Part Number	Hose diameter (mm)
C749716*	16 - 18
C749715*	19 - 21
C749687*	22 - 24
C749688	25 - 27
C749711	28 - 30
C749689	31 - 33
C749714	34 - 36
C749690	37 - 39



* Made upon request

CLAMP WITH TWO SCREWS - DIN 20039 A - LUDECKE STEEL	
Part Number	Hose diameter (mm)
C748260	22 - 29
C748280	28 - 34
C748290	32 - 40
C748310	39 - 49
C748320	48 - 60
C748350	56 - 72
C748330	60 - 76
C748340	77 - 94
C748341	94 - 115
C748352	127 - 140
C748400*	210 - 225
C748351*	227 - 250

CLAMP WITH TWO SCREWS - DIN 20039 A - TYPE L STEEL	
Part Number	Hose diameter (mm)
C749762	22 - 29
C749712	28 - 34
C749713	32 - 40
C749996	39 - 49
*	48 - 60
C749998	60 - 76
C749999	77 - 94
*	94 - 115
C749993*	127 - 140

* Made upon request



* Made upon request

CLEANING GUN	
Part Number	Description
C701950	1/2" BSP RI 10 BAR - BRASS



Air/Water Couplings - Geka - Din Express



Links to Ball Joint

Male for
Hose



HOSE JOINT - Zinc Plated Iron		
Part Number	Guy	Hose diameter (mm)
C745000	S-3	40
C745020	S-3	52
C745030	S-3	60
C745010	S-7	76
C745060	S-7	90
C745070	S-10	102
C745080	S-10	110
C745090	S-12	125
C745100	S-15	150
C745110	S-20	200

Female for
Hose



FEMALE HOSE FITTING - Zinc Plated Iron		
Part Number	Guy	Hose diameter (mm)
C745120	S-3	40
C745130	S-3	52
C745140	S-3	60
C745150	S-7	76
C745160	S-7	90
C745170	S-10	102
C745180	S-10	110
C745190	S-12	125
C745200	S-15	150
C745210	S-20	200

Male with
External Thread



Male threaded plug - Zinc plated iron		
Part Number	Guy	Ø R. Ext.
C745260	S-3	1 1/4"
C745270	S-3	1 1/2"
C745280	S-3	2"
C745290	S-7	2 1/2"
C745300	S-7	3"
C745315	S-10	4"

Female with
Thread Ext.



FEMALE WITH MALE THREAD - Zinc Plated Iron		
Part Number	Guy	Ø R. Ext.
C745400	S-3	1 1/4"
C745410	S-3	1 1/2"
C745420	S-3	2"
C745430	S-7	2 1/2"
C745440	S-7	3"
C745455	S-10	4"



Bauer Couplings

HOSE JOINT - Zinc Plated Iron		
Part Number	GUY	Hose diameter (mm)
C749882	89	80
C749802	108	100
C749614	159	150
C749616	194	200
C749832	250	250
C749876	300	300

FEMALE HOSE COUPLINGS - Zinc Plated Iron		
Part Number	GUY	Hose diameter (mm)
C749864	89	80
C749863	108	100
C749615	159	150
C749617	194	200
C749833	250	250
C749874	300	300



Bauer Couplings

UMT Couplings - Humet / Perrot

HOSE JOINT - Zinc Plated Iron		
Part Number	GUY	Hose diameter (mm)
-	50	50
-	50	60
-	70	60
C700077	70	70
-	89	80
C700093	89	90
C795645	108	90
C795650	108	100
C749794	108	110
-	133	120
-	133	125
C700094	159	150



FEMALE HOSE COUPLINGS - Zinc Plated Iron		
Part Number	GUY	Hose diameter (mm)
-	50	50
-	50	60
-	70	60
C700090	70	70
C700140	89	80
C700144	89	90
C795640	108	90
C795657	108	100
-	108	110
-	133	120
-	133	125
C700095	159	150



Perrot Couplings

* Females always include the gasket.

SBR GASKETS for PERROT couplings		
Part Number	GUY	Colour
C700050	70	black
C700099	89	black
C700096	108	black



Zinc-Plated Iron Fittings

SPLICES

HOSE - HOSE SPLICE

Part Number	ND	Length (mm)
C744740	25-25	120
C744750	35-35	120
C744760	40-40	120
C744770	45-45	120
C744780	50-50	120
C744790	60-60	120
C744880	65-65	130
C744800	70-70	140
C744810	75-75	180
C744820	80-80	180
C744830	90-90	180
C744840	102-102	200
C744850	110-110	200
C744920	115-115	230
C744860	125-125	240
C744870	150-150	250
C744900	200-200	400
C744910	250-250	500

HOSE SPLICE - EXTERNAL THREAD

Part Number	ND	Ø R. Ext.
C744930	40	1 1/4"
C749624	40	1 1/2"
C744940	50	1 1/2"
C744945	50	2"
C744950	60	2"
C744960	75	2½"
C744621	75	3"
C744970	90	3"
C744671	102	4"
C744991	125	5"

HOSE REDUCTION

Part Number	ND
C744610	75-50
C744620	75-65
C744630	90-75
C744650	102-75
C744660	102-90
C744670	125-102
C744680	150-102
C744690	150-125

ELBOW JOINT (90°)

Part Number	ND
C700056	50
C748600	65
C748610	75
C748620	90
C748630	102
C700059	125
C748640	150
C748650	200
C748655	250

Hose Splice -
Hose



Hose Splice -
External Thread



Hose
Reduction



Splice Joint (90°)



Standard Couplings

W1 CLAMPS - ZINC PLATED STEEL

Part Number	Hose diameter (mm)
C774000	17-19
C774001	20-22
C774002	23-25
C774003	26-28
C774004	29-31
C774005	32-35
C774006	36-39
C774007	40-43
C774008	44-47
C774009	48-51
C774010	52-55
C774011	56-59
C774012	60-63
C774013	64-67
C774014	68-73
C774015	74-79
C774016	80-85
C774017	86-91
C774018	92-97
C774498	98-103
C774020	104-112
C774021	113-121
C774022	122-130
C774023	131-139
C774024	140-148
C774025	149-161
C774026	162-174
C774504	175-187
C774512	188-200
C774503	201-213
C774030	214-226
C774513	227-239
C774032*	240-252
C774509	240-260

* Made upon request



W1 Clamps

CLAMPS W2 - 430 STAINLESS STEEL WITH ZINC PLATED STEEL SCREWS

Part Number	Hose diameter (mm)
C700103	29-31
C700104	32-35
C700105	36-39
C700106	40-43
C700107	44-47
C700108	48-51
C700109	52-55
C700110	56-59
C700111	60-63
C700112	64-67
C700113	68-73
C700114	74-79
C700115	80-85
C700116	86-91
C700117	92-97
C700118	98-103
C774505	104-112
C700119	113-121
C700120	122-130
C700121	131-139
C700122	140-148
C700123	149-161
C700124	162-174
C700125	175-187
C700126	188-200
C774029	201-213
C700127	214-226
C700128	227-239
C700129	240-252



W2 Clamps

Couplings

W4 Clamps



W4 CLAMPS - 304 STAINLESS STEEL	
Part Number	Hose diameter (mm)
C774400	26-28
C774402	29-31
C774404	32-35
C774406	36-39
C774408	40-43
C774410	44-47
C774412	48-51
C774414	52-55
C774416	56-59
C774418	60-63
C774420	64-67
C774422	68-73
C774424	74-79
C774426	80-85
C774428	86-91
C774430	92-97
C774432	98-103
C774434	104-112
C774436	113-121
C774438	122-130
C774440	131-139
C774442	140-148
C774444	149-161
C774446	162-174
C774448	175-187
C774450	188-200
C774452	201-213
C774454	214-226
C774456	227-239
C774458	240-252



Firefighting Equipment

ARMTEX ONE - Extruded rubber lay flat fire-fighting reinforced hose with textile inner layer made of 100% high-tenacity fibers.

- High-strength hose for firefighting and hydrant equipment.
- Colour: Brick red. / Standard length: Available in lengths of 15/20/30/40 and 60 m.
- Service Temperature Range: -30°C to +80°C / BS 6391:2009 Type 3 certified from 1 1/2" to 2 3/4" / UNE 23091-2A Certified for 45mm diameters (1 3/4") and 70mm diameters (2 3/4")

Part Number	Ø (mm)	Thickness (mm)	WP (bar)
F550012A	25	1.9	40
F550034A	38	2.0	21
F550056A	45	2.0	21
F550067A	52	2.2	18
F552870A	64	2.2	18
F552142A	65	2.2	18
F550103A	70	2.3	18
F550114A	75	2.3	15
F550147A	102	2.6	12
F550158A	110	2.6	10



Armtex One

ARMTEX ONE assembled hose with couplings

ARMTEX ONE assembled hose with FORTEX stamped aluminum BARCELONA couplings

Coupling Size (mm)	Hose diameter (mm)	Length (m)	UNE Certification 23091-2A	Part Number	Description
25	25	15	-	R1702503.00150	ARMTEX ONE Ø25 T15 FORTEX 25
		20	-	R1702503.00200	ARMTEX ONE Ø25 T20 FORTEX 25
		25	-	R1702503.00250	ARMTEX ONE Ø25 T25 FORTEX 25
		30	-	R1702503.00300	ARMTEX ONE Ø25 T30 FORTEX 25
		60	-	R1702503.00600	ARMTEX ONE Ø25 T60 FORTEX 25
45	45	15	-	R1704507.00150	ARMTEX ONE Ø45 T15 FORTEX 45
		15	Yes	R1704506.00150	ARMTEX ONE Ø45 T15 FORTEX 45 - certified
		20	-	R1704507.00200	ARMTEX ONE Ø45 T20 FORTEX 45
		20	Yes	R1704506.00200	ARMTEX ONE Ø45 T20 FORTEX 45 - certified
		25	-	R1704507.00250	ARMTEX ONE Ø45 T25 FORTEX 45
		30	-	R1704507.00300	ARMTEX ONE Ø45 T30 FORTEX 45
		30	Yes	R1704506.00300	ARMTEX ONE Ø45 T30 FORTEX 45 - certified
70	70	60	-	R1704507.00600	ARMTEX ONE Ø45 T60 FORTEX 45
		15	-	R1707007.00150	ARMTEX ONE Ø70 T15 FORTEX 70
		15	Yes	R1707006.00150	ARMTEX ONE Ø70 T15 FORTEX 70 - certified
		20	-	R1707007.00200	ARMTEX ONE Ø70 T20 FORTEX 70
		20	Yes	R1707006.00200	ARMTEX ONE Ø70 T20 FORTEX 70 - certified
		25	-	R1707007.00250	ARMTEX ONE Ø70 T25 FORTEX 70
		30	-	R1707007.00300	ARMTEX ONE Ø70 T30 FORTEX 70
		60	-	-	ARMTEX ONE Ø70 T60 FORTEX 70



Armtex One Barcelona - Fortex

ARMTEX ONE hoses with FORTEX stamped aluminum couplings are wire binded by default and come with a thermoplastic protective sleeve. Crimped solution available.

* Lengths certified according to RIPCI (the hose is certified according to the UNE 23019-2A standard and the couplings are certified according to the UNE 23400 standard)



Armtext One Barcelona - Kugel



ARMTEX ONE assembled hose with BARCELONA couplings in KUGEL stamped aluminum (hard anodized)				
Coupling Size (mm)	Hose Ø (mm)	Length (m)	Part Number	Description
25	25	15	-	ARMTEX ONE Ø25 T15 KUGEL 25
		20	-	ARMTEX ONE Ø25 T20 KUGEL 25
		25	-	ARMTEX ONE Ø25 T25 KUGEL 25
		30	R1702509.00300	ARMTEX ONE Ø25 T30 KUGEL 25
		60	-	ARMTEX ONE Ø25 T60 KUGEL 25
45	45	15	R1704514.00150	ARMTEX ONE Ø45 T15 KUGEL 45
		20	R1704514.00200	ARMTEX ONE Ø45 T20 KUGEL 45
		25	-	ARMTEX ONE Ø45 T25 KUGEL 45
		30	R1704514.00300	ARMTEX ONE Ø45 T30 KUGEL 45
		60	-	ARMTEX ONE Ø45 T60 KUGEL 45
70	70	15	R1707010.00150	ARMTEX ONE Ø70 T15 KUGEL 70
		20	R1707010.00200	ARMTEX ONE Ø70 T20 KUGEL 70
		25	-	ARMTEX ONE Ø70 T25 KUGEL 70
		30	-	ARMTEX ONE Ø70 T30 KUGEL 70
		60	-	ARMTEX ONE Ø70 T60 KUGEL 70

ARMTEX ONE hoses with BARCELONA couplings in KUGEL stamped aluminum (hard anodized) are wire banded by default and come with a thermoplastic protective sleeve. Crimped solution available.

Armtext One Barcelona - Type T



ARMTEX ONE assembled hose with BARCELONA couplings in cast aluminum Type T				
Coupling Size (mm)	Hose Ø (mm)	Section (m)	Part Number	Description
45	45	15	R1704501.00150	ARMTEX ONE Ø45 T15 BCN T 45
		20	R1704501.00200	ARMTEX ONE Ø45 T20 BCN T 45
		25	-	ARMTEX ONE Ø45 T25 BCN T 45
		30	R1704501.00300	ARMTEX ONE Ø45 T30 BCN T 45
		60	-	ARMTEX ONE Ø45 T60 BCN T 45
70	70	15	-	ARMTEX ONE Ø70 T15 BCN T 70
		20	R1707001.00200	ARMTEX ONE Ø70 T20 BCN T 70
		25	R1707001.00250	ARMTEX ONE Ø70 T25 BCN T 70
		30	R1707001.00300	ARMTEX ONE Ø70 T30 BCN T 70
		60	-	ARMTEX ONE Ø70 T60 BCN T 70

All Lengths of ARMTEX ONE hose with BARCELONA couplings in cast aluminum Type T are wire banded by default and come with a thermoplastic protective sleeve. Also possibility of assembling with crimping ferrule.



ARMTEX ONE assembled hose with BARCELONA brass couplings				
Coupling Size (mm)	Hose Ø (mm)	Length (m)	Part Number	Description
25	25	15	R1702502.00150	ARMTEX ONE Ø25 T15 BCN BRASS 25
		20	R1702502.00200	ARMTEX ONE Ø25 T20 BCN BRASS 25
		25	R1702502.00250	ARMTEX ONE Ø25 T25 BCN BRASS 25
		30	R1702502.00300	ARMTEX ONE Ø25 T30 BCN BRASS 25
		60	-	ARMTEX ONE Ø25 T60 BCN BRASS 25
45	45	15	R1704502.00150	ARMTEX ONE Ø45 T15 BCN BRASS 45
		20	R1704502.00200	ARMTEX ONE Ø45 T20 BCN BRASS 45
		25	R1704502.00250	ARMTEX ONE Ø45 T25 BCN BRASS 45
		30	R1704502.00300	ARMTEX ONE Ø45 T30 BCN BRASS 45
		60	R1704502.00600	ARMTEX ONE Ø45 T60 BCN BRASS 45
70	70	15	R1707002.00150	ARMTEX ONE Ø70 T15 BCN BRASS 70
		20	R1707002.00200	ARMTEX ONE Ø70 T20 BCN BRASS 70
		25	R1707002.00250	ARMTEX ONE Ø70 T25 BCN BRASS 70
		30	R1707002.00300	ARMTEX ONE Ø70 T30 BCN BRASS 70
		60	-	ARMTEX ONE Ø70 T60 BCN BRASS 70



Armtext One Barcelona

All Lengths of ARMTEX ONE hose with BARCELONA brass couplings are wire banded by default and come with a thermoplastic protective sleeve. Also possibility of assembling with crimping ferrule.

ARMTEX ONE assembled hose with STORZ aluminum couplings				
Coupling Size (mm)	Hose Ø (mm)	Length (m)	Part Number	Description
25-D	25	15	R1702512.00150	ARMTEX ONE Ø25 T15 STORZ D
		20	R1702512.00200	ARMTEX ONE Ø25 T20 STORZ D
		25	R1702512.00250	ARMTEX ONE Ø25 T25 STORZ D
		30	R1702512.00300	ARMTEX ONE Ø25 T30 STORZ D
52-C	38	15	-	ARMTEX ONE Ø38 T15 STORZ C
		20	R1703814.00200	ARMTEX ONE Ø38 T20 STORZ C
		25	R1703814.00250	ARMTEX ONE Ø38 T25 STORZ C
		30	-	ARMTEX ONE Ø38 T30 STORZ C
		60	-	ARMTEX ONE Ø38 T60 STORZ C
52-C	45	15	R1704522.00150	ARMTEX ONE Ø45 T15 STORZ C
		20	R1704522.00200	ARMTEX ONE Ø45 T20 STORZ C
		25	R1704522.00250	ARMTEX ONE Ø45 T25 STORZ C
		30	R1704522.00300	ARMTEX ONE Ø45 T30 STORZ C
		60	-	ARMTEX ONE Ø45 T60 STORZ C
52-C	52	15	R1705203.00150	ARMTEX ONE Ø52 T15 STORZ C
		20	R1705203.00200	ARMTEX ONE Ø52 T20 STORZ C
		25	R1705203.00250	ARMTEX ONE Ø52 T25 STORZ C
		30	-	ARMTEX ONE Ø52 T30 STORZ C
		60	-	ARMTEX ONE Ø52 T60 STORZ C
75-B	70	15	R1707015.00150	ARMTEX ONE Ø70 T15 STORZ B
		20	R1707015.00200	ARMTEX ONE Ø70 T20 STORZ B
		25	R1707015.00250	ARMTEX ONE Ø70 T25 STORZ B
		30	R1707015.00300	ARMTEX ONE Ø70 T30 STORZ B
		60	-	ARMTEX ONE Ø76 T60 STORZ B
75-B	76	15	-	ARMTEX ONE Ø76 T15 STORZ B
		20	R1707503.00200	ARMTEX ONE Ø76 T20 STORZ B
		30	-	ARMTEX ONE Ø76 T30 STORZ B
		60	-	ARMTEX ONE Ø76 T60 STORZ B



Armtext One - Storz

All Lengths of ARMTEX ONE hose with STORZ aluminum couplings are wire banded by default and come with a thermoplastic protective sleeve.



Armtext ONE - BS336



ARMTEX ONE assembled hose with British instant couplings BS336 in aluminum				
Coupling size (inches)	Hose Ø (mm)	Length (m)	Part Number	Description
1 1/2"	38	20	R1703803.00200	ARMTEX ONE Ø38 T20 BS 1 ½" AL
		20	R1703805.00200	ARMTEX ONE Ø38 T20 BS 2 ½" AL
		25	R1703805.00250	ARMTEX ONE Ø38 T25 BS 2 ½" AL
		30	R1703805.00300	ARMTEX ONE Ø38 T30 BS 2 ½" AL
2 1/2"	45	20	R1704503.00200	ARMTEX ONE Ø45 T20 BS 2 ½" AL
		25	R1704503.00250	ARMTEX ONE Ø45 T25 BS 2 ½" AL
		30	R1704503.00300	ARMTEX ONE Ø45 T30 BS 2 ½" AL
	64	20	R1706402.00200	ARMTEX ONE Ø64 T20 BS 2 ½" AL
		25	R1706402.00250	ARMTEX ONE Ø64 T25 BS 2 ½" AL
		-	-	ARMTEX ONE Ø64 T30 BS 2 ½" AL
		70	25	R1707003.00250

All these couplings come with wire binded and a thermoplastic protective sleeve.

Armtext ONE - NH



ARMTEX ONE assembled hose with North American NH expansion couplings in aluminum				
Coupling size (inches)	Hose Ø (mm)	Length (m)	Description	Part Number
1 1/2"	38mm - 1 ½"	15	ARMTEX ONE Ø38 T15 NH 1 ½" AL	R1703810.00150
		20	ARMTEX ONE Ø38 T20 NH 1 ½" AL	R1703810.00200
		25	ARMTEX ONE Ø38 T25 NH 1 ½" AL	R1703810.00250
		30	ARMTEX ONE Ø38 T30 NH 1 ½" AL	R1703810.00300
		30.5m (100 feet)	ARMTEX ONE Ø38 T100FT NH 1 ½" AL	R1703810.00305
2 1/2"	65mm - 2 ½"	15	ARMTEX ONE Ø65 T15 NH 2 ½" AL	R1706510.00150
		15.2m (50 feet)	ARMTEX ONE Ø65 T50FT NH 2 ½" AL	R1706510.00152
		20	ARMTEX ONE Ø65 T20 NH 2 ½" AL	R1706510.00200
		25	ARMTEX ONE Ø65 T25 NH 2 ½" AL	R1706510.00250
		30	ARMTEX ONE Ø65 T30 NH 2 ½" AL	R1706510.00300
		30.5m (100 feet)	ARMTEX ONE Ø65 T100FT NH 2 ½" AL	R1706510.00305



ARMTEX JAFRIB - Extruded rubber lay flat fire-fighting reinforced hose with textile inner layer made of 100% high-tenacity fibers.

- Hose for municipal fire departments that according to the NFPA 1961 North American standard. Also for armies, petrochemical and nuclear plants and other industries. Resistant to oil, chemicals and abrasion.
- Colour: Brick red or yellow / Standard length: Available in 15m and 30m lengths. Special lengths up to 200m are also available upon request.
- Service Temperature Range: -30°C to +80°C / UL19 and Can/ULC-S511-14 certified

Part Number	UL certified hose item	Colour	Ø (mm)	PS (bar)
F551627A	F551628A*	Yellow	38	21
F551741A	F551742A*	Brick Red	38	21
F551649A	F551647A*	Yellow	45	21
F551752A	F551751A*	Brick Red	45	21
F551650A	F551651A*	Yellow	52	21
F551763A	F551762A*	Brick Red	52	21
F551704A	F551705A*	Yellow	65	21
F551774A	F551773A*	Brick Red	65	21
F551715A	F551716A*	Yellow	76	21
F551785A	F551784A*	Brick Red	76	21
F551584A	F551585A*	Yellow	102	17
F551853A	F551852A*	Brick Red	102	17
F553134A	F553133A*	Yellow	127	15
F551854A	F551851A*	Brick Red	127	15
F551881A	-	Yellow	152	14
F551880A	-	Brick Red	152	14
F559248A	-	Brick Red	152	17

* Models certified according to UL 19 and CAN/ULC-S511-14 standards

ARMTEX HP - Flat extruded synthetic rubber hose with double textile reinforcement made of 100% high-tenacity fibers

- High pressure and maximum resistance hose for attack lines in firefighting. Excellent unfolding and high kink resistance during service.
- Standard length: Available in 15m and 30m lengths. Custom lengths are also available up to 200m upon request.
- Colour: yellow / red / blue / green
- Service Temperature Range: -30°C to +80°C

Part Number	Colour	Ø (mm)	PS (bar)
F230024A	Yellow Stripes	45	40
F230025A	Green Stripes	45	40
F230027A	Blue Stripes	45	40
F230022A	Blue	45	40
F230020A	Yellow Stripes	48	40
F230019A	Red Stripes	48	40
F230018A	Green Stripes	48	40
F230017A	Blue Stripes	48	40
F230023A	Blue	48	40
F230021A	Yellow Stripes	65	28
F230026A	Red Stripes	65	28
F230016A	Blue Stripes	65	28
F230029A	Orange Stripes	65	28



Armtex Jafrib



Armtex HP





RYLJET- Flat textile fire hose with internal PVC sleeve

- Flat hose for installation in BIES and hydrant supplies.
- Standard length: Available in sections of 15/20/25/30/40 and 60 m.
- Service Temperature Range: -20°C to +60°C / Hose diam. 45mm certified according to Norm EN 14540.

Part Number	Ø (mm)	Thickness (mm)	WP (bar)
F570993C	45	1.2	15
F570450C	70	1.2	15

RYLJET Assembled Hose

RYLJET assembled hose with FORTEX stamped aluminum BARCELONA couplings

Hose Ø (mm)	Part Number	Description	Length (m)
Diameter 45mm	R2404505.00150	RYLJET Ø45 T15 FORTEX 45	15
	R2404505.00200	RYLJET Ø45 T20 FORTEX 45	20
	R2404505.00250	RYLJET Ø45 T25 FORTEX 45	25
	R2404505.00300	RYLJET Ø45 T30 FORTEX 45	30
Diameter 70mm	R2407009.00150	RYLJET Ø70 T15 FORTEX 70	15
	R2407009.00200	RYLJET Ø70 T20 FORTEX 70	20
	R2407009.00250	RYLJET Ø70 T25 FORTEX 70	25
	R2407009.00300	RYLJET Ø70 T30 FORTEX 70	30

RYLJET assembled hoses with FORTEX stamped aluminum couplings are wire bonded by default and come with a thermoplastic protective sleeve.



RYLJET assembled hose with BARCELONA couplings in cast aluminum Type T

Hose Ø (mm)	Part Number	Description	Length (m)
Diameter 45mm	R2404503.00150	RYLJET Ø45 T15 BCN T 45	15
	R2404503.00200	RYLJET Ø45 T20 BCN T 45	20
	R2404503.00300	RYLJET Ø45 T30 BCN T 45	30
Diameter 70mm	R2407007.00150	RYLJET Ø70 T15 BCN T 70	15
	R2407007.00200	RYLJET Ø70 T20 BCN T 70	20
	R2407007.00300	RYLJET Ø70 T30 BCN T 70	30

RYLJET assembled hoses with BARCELONA couplings in cast aluminum Type T are wire bonded by default and come with a thermoplastic protective sleeve.

RYLJET assembled hose with aluminum STORZ Couplings

Hose Ø (mm)	Part Number	Description	Length (m)
Diameter 45mm	R2404507.00150	RYLJET Ø45 T15 STORZ C	15
	R2404507.00200	RYLJET Ø45 T20 STORZ C	20
	R2404507.00250	RYLJET Ø45 T25 STORZ C	25
	R2404507.00300	RYLJET Ø45 T30 STORZ C	30
Diameter 70mm	R2407010.00200	RYLJET Ø70 T20 STORZ B	20

RYLJET assembled hoses with BARCELONA couplings in cast aluminum Type T are wire bonded by default and come with a thermoplastic protective sleeve.



ALFLEX- Semi-rigid textile fire hose with internal thermo-rubber sleevesyntheticco.

- Semi-rigid textile hose for use in fire hose reels and hydrant fittings.
- Standard length: Available in 20/25/30 and 60 m sections.
- Service Temperature Range: -20°C to +60°C / Certified according to Norm EN 694.

Part Number	Ø (mm)	Thickness (mm)	WP (bar)
F570460A (m)	25	23	21
F570460A.00150 (T15m)	25	23	21
F570460A.00200 (T20m)	25	23	21
F570460A.00250 (T25m)	25	23	21
F570460A.00300 (T30m)	25	23	21



Alflex

ALFLEX BOOSTER- Semi-rigid textile fire hose with internal EPDM sleeve.

- Semi-rigid textile hose for use on emergency response vehicles and fire trucks.
- Standard length: Available in sections of 15/20/30/40 and 60 m.
- Service Temperature Range: -40°C to +82°C / Complies with EN 1947 Standard

Part Number	Ø (mm)	Thickness (mm)	WP (bar)
F570455A	25	23	40
F570455A.00200	25	23	40
F570455A.00300	25	23	40
F570455A.00400	25	23	40
F570455A.00600	25	23	40



Alflex Booster

RYLJET ATTACKE - Textile flat fire hose with EPDM rubber inner layer

- Firefighting hose, specially designed for fire departments. Type 1 hose according to DIN 14811 in White and Neon colors.
- Standard length: 15m sections for diameters from 75mm to 110mm and 20m sections for diameters of 25mm 75mm. Other special lengths available upon request.
- Service Temperature Range: -40°C to +80°C

Type 1 - White Textile according to DIN 14811

Part Number	Ø (mm)	Thickness (mm)	WP (bar)	BP (bar)	Radius of Curvature
I011025	25	1.8	16	60	200
I011038	38	2.0	16	60	
I011042	42	2.0	16	60	300
I011052	52	2.0	16	60	400
I011065	65	2.1	16	60	
I011075	75	2.1	16	60	500
I011110	110	2.2	12	40	550



Ryljet Attacke

Type 1 - Textile Neon according to DIN 14811

Part Number	Ø (mm)	Thickness (mm)	WP (bar)	BP (bar)	Radius of Curvature
I012025	25	1.8	16	60	200
I012042	42	2.0	16	60	300
I012052	52	2.0	16	60	400
I012075	75	2.1	16	60	500



Ryltec Fire Truck



RYLTEC FIRE TRUCKSTORZ fittings - Corrugated mandrel hose made of SBR rubber with textile reinforcement and steel wire spiral

- Corrugated mandrel hose for suction in fire trucks with Storz crimped fittings. Compliant with EN ISO 14557.
- Standard length: Available in 2m sections.
- Service Temperature Range: -30°C to +70°C / Diameter tolerance according to ISO1307

Part Number	Ø (mm)	Storz size	WP (bar)
R3311001.00018	110	110-A	10
R3315201.00018	150	150	5

Barcelona Couplings for Hose



BARCELONA COUPLINGS (UNE 23.400) for Hose

Stamped Aluminum - FORTEX		Type T cast aluminum	
Part Number	Ø (mm)	Part Number	Ø (mm)
I220703	19	I160041	38
I220680	25	I160001	45
I220007	38	I160040	52
I220677	45	I160044	65
I220005	52	I160005	70
I220682	70		
I220709	100		

Type A brass		KUGEL	
Part Number	Ø (mm)	Part Number	Ø (mm)
I160036	25	I220683	25
I160016	45	I220678	45
I160023	70	I220681	70

Barcelona - for Hose with Bushing



BARCELONA COUPLINGS (UNE 23.400) for Hose with Bushing

FORTEX		BUSHINGS - ANODIZED ALUMINUM	
Part Number	Ø (mm)	Part Number	Ø (mm)
I220708	25	C748200C	25
I220713	45	C748202C	45
I220676	70	C748204C	70

KUGEL	
Part Number	Ø (mm)
I220699	25
I220716	38
I220712	45
I220714	70



BARCELONA COUPLINGS (UNE 23.400) Fixed Female Thread

Stamped Aluminum - FORTEX		Type T cast aluminum	
Part Number	Ø (DN mm - Thread ")	Part Number	Ø (DN mm - Thread ")
I220700	25mm - 3/4"	I160003	45mm - 1 1/2"
I220688	25mm - 1"	I160007	70mm - 2 1/2"
I220694	45mm - 1 1/2"		
I220036	45mm - 2"		
I220037C	70mm - 2"		
I220038C	70mm - 2 1/2"		
I220039C	70mm - 3"		
I160013	100mm - 4"		

Type A brass		KUGEL	
Part Number	Ø (DN mm - Thread ")	Part Number	Ø (DN mm - Thread ")
I160043	25mm - 1"	I220060	25mm - 3/4"
I160020	45mm - 1 1/2"	I220061	25mm - 1"
I160029	70mm - 2 1/2"	I220693	45mm - 1 1/2"



Barcelona Couplings -
U - Fixed Female Thread

BARCELONA COUPLINGS (UNE 23.400) Fixed Male Thread

Stamped Aluminum - FORTEX		Type T cast aluminum	
Part Number	Ø (DN (mm) mm - Thread ")	Part Number	Ø (DN (mm) mm - Thread ")
I220689	25mm - 3/4"	I160002	45mm - 1 1/2"
I220690	25mm - 1"	I160006	70mm - 2 1/2"
I220701	45mm - 1 1/2"		
I220024	45mm - 2"		
I220027C	70mm - 2"		
I220028	70mm - 2 1/2"		
I160011	100mm - 4"		

Type A brass		KUGEL	
Part Number	Ø (DN (mm) mm - Thread ")	Part Number	Ø (DN (mm) mm - Thread ")
I160038	25mm - 1"	I220051	25mm - 3/4"
I160018	45mm - 1 1/2"	I220691	25mm - 1"
I160026	70mm - 2 1/2"	I220696	45mm - 1 1/2"
		I220697	70mm - 2 1/2"



Barcelona Couplings -
Fixed Male Thread

Barcelona Couplings - Plug



BARCELONA COUPLINGS (UNE 23.400) Plug			
Stamped Aluminum - FORTEX		Type T cast aluminum	
Part Number	Ø (mm)	Part Number	Ø (mm)
I220041	25	I160004	45
I220042	45	I160008	70
I220043	70		
I160014	100		

Type A brass		Purge Valve	
Part Number	Ø (mm)	Part Number	Ø (mm)
-	25	I080851	45-70
I160022	45		
I160031	70		

Barcelona - Couplings Reduction



BARCELONA COUPLINGS (UNE 23.400) Reduction			
Stamped Aluminum - FORTEX		KUGEL	
Part Number	Ø (mm)	Part Number	Ø (mm)
I220044	45 - 25	I220070	45 - 25
I220045	70 - 45		
I160015	100 - 70		

Type A brass	
Part Number	Ø (mm)
I160042	45 - 25
I160032C	70 - 45

Gaskets



BARCELONA COUPLING GASKETS (UNE 23.400)	
Part Number	Ø (mm)
I081636	25
I081637	45
I081638	70
I081639	100

BS 336 Couplings



BS 336 COUPLINGS for Hose - Male-female set	
Aluminum	
Part Number	Ø (in.)
C766005	1 1/2" for 1 1/2" hose
C766035	2 1/2" for 1 1/2" hose
C766040	2 1/2" for 1 3/4" hose
C766055	2 1/2" for 2 1/2" hose
C766070	2 1/2" for 2 3/4" hose

Brass	
Part Number	Ø (in.)
C766020	2 1/2" for 1 1/2" hose
C766045	2 1/2" for 1 3/4" hose
C766065	2 1/2" for 2 1/2" hose
C766075	2 1/2" for 2 3/4" hose

The codes for these couplings are for the male-female set



BS 336 Fixed Couplings

Aluminum - Male Thread

Part Number	Description	Ø (ND mm - Thread ")
C766080	BS336 FEMALE 1½" RE 1½" AL	38mm - 1½"
C766090	BS336 FEMALE 2½" RE 2" AL	52mm - 2"
C766095	BS336 FEMALE 2½" RE 2½" AL	65mm - 2½"
C766103	BS336 MALE 1½" RE 1" AL	25mm - 1"
C766105	BS336 MALE 1½" RE 1½" AL	38mm - 1½"
C766110	BS336 MALE 2½" RE 1½" AL	38mm - 1½"
C766125	BS336 MALE 1/2" RE 2 1/2" AL	65mm - 2½"

Aluminum - Female Thread

Part Number	Description	Ø (ND mm - Thread ")
C766097	BS336 FEMALE 2½" RI 1½" AL	38mm - 1½"
C766100	BS336 FEMALE 2½" RI 2" AL	52mm - 2"
C766102	BS336 FEMALE 2½" RI 2½" AL	65mm - 2½"
C766129	BS336 MALE 2½" RI 1½" AL	38mm - 1½"
C766131	BS336 MALE 2½" RI 2" AL	52mm - 2"
C766132	BS336 MALE 2½" RI 2½" AL	65mm - 2½"

BS 336 Fixed Coupling Aluminum. Female version with external thread.



BS 336 Fixed Coupling Aluminum. Male version with external thread.

BS 336 Fixed aluminum coupling. Female version with internal thread.



BS 336 Fixed Coupling Aluminum. Male version with internal thread.

BS 336 Fixed Couplings

Fire Hose Reel Nozzles - VTE / STI nozzle

Viper VTE without coupling

Part Number	Description	Ø (mm)
I150004C	VTE 1550	25
I150008C	VTE 2510	45
I150009C	VTE 1550 Brass	25
I150013C	VTE 2510 Brass	45



VTE 1550



VTE 2510

Viper VTE with BARCELONA couplings in FORTEX stamped aluminum

Part Number	Description	Ø (mm)
I150010	VTE 1550 + FORTEX 25	25
I150011	VTE 2510 + FORTEX 45	45
I150016	VTE 1550 BRASS + BRASS 25	25
I150003	VTE 2510 BRASS + BRASS 45	45



VTE 1550 Brass

Viper STI Nozzle - 1"

Part Number	Description	Ø (mm)
I211307	VIPER STI 30V 1" BSP	25
I217875	VIPER STI 45V 1" BSP	25
I217876	VIPER STI 60V 1" BSP	25



Bias Tape Spears

Brass valve for BIAS

Part Number	Description	Ø (in.)
I100011	VAL 90°LT RI 1" GW x RE 1" GW	1"
I100006	VAL 90°LT RI 1½" GW x RI 1½" GW	1 1/2"





2-WAY WATER DIVIDER

2-Way Divider with FORTEX INLET/OUTLET FITTINGS

Joint Article Bifurcation + Connector	Fortex Coupling Inlet	Fortex Coupling Outlet
I100095	1 x 25	2 x 25
I100096	1 x 45	2 x 25
I100105	1 x 70	2 x 45
I100008	1 x 70	2 x 70

Trifurcations with FORTEX INLET/OUTLET FITTINGS

Item Set: Trifurcations + Fitting	Fortex Coupling Inlet	Fortex Coupling Outlet
I100113	1 x 45	1 x 45 + 2 x 25
I100115	1 x 70	1 x 45 + 2 x 25
I100112	1 x 70	1 x 70 + 2 x 45

* Brass handles are available as an option for the 25mm and 45mm branches. Please inquire about price and availability.

2-Way Divider WITH 2 FORTEX OUTLET FITTINGS

Item Set: Branch + Fitting	Entrance	Fortex Coupling Outlet	Fortex Racor Article
I100094	RI - 1 1/2"	2 x 25mm	I220688
I100003	RI - 2 1/2"	2 x 45mm	I220701
I100005	RI - 3"	2 x 70mm	I220028C

* Also available with STORZ, BS 336 and DSP couplings

* Brass handles are available as an option for the 25mm and 45mm branches. Please inquire about price and availability.

2-Way Divider WITHOUT FITTINGS

Part Number	Entrance	Exit	Racor
I100001	RI - 1 1/2"	2 x RE 1"	NO
I100002	RI - 2 1/2"	2 x RI 1 1/2"	NO
I100004	RI - 3"	2 x RI 2 1/2"	NO
I110133C	RE - 4"	2 x RE 2 1/2"	NO

Trifurcations WITHOUT FITTINGS

Part Number	Entrance	Exit	Racor
I110142	RE - 2"	2 x RE 1" + 1 x RE 2"	NO
I110141	RE - 2.5"	2 x RE 2" + 1 RE 2.5"	NO

* Brass handles are available as an option for the 25mm and 45mm branches. Please inquire about price and availability.



Online Analog Pressure Gauge

Part Number	Description	Entrance	Exit	Racor
I219337	PN40 rotary pressure gauge	ABK - 25	ABK - 25	YEAH
I219404	PN40 rotary pressure gauge	RI - 1" BSP	RI - 1" BSP	NO
I219338	PN25 rotary pressure gauge	ABK-45	ABK-45	YEAH
I219405	PN25 rotary pressure gauge	RI - 1 1/2" BSP	RI - 1 1/2" BSP	NO



KUGEL BYPP - Mobile foam units

Units WITH FITTINGS			Units WITHOUT FITTINGS		
Part Number	Description	Ø (mm)	Part Number	Description	Racor
I190013	BYPP 100	25	I190012	BYPP 100	NO
I190016	BYPP 200	45	I190015	BYPP 200	NO
I190019	BYPP 400	45	I190018	BYPP 400	NO
I190020	BYPP 400	70	-	-	-

* Also available with STORZ, BS 336 and DSP couplings



KUGEL BYPP IF - Fixed foam units

Fixed foam units WITHOUT FITTINGS		
Part Number	Description	Ø (mm)
I190022	BYPP 100 IF	25
I190023	BYPP 200 IF	45



Kugel BYPP

KUGEL BYPP ADJ - Foam proportioners with selector

Foam proportioners with selector and WITHOUT FITTING		
Part Number	Description	Ø (in.)
I219360	BYPP ADJ 200	2" X 2" BSP
-	BYPP ADJ 400	2" X 2" BSP
-	BYPP ADJ 475	2" X 2" BSP
I190573	19MM HOSE FOR FOAM INDUCT D-25	



ADJ BYPP - Foam providers with selector

Foam providers with selector and without fittings		
Part Number	Description	Ø (in.)
C701054	BYPP ADJ 60	1 1/2" X 1 1/2" BSP
C701056	BYPP ADJ 95	1 1/2" X 1 1/2" BSP
C701057	BYPP ADJ 125	1 1/2" X 1 1/2" BSP
C701058	BYPP ADJ 250	2 1/2" X 2 1/2" BSP



Providers

ZERO BYPP - Foam proportioners with selector

Foam proportioners with selector and WITHOUT FITTING		
Part Number	Description	Ø (in.)
C702124	Z2R AL 2"BSP - 200 lpm	2" X 2" BSP
C702121	Z4R AL 2"BSP - 400 lpm	2" X 2" BSP
C702122	Z8R AL 2"BSP - 800 lpm	2" X 2" BSP
I190573	19MM HOSE FOR FOAM INDUCT D-25	



Zero BYPP

VIPER FOAM - Low expansion foam nozzle

Foam expanding lance		
Part Number	Description	Ø (mm)
I190028	VF1560 7L 1"BSP	25
I190031	VF3012 7L 1½"BSP	45
I190034	VF7515 7L 1½"BSP	45



Viper Foam



Firefighting Equipment

MEXP Foam



MEXP FOAM - Medium Expansion Foam Lances with Valve

Foam expanding lance		
Part Number	Description	Ø (mm)
C702145	MEXP 200 V 2" M BSPT	52
C702153	MEXP 400 V 2" M BSPT	52
C702156	MEXP 200 V BCN 45	BCN 45

CEP - Low expansion foam accessories

CEP - Low expansion foam accessories		
Range	Part Number	Description
CEP VIPER STI	I190036	CEP VIPER STI 30
	I190037	CEP VIPER STI 60/95
CEP VIPER ST	I190039	CEP VIPER ST 2510/5016
	I190036	CEP VIPER SG 1"
CEP VIPER SG	I190038	CEP VIPER SG 1 1/2"
	I190577	CEP VIPER SG 2 1/2"
CEP VIPER MATIC 3012	I219037	CEP VIPER MATIC 1 1/2"
	I218924	CEP VIPER BLUE DEVIL 1"
CEP VIPER BLUE DEVIL	I219037	CEP VIPER BLUE DEVIL 1 1/2"
	I190555	CEP VIPER BLUE DEVIL 2 1/2"
CEP VIPER ATTACK	I218924	CEP VIPER ATTACK 1"
	I219037	CEP VIPER ATTACK 1 1/2"
	I190555	CEP VIPER ATTACK 2 1/2"

CEP



GENFO - Fire extinguisher backpacks

GENFO - Fire extinguishing backpacks	
Part Number	Description
I200549	GENFO EVO - Flexible fire extinguisher backpack
I200547	GENFO EVO QC - Flexible fire extinguisher backpack with quick connector
I200546C	GENFO PRO - Flexible fire extinguisher backpack covered in fabric for a better fit

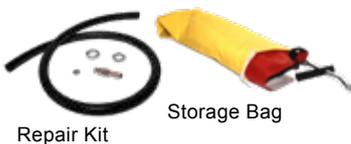
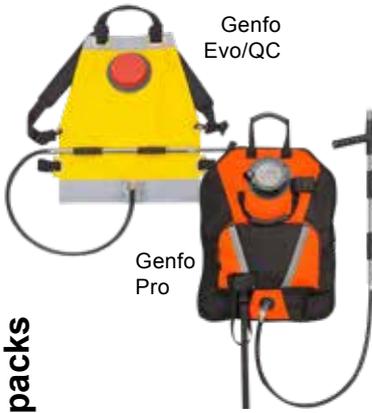
GENFO - Hose holder backpack

Part Number	Description
I200017	GENFO CARRY - Hose Carrier Backpack

GENFO - Accesories

Part Number	Description
I230196	REP KIT GENFO EVO QC - Repair Kit
I200538	EVO QC QUICK CONNECTION
I230318	REP KIT GENFO EVO - Repair Kit
I230319	REP KIT GENFO EVO/QC BAG
I200011	GENFO EVO PROTECT - Storage Bag for GENFO EVO/QC backpack
I200008	GENFO Foam Expander

Fire Extinguisher Backpacks



Manual tools for fighting forest fires

Manual tools for forest fires	
Part Number	Description
I200034	Axe-hoe or pulaski with a wooden handle
I200024	synthetic rubber fire beaters
-	Multifunctional tool
-	Drip torch - 1L



Manual Tools

Nozzles for fighting forest fires

Nozzles for fighting forest fires	
Part Number	Description
I217874	VIPER STI 15 V CC.1" GW
I211307	VIPER STI 30 V CC.1" GW
C701006	FOREST 1"BSP L
I219932	(A-011) SPARTAN 25 RYL 1"BSP - 19L
I219932	(A-012) SPARTAN 25 RYL 1"BSP - 50L
I211317	SG540MOP L 1"BSP
I230212	VA540RYL 6L 1"BSP



Nozzles

VIPER STI - Nozzles for the protection of industrial facilities

VIPER STI				
Range	Part Number	Caudal lpm (at 6 bar)	Spraying System	Description
VIPER STI Nozzle	I217874	50	Bumper with fixed teeth	VIPER STI 15 nozzle with closure and 1" BSP internal thread
	I211307	115	Bumper with fixed teeth	VIPER STI 30 nozzle with closure and 1" BSP internal thread
	I217875	160	Bumper with fixed teeth	VIPER STI 45 nozzle with closure and 1" BSP internal thread
	I217876	210	Bumper with fixed teeth	VIPER STI 60 nozzle with closure and 1"BSP internal thread
VIPER STI without handle grip	I217942	50	Bumper with fixed teeth	Nozzle without handle grip VIPER STI 15 with shutoff and 1" BSP internal thread
	I217449	115	Bumper with fixed teeth	Nozzle without handle grip VIPER STI 30 with shutoff and internal thread 1" BSP
	I218296	160	Bumper with fixed teeth	Nozzle without handle grip VIPER STI 45 with shutoff and 1" BSP internal thread
	I218055	210	Bumper with fixed teeth	Nozzle without handle grip VIPER STI 60 with shutoff and internal thread
VIPER STI (full nozzle)	I218145	50	Bumper with fixed teeth	VIPER STI 15 with shutoff and internal thread 1" BSP
	I217444	115	Bumper with fixed teeth	VIPER STI 30 with shutoff and internal thread 1" BSP
	I217844	160	Bumper with fixed teeth	VIPER STI 45 with shutoff and internal thread 1" BSP
	I217871	210	Bumper with fixed teeth	VIPER STI 60 with shutoff and internal thread 1 1/2" BSP
	I217799	330	Bumper with fixed teeth	VIPER STI 95 without shutoff and internal thread 1 1/2" BSP



Viper STI



Viper ST



VIPER ST Mouthpiece



VIPER ST Nozzle without handle grip



VIPER ST (full nozzle)

VIPER ST - Nozzles for the protection of industrial facilities

VIPER ST Mouthpiece				
Range	Part Number	Flow rate lpm (at 6 bar)	Spray System	Description
VIPER ST Nozzle	I217490	360	Turbine	VIPER ST 2510 nozzle with internal thread 1 1/2" BSP
	I217515	475	Turbine	VIPER ST 5016 nozzle with internal thread 1 1/2" BSP
VIPER ST without handle grip	I210517	360	Turbine	Nozzle without handle grip Viper ST 2510 with internal thread 1 1/2" BSP
	I210520	475	Turbine	Nozzle without handle grip VIPER ST 5016 with internal thread 1 1/2" BSP
	I217956	475	Turbine	Nozzle without handle grip VIPER ST 5016 with internal thread 2 1/2" BSP
VIPER ST (full nozzle)	I210524	360	Turbine	VIPER ST 2510 with internal thread 1 1/2" BSP
	I210530	475	Turbine	VIPER ST 5016 with internal thread 1 1/2" BSP
	I211340	475	Turbine	VIPER ST 5016 with internal thread 2 1/2" BSP

Viper FT



VIPER FT - Automatic Nozzles

VIPER FT			
Part Number	Flow rate lpm (at 6 bar)	Description	Spray System
I210459	100/330	VIPER FT 2510 with internal thread 1 1/2" BSP	Turbine
I210462	200/550	VIPER FT 5016 with internal thread 1 1/2" BSP	Turbine

Viper CG



VIPER CG - Constant Flow Nozzles

VIPER CG			
Part Number	Caudal lpm (at 6 bar)	Description	Spray System
I210478	360	VIPER CG 2510 with internal thread 1 1/2" BSP	Turbine
I250099	475	VIPER CG 5016 with internal thread 1 1/2" BSP	Turbine





VIPER SPARTAN - Light and compact premium constant flow Nozzles - Includes patented RYLSTATIC system

VIPER SPARTAN						
Model	Part Number	Caudal lpm (at 6 bar)	Variant	Flow rate (lpm)	Thread Type	Spray System
VS 25	I219932	19/50/150/250	A-011	19	1" BSP Female	Rylstatic
			A-012	50	1" BSP Female	Rylstatic
			A-013	150	1" BSP Female	Rylstatic
			A-014	250	1" BSP Female	Rylstatic
VS 95	I218883	250/360/400/500	A-011	250	1 1/2" BSP Female	Turbine
			A-012	360	1 1/2" BSP Female	Turbine
			A-013	400	1 1/2" BSP Female	Turbine
			A-014	500	1 1/2" BSP Female	Turbine
	I218890		A-011	250	1 1/2" BSP Female	Rylstatic
			A-012	360	1 1/2" BSP Female	Rylstatic
			A-013	400	1 1/2" BSP Female	Rylstatic
			A-014	500	1 1/2" BSP Female	Rylstatic
VS 150	I218912	500/550/650/750	A-011	500	1 1/2" BSP Female	Rylstatic
			A-012	550	1 1/2" BSP Female	Rylstatic
			A-013	650	1 1/2" BSP Female	Rylstatic
			A-014	750	1 1/2" BSP Female	Rylstatic
VS 300	-	950	-	950	2 1/2" BSP Female	Rylstatic
			-	1000	2 1/2" BSP Female	Rylstatic



Viper Spartan

All these Nozzles incorporate either the patented RYLSTATIC system or a rotating turbine.

All these Nozzles are calibrated in liters and at 6 bar (according to EN 15182 regulations) and incorporate a rotating thread. Nozzles calibrated in gallons and at 7 bar (according to NFPA standard) are also available.

VIPER SG - Selectable Gallonage Nozzles

VIPER SG			
Part Number	Flow rate lpm (at 6 bar)	Description	Spray System
I211209	19/37/90/150	VIPER SG 540 with 1" BSP internal thread (calibrated in liters)	Turbine
I210421	50/125/200/230	VIPER SG 1560 with 1" BSP internal thread (calibrated in liters)	Turbine
I210427	115/230/360/475	VIPER SG 3012 with 1 1/2" BSP internal thread (calibrated in liters)	Turbine
I218249	115/230/360/475	VIPER SG 3012 with 2" BSP external thread (calibrated in liters)	Turbine
I210432	265/380/500/600	VIPER SG 7515 with 1 1/2" BSP internal thread (calibrated in liters)	Turbine
I210438	360/475/600/800	VIPER SG 9520 with 1 1/2" BSP internal thread (calibrated in liters)	Turbine
I210440	360/475/600/800	VIPER SG 9520 with 2 1/2" BSP internal thread (calibrated in liters)	Turbine
I210446	500/600/800/1000	VIPER SG 12250 with 2 1/2" BSP internal thread (calibrated in liters)	Turbine



Viper SG





Launch BLUE DEVIL with rotating turbine (external teeth)



Launch BLUE DEVIL with patented RYLSTATIC system

VIPER BLUE DEVIL - Professional Selectable Gallonage Nozzles - with optional RYLSTATIC system

BLUE DEVIL						
Model	Part Number	Caudal lpm (at 6 bar)	Thread type	Spray System	EN 15182 Certification	PN
BD 550	I217596	25/50/125/175	1" BSP Female	Turbine	-	PN40
	I217631		1" BSP Female	Rylstatic	-	PN40
	I218160		1" BSP Female	Rylstatic	-	PN16
	I218172		1 1/2" BSP Female	Rylstatic	-	PN16
	I219979		2" BSP Male	Rylstatic	-	PN16
BD 1330	I218179	50/90/115	1" BSP Female	Turbine	-	PN40
	I217692		1" BSP Female	Rylstatic	-	PN40
	I230006		1 1/2" BSP Female	Rylstatic	-	PN16
BD 1035	I230009	40/80/130	1" BSP Female	Rylstatic	-	PN40
	I230039		1 1/2" BSP Female	Rylstatic	-	PN16
BD 1540	I230208	50/100/150	1" BSP Female	Rylstatic	-	PN40
	I230207		1" BSP Female	Rylstatic	-	PN16
BD 1560	I217795	50/100/160/210	1" BSP Female	Turbine	Yes-PN16*	PN16
	I217812		1" BSP Female	Rylstatic	Yes-PN16*	PN16
	I218149		1" BSP Female	Turbine	-	PN40
	I218147		1" BSP Female	Rylstatic	-	PN40
	I230284		1 1/2" BSP Female	Rylstatic	-	PN16
	I220001		1 1/2" BSP Female - Without Handle	Rylstatic	-	PN16
BD 3012	I218168	115/230/360/465	2" BSP Male	Rylstatic	-	PN16
	I219961		1 1/2" BSP Female	Turbine	Yes-PN16*	PN16
	I230270		1 1/2" BSP Female	Rylstatic	Yes-PN16*	PN16
	I218241		2" BSP Male	Turbine	Yes-PN16*	PN16
BD 3013	I230271	115/230/360/500	2" BSP Male	Rylstatic	Yes-PN16*	PN16
	I230169		1 1/2" BSP Female	Rylstatic	Yes-PN16*	PN16
BD 3015	I230168	100/210/330/430/525	2" BSP Male	Rylstatic	Yes-PN16*	PN16
	I219965		1 1/2" BSP Female	Turbine	-	PN16
BD 4013	I230272	150/250/500	1 1/2" BSP Female	Rylstatic	-	PN16
	I230067		2" BSP Male	Turbine	-	PN16
	I230066		2" BSP Male	Rylstatic	-	PN16
	I230166		1 1/2" BSP Female	Rylstatic	-	PN16
BD 7515	I230165	260/330/430/525	2" BSP Male	Rylstatic	-	PN16
	I219963		1 1/2" BSP Female	Turbine	-	PN16
	I218915		1 1/2" BSP Female	Rylstatic	-	PN16
BD 9520	I217856	360/470/560/750	2" BSP Male	Rylstatic	-	PN16
	I230129		1 1/2" BSP Female	Rylstatic	Yes-PN16*	PN16
	I230121		2" BSP Male	Rylstatic	Yes-PN16*	PN16
BD 12250	I218200	470/560/750/950	2 1/2" BSP Female	Rylstatic	Yes-PN16*	PN16
	I230117		2 1/2" BSP Female	Turbine	-	PN16
	I230120		2" BSP Male	Rylstatic	Yes-PN16*	PN16
	I230116		2 1/2" BSP Female	Rylstatic	Yes-PN16*	PN16

All Nozzles incorporate either the patented RYLSTATIC system or a rotating turbine (external teeth).

All Nozzles are calibrated in liters at 6 bar (according to EN 15182 regulations) and incorporate a rotating thread. Nozzles calibrated in gallons at 7 bar (according to NFPA standard) are also available.

*Nozzles with AENOR certification.

VIPER ATTACK - Lightweight and compact premium Selectable Gallonage Nozzles - Includes patented RYLSTATIC system

VIPER ATTACK

Model	Part Number	Caudal lpm (at 6 bar)	Thread Type	Spraying System	EN 15182 Certification	PN
VA539	I230305	19/37/90/150	1" BSP Female	Rylstatic	-	PN40
	I230304		1" BSP Female	Dual	-	PN40
VA 540	I230316	25/50/75/150	1" BSP Female	Rylstatic	-	PN40
	I230212		1" BSP Female - FOREST	Rylstatic	-	PN40
	I230232		1" BSP Female - LIGHT	Rylstatic	-	PN40
	I230339		1" BSP Female	Dual	-	PN40
	I230340		1" BSP Female - LIGHT	Dual	-	PN40
VA 550	I218155	25/50/125/175	1" BSP Female	Rylstatic	-	PN40
	I230290		1" BSP Female	Dual	-	PN40
VA562	I230198	25/40/100/150/235	1" BSP Female	Dual	-	PN40
VA 1560	I218213		1" BSP Female	Rylstatic	-	PN40
VA 1562	I230143	50/100/160/235	1" BSP Female	Rylstatic	Yes-PN40*	PN40
	I230327		1" BSP Female	Dual	Yes-PN40*	PN40
	I230107		1 1/2" BSP Female	Rylstatic	-	PN16
VA 1566	I230174	50/100/160/250	1" BSP Female	Rylstatic	-	PN40
	I230291		1" BSP Female	Dual	-	PN40
VA 3510	I230201	130/230/300/400	2" BSP Male	Rylstatic	-	PN16
	I230105		1 1/2" BSP Female	Rylstatic	-	PN16
VA 3012*	I230052	115/230/360/475	1 1/2" BSP Female	Rylstatic	-	PN16
	I230292		1 1/2" BSP Female	Dual	-	PN16
	I230075		2" BSP Male	Rylstatic	-	PN16
	I230050		2" BSP Male	Dual	-	PN16
VA 12250	I230217	470/560/750/950	2" BSP Male	Rylstatic	-	PN16
	I230216		2 1/2" BSP Female	Rylstatic	-	PN16



Viper Attack

All these Nozzles incorporate the patented RYLSTATIC system.

All these Nozzles are calibrated in liters and at 6 bar (according to EN 15182 regulations) and incorporate a rotating thread. Nozzles calibrated in gallons and at 7 bar (according to NFPA standard) are also available.

*This nozzle is UL certified, marked in gallons per minute (GPM) and has an NPSH or NST inlet thread.

*These nozzles are AENOR certified.

VIPER MATIC - Premium automatic, lightweight and compact nozzles - They include the patented RYLSTATIC system

VIPER MATIC

Model	Part Number	Flow rate lpm (at 4.2-7.8 bar)	Thread Type	Spraying System	EN 15182 Certification
VM3012	I219220	150 - 450	1 1/2" BSP Female	Dual	-



ADALIT FLASHLIGHTS - With Nozzle Mount

ADALIT

Part Number	Code	Description
L5POWER	I217500	L5POWER FLASHLIGHT - AAA BATTERIES INCLUDED + HELMET ADAPTER
L5RPOWER	I217501	L5RPOWER FLASHLIGHT - RECHARGEABLE BATTERY INCLUDED + HELMET ADAPTER
L5RPOWER FLASHLIGHT CHARGER	I217502	L5RPOWER FLASHLIGHT CHARGER - 12V 100/240V
L30F FLASHLIGHT	I217503	L30F FLASHLIGHT - RECHARGEABLE BATTERY INCLUDED + HELMET ADAPTER
L30F FLASHLIGHT CHARGER	I217507	L30F FLASHLIGHT CHARGER - 12V 100/240V



Adalit Flashlights - with Spear Support



Curtain Spears



CURTAIN SPEARS

CURTAIN SPEARS		
Part Number	Code	Description
LANCE CURTAIN 1"	I217497	CURTAIN LANCING 250LTS ABF25
2" CURTAIN LAUNCHER	I217492	CURTAIN LANCING RE 2" 500LTS
CURTAIN LAUNCH FORTEX 45	I217493	500L ABF45 Curtain Lance

German lances



GERMAN SPEARS

GERMAN SPEARS 3 EFFECTS		
Part Number	Code	Description
GERMAN SPEAR 3 EFFECTS 1"	I150024	GERMAN LANCE 3 EFFECTS POLYAMIDE RE 1"
GERMAN SPEAR 3 EFFECTS 2"	I150025	GERMAN SPEAR 3 EFFECTS TO RE. 2"
GERMAN SPEAR 3 EFFECTS 2 1/2"	I150027	GERMAN SPEAR 3 EFFECTS TO RE. 2 1/2"

GERMAN LANCES 4 EFFECTS - MULTIJET

Part Number	Code	Description
GERMAN SPEAR 4 EFFECTS 2"	I150029	GERMAN SPEAR 4 EFFECTS TO RE 2"
GERMAN SPEAR 4 EFFECTS 2 1/2"	I150030	GERMAN SPEAR 4 EFFECTS TO RE 2 1/2"

Viper Bore



VIPER BORE - Constant flow Nozzles with compact stream

VIPER BORE NOZZLES			
Part Number	Guy	Hole size (mm - inches)	Thread type
I218674	Standard Nozzle (Plain Tip)	9.5mm - 3/8"	1" NH Female
I218675		12.7mm - 1/2"	1" NH Female
I218646		15.9mm - 5/8"	1" NH Female
I218677		15.9mm - 5/8"	1 1/2" NH Female
I218676		19.1mm - 3/4"	1 1/2" NH Female
I218649		22.2mm - 7/8"	1 1/2" NH Female
I218678		23.8mm - 15/16"	1 1/2" NH Female
I218668	Fine Nozzle (Smooth Bore Tip)	19.1mm - 3/4"	1 1/2" NH Female
I218669		22.2mm - 7/8"	1 1/2" NH Female
I218670		23.8mm - 15/16"	1 1/2" NH Female
I218671		25.4mm - 1"	1 1/2" NH Female
I218672		27.0mm - 1 1/16"	1 1/2" NH Female
I218644		28.6mm - 1 1/8"	1 1/2" NH Female
I218673		31.8mm - 1 1/4"	1 1/2" NH Female
I218691	Dual Nozzle (Dual Stacked Tip)	DUALTIP 1/2" 15/16" 1.5 NH	1 1/2" NH Female



ACCESSORIES FOR VIPER BORE NOZZLES			
Part Number	Type	Hole size (mm - inches)	Thread type
I218647	Adapter (Adapter Bore)	23.8mm - 15/16"	1 1/2" NH Female
C701003	Stream Shaper	-	1 1/2" NH Female
C701004	Stream Shaper	-	1 1/2" BSP Female



VALVES - Shut-off valves with connection thread

VIPER VALVES WITH HANDLE				
Part Number	Waterway Size (inches)	Bore Size (mm - inches)	Inlet Thread - Outlet Thread (mm)	Inlet Thread - Outlet Thread (inches)
I210560	1"	25.4mm - 1"	25mm BSP Female - 25mm BSP Male	1" BSP Female - 1" BSP Male
I210563			38mm BSP Female - 38mm BSP Male	1 1/2" BSP Female - 1 1/2" BSP Male
I218250*	1"	25.4mm - 1"	25mm BSP Female - 25mm BSP Male	1" BSP Female - 1" BSP Male
I230144*			25mm BSP Female - 25mm NH Male	1" BSP Female - 1" NH Male
I218252*			38mm BSP Female - 38mm BSP Male	1 1/2" BSP Female - 1 1/2" BSP Male
I230195*			38mm BSP Female - 38mm NH Male	1 1/2" BSP Female - 1 1/2" NH Male
I218280*			52mm BSP Male - 38mm NH Male	2" BSP Male - 1 1/2" NH Male
I230073*	1 3/8"	25.4mm - 1"	38mm BSP Female - 38mm NH Male	1 1/2" BSP Female - 1 1/2" NH Male
I230094*			22.2mm - 7/8"	2" BSP Male - 1 1/2" NH Male
I230095*			23.8mm - 15/16"	2" BSP Male - 1 1/2" NH Male
I230080*			25.4mm - 1"	2" BSP Male - 1 1/2" NH Male
I230194*			34.9mm - 1 3/8"	2" BSP Male - 1 1/2" NH Male



* These models incorporate a stainless steel ball valve.

VIPER VALVES WITHOUT PISTOL GRIP				
Part Number	Waterway Size (inches)	Bore Size (mm - inches)	Inlet Thread - Outlet Thread (mm)	Inlet Thread - Outlet Thread (inches)
I230096	1 3/8"	22.2mm - 7/8"	52mm BSP Male - 38mm NH Male	2" BSP Male - 1 1/2" NH Male
I230100		23.8mm - 15/16"	52mm BSP Male - 38mm NH Male	2" BSP Male - 1 1/2" NH Male
I230101		25.4mm - 1"	52mm BSP Male - 38mm NH Male	2" BSP Male - 1 1/2" NH Male
I217872	1 3/8"	35mm - 1 3/8"	64mm BSP Male - 38mm NH Male	2 1/2" BSP Female - 1 1/2" NH Male



Rep-Kit



REP-KIT		
Part Number	Description	Component
I210543	REP-KIT SG1560 GW/IPT 1"	COMPLETE SPEAR
I210545	REP-KIT SG3012/7515 GW/IPT11/2	COMPLETE SPEAR
Part Number	Description	Component
I218263	REP-KIT NOZZLE BD25 RYL	NOZZLE
I218262	REP-KIT NOZZLE BD25 TUR	NOZZLE
I218230	REP-KIT NOZZLE BD45 RYL	NOZZLE
I218261	REP-KIT NOZZLE BD45 TUR	NOZZLE
I218259	REP-KIT NOZZLE BD70 RYL	NOZZLE
Part Number	Description	Component
I218266	REP-KIT BOQ V. ATTACK 1"	NOZZLE
I230323	REP KIT BOQ VA3012	NOZZLE
I230324	REP KIT BOQ VA12250	NOZZLE
Part Number	Description	Component
I218858	VIPER VALVE REP-KIT 1" - 1.5" BSP	VALVE
I218260	REP-KIT VALVE VIPER 70 2.5" BSP	VALVE
Part Number	Description	Component
I218264	REP-KIT VALVE BD25 1"	VALVE
I218231	REP-KIT BD45 1.5"/2" VALVE	VALVE
I211373	REP-KIT VALVE BD70 2 1/2" BSP	VALVE
Part Number	Description	Component
I218265	REP-KIT VALVE V.ATTACK 1"	VALVE
I230325	REP KIT VALVE VA 45	VALVE
I211373	REP-KIT VALVE VA70 2 1/2" BSP	VALVE

Monitors



MONITORS			
MONITOR NOZZLES - Flow Selectors - 2½" BSP Internal Thread Inlet			
Model	Flow (lpm)	Material	Part Number
SG 300 600	1200-1600-2000-2400	Aluminum	C701012
		Brass	C701013
SG 350 1000	1325-1900-2900-3800	Aluminum	C701016
		Brass	C701017
SG 500 1250	1900-2900-3800-4800	Aluminum	C701018
		Brass	-
MONITOR NOZZLES - Adjustable Flow Rate - 2.5" BSP Internal Threaded Inlet			
Model	Flow (lpm)	Material	Part Number
AF 150 500	550-950-1300-1900	Aluminum	C701020
		Brass	C701024
AF 300 700	1150-1900-2650	Aluminum	-
		Brass	C701026
SELF-SUCTING MONITOR NOZZLES - 2½" BSP Internal Threaded Inlet			
Model	Flow (lpm)	Material	Part Number
SE 350	1325	Aluminum	-
		Brass	-
SE 500	1900	Aluminum	C701029
		Brass	C701030





FIXED INDUSTRIAL MONITORS - MADE OF BRASS - FM CERTIFICATES - WITHOUT NOZZLE - Outlet with 2½" BSP external thread

Model	Direction of the Flow Control	Direction of the Flow Control	Flange Type - Support	Part Number
IND 750 TB	Manual bar	2½" - up to 750 gpm (2900lpm)	4"ANSI 150lbs	C701035
IND 1250 TB	Manual bar	3" - up to 1250 gpm (4800lpm)	4"ANSI 150lbs	C701039
		3" - up to 1250 gpm (4800lpm)	4"DIN PN16	C701040
IND 1250 HW	Manual wheel	3" - up to 1250 gpm (4800lpm)	4"ANSI 150lbs	C701038
		3" - up to 1250 gpm (4800lpm)	4"DIN	C701045



Model IND 750 TB



Model IND 1250 TB



Model IND 1250 HW

PORTABLE MONITORS - MADE OF ALUMINUM - NOZZLELESS - 2½" BSP EXTERNAL THREADED OUTLET

Model	Direction of the Flow Control	Flow (lpm)	Inlet Type	Part Number
QA 5001 E	Manual Bar	1900	2½" BSP Female Thread	C701042
GM 8002 E	Manual Wheel	3030	2 x 2½" BSP Female Thread	C701046
PO 5001 E *	Manual Bar + Oscillation Control	1900	2½" BSP Female Thread	C701048



Model QA 5001 E



Model GM 8002 E



Model PO 5001 E

* This monitor incorporates a pressure gauge to monitor water pressure.

Monitors

FIRE BOX CABINET

Part Number	Description	Measures
I081911	ROTO-BOX SHED	587 x 567 x 1,504 mm

*The price of the Rotobox shed does not include the interior material.



Fire Box Cabinet

FILTER HOSES ASPIRATION

Part Number	Description
I250103	VALV.FOOT AL.W/STORZ FILTER C
I250131	FOOT VALVE 4" AL.C/FIL.STORZ110A
I250105	VALV.FOOT AL.W/STORZ FILTER B



Filter Hoses Aspiration





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**KURIYAMA
HOLDINGS**



Kuriyama Europe



Care, Maintenance and Storage

(Reprinted from the Hose Manual of the Rubber Manufacturers Association (RMA) 1 P-2 - Fourth Edition)

The hose has a limited service life, and the user must be alert to signs of imminent failure, particularly when working conditions include high working pressures and/or the transportation or containment of hazardous materials.

GENERAL CARE AND MAINTENANCE OF THE HOSE

The hose must not be subjected to any form of abuse in service. It must be handled with reasonable care. Hoses must not be dragged over sharp or abrasive surfaces unless specifically designed for such use. Care should be taken to protect the hose from extremely heavy weights for which the hose or hose assembly was not designed. The hose should be used at its tested working pressure or less; any change in pressure should be made gradually so as not to subject the hose to excessive overload pressures. The hose should not be twisted or run over by equipment. To handle a large hose, a hand truck should be used whenever possible; to load a heavy hose while in use for oil suction and discharge service, slings or rigging should be used for handling, properly positioned.

STORAGE

Stored rubber hose products can be adversely affected by temperature, humidity, ozone, sunlight, oil, solvents, corrosive liquids and gases, insects, rodents, and materials. The appropriate method for storing hose depends largely on its size (diameter and length), the quantity to be stored, and the way it is packaged.

Hose should not be stacked so high that the weight of the stack causes distortion in the hoses at the bottom. Since hoses vary considerably in size, weight, and length, making it impractical to establish definitive recommendations on this point. Thin-walled hoses will not support the load that thick-walled or wire-reinforced hoses can. Hoses shipped in rolls or bundles should be stored with the rolls laid horizontally.

Whenever possible, rubber hose products should be stored in their original shipping containers, especially wooden or cardboard crates, which provide some protection against the deteriorating effects of oils, solvents, and corrosive liquids. Shipping containers also offer some protection against ozone and sunlight.

The ideal temperature for storing rubber products ranges from 50° to 70°F (10-20°C), with a maximum limit of 100°F (38°C). If stored below 32°F (0°C), some rubber products will harden and require warming before use. Rubber products should not be stored near heat sources such as radiators, heaters, etc., nor should they be stored under high or low humidity conditions.

To avoid the adverse effects of high ozone concentrations, rubber hose products should not be stored near electrical equipment that can generate ozone or stored for extended periods in geographic areas known to have high ozone concentrations. Exposure to direct or reflected sunlight—even through windows—should be avoided. Uncovered hose should not be stored under mercury vapor or fluorescent lamps, which generate light waves that are harmful to rubber.

Technical Data

Flexibility and Curvature Radius

Flexibility and minimum bend radius are important factors in the design and selection of hoses if it is known that the hoses will be subject to sharp bends in normal use. When bent at too sharp an angle, the hose may twist or flatten in cross-section. The reinforcement may also be put under stress or distorted, thereby shortening the life of the hose. Adequate flexibility means that the hose can conform to the smallest bend radius without exceeding stress. The minimum bend radius is generally specified for each hose in this catalog. This is the radius to which the hose can be bent in service without damaging or significantly shortening its life. The radius is measured on the inside of the bend

Formula for determining the minimum length given the radius of curvature and the degree of bend required:

$$L = \frac{A}{360^\circ} \times 2\pi B$$

Where:

L = Minimum hose length to achieve the bend (the bend must be made equally in this section of hose length).

A = Bend angle

B = Given radius of curvature of the hose

$\pi = 3.14$

Example: To achieve a 60° bend at the minimum bend radius of the hose of 15 cm:

$$L = \frac{60}{360^\circ} \times 2 \times 3.14 \times 15 \cong 16 \text{ cm}$$

Therefore, the bend must be made over a 16 cm length of hose. The bend radius used must be greater than or equal to the minimum recommended bend radius. Bending the hose to a bend radius less than the minimum can twist the hose and result in damage and early failure. The definition of Oil Resistance currently relates to the percentage of stress retention and the percentage of volume increase of the material after immersion in American Society for Testing and Materials (ASTM) No. 3 oil and ASTM Type B fuel for 70 hours at 100° C (212°F). The hose industry currently classifies materials as follows:

Oil Resistance

Material Classification		Tension Retention	Volume Increase
Maximum Resistance to Oil	ASTM No. 3 Oil	80% Min.	25% Max.
	ASTM 'B' Fuel	50% Min.	35% Max.
Maximum Resistance to Oil	ASTM No. 3 Oil	40% Min.	100% Max.
	ASTM 'B' Fuel	35% Min.	60% Max.
Maximum Resistance to Oil	ASTM No. 3 Oil	Less than 40%	Over 100%
	ASTM 'B' Fuel	Less than 35%	More than 80%.

Safety Data

Air hose — 4:1 Safety factor. Burst vs. Working pressure
Water hose — 3:1 Safety factor. Burst vs. Working pressure
Steam hose — 10:1 Safety factor. Burst vs. Working pressure



Chemistry Guide

The Chemical Guides in this section are provided as a general indication of the compatibility of the various materials used in hoses with the chemicals and fluids listed. The basis for the ratings in this guide includes service experience, advice from various polymer suppliers, and the professional opinion of our rubber chemists. When in doubt, test a sample of the compound with the particular chemical you will be handling. Some of the variables that come into play in a compound's resistance to chemical attack are:

1. Temperature of Transmitted Material:

High temperatures increase the effect of chemicals on rubber compounds. The increase varies depending on the polymer and the chemical. A compound that is suitable at room temperature may fail quickly at higher temperatures.

2. Terms of Service:

A rubber compound typically expands when exposed to a chemical. With a given percentage of expansion, the hose tube may perform satisfactorily if the hose is in a static condition, but fail quickly if the hose is under flexion.

3. The Grade or Combination of the Rubber Compound:

Basic rubber polymers are sometimes blended to enhance a particular property for a specific application. The reaction to a particular chemical combination of polymers may therefore be somewhat different from the reaction to the same polymers individually. When in doubt, test a sample of the compound with the particular chemical you will be handling.

General Chemical Resistance of Hose Compounds

Common Name	Designation ASTM D1418-93	Composition	General Properties
Natural Rubber	NR	Isoprene rubber	Excellent physical properties, including abrasion resistance. Not oil resistant.
SBR	SBR	Styrene-butadiene rubber	Excellent physical properties, including abrasion resistance. Not oil resistant.
EPM o EPDM	EPDM	Ethylene propylene diene terpolymer	Good polymer for general use. Excellent resistance to heat, ozone, and weathering. Not resistant to oil.
Neoprene	CR	Chloroprene	Excellent weather resistance. Fire retardant. Good oil resistance. Good physical properties.
BUNA-N o Nitrilo	NBR	Nitrile butadiene	Excellent oil resistance. Good physical properties.
Hypalon®	CSM	Chlorosulfonated polyethylene	Excellent resistance to ozone, weathering, and acid. Good resistance to abrasion and heat. Can be produced in compounds with good oil resistance.
Cross-linked polyethylene	XLPE	Cross-linked polyethylene	Excellent resistance to most solvents, oils, and chemicals. Not to be confused with the chemical properties of standard polyethylene.
Butyl	IIR	Isobutene Isoprene	Very good weather resistance, low air permeability. Good physical properties. Poor resistance to petroleum-based fluids.
High-density polyethylene	UHMWPE	Ultra-High Molecular Weight Polyethylene	Excellent resistance to most existing chemicals. Complies with FDA requirements for food and beverages.
Synthetic Rubber		Synthetic Rubber	Black conductive synthetic rubber, excellent resistance to biofuel-based fluids.



Chemical Resistance Table

Note: All data is based on 20°C (68°F) unless otherwise specified.

In White = No data available
E = Excellent
B = Good

R = Regular
C = Conditional

I = Insufficient Data
X = Not satisfactory

IIR	CR	CSM	EPDM	NBR	NR	SBR	XLPE	UHMWPE	T629AA	Chemical or Material Conveyed	IIR	CR	CSM	EPDM	NBR	NR	SBR	XLPE	UHMWPE	T629AA	Chemical or Material Conveyed	
X	E	X	X	E	X	X	X	E	E	White Oil											Ethylene G. Monoethyl E Acetate	
X	X	X	X	E	X	X	E	E	E	Bunker Oil	B	X	X	E	X	X	X	E	B	X	Acetyl Acetone	
C	B	X	X	E	X	X				China Wood Oil (Tung Oil)	E	B	E	E	E	E	E	R	E	E	Acetylene	
X		X	X	X	X	X	E	E	E	Coal Tar Oil (Coal Oil)		E		B	E		B				MAPP	
B	B	X	C	E	X	X	E	E	E	Coconut Oil	B	X	X	B	X	X	X	E	E	X	Ethyl Acetoacetate	
X	C	C	X	E	X	X	C	E	E	Diesel Oil	B	X	X	B	X	X	X	E	E	X	Methyl Acetoacetate	
X	X	X	X	B	X	X	B		C	Lavender Oil	E	X	X	E	X	X	X			X	Acetophenone	
C	C	C	X	E	X	X	C	E	E	Linseed Oil	E	X	R	E	X	C	C	E	E	X	Acetone	
X	B	C	X	E	X	X	E	E	E	Wood Oil	B		X			X	X	E	X		Amyl Acetone	
E	C	X	C	E	X	X	E	E	E	Corn Oil										X	Acetonitrile	
E	E	R	E	E	X	X	C	E	E	Olive Oil									E	R	2-Ethylhexanoic Acid (Ethylhexoic Acid)	
X	X	X	X	X	X	X	E	E	E	Pine Oil	B	X	X	B	C	X	X	E	E	X	Acetic Acid, Glacial	
X	X	X	X	B	X	X			C	White Pine Oil	E	R	R	E	X	R	R	E	B	E	Acetic Acid, 10%	
C		C	X	X	X				X	Banana Oil	E	X	X	E	X	B	X	E	E	R	Acetic Acid, 50%	
X	B	X	X	E	X	X	C	E	E	Tall Oil									B	X	Acrylic Acid	
E	E	E	B	E	R	B	E	E	E	Castor Oil								E	X		Glacial Acrylic Acid (Acrylic Acid)	
C	C	X	C	X	X	C	B	E	E	Cottonseed Oil	E	B	E	B	B	B					Adipic Acid	
E	E	E	E	E	E	E		E	E	Silicone Oil	E	E	E	E	E	E	E	E	E	E	Arsenic Acid	
E	B	B	C	E	X	X	E	B	E	Soybean Oil											X	Benzene Carboxylic Acid
	B								E	Tung Oil	X	X	X	X	X	X	X	E	E	X	Benzoic Acid	
C	B	C	X	E	X	X	E	E	E	Tung Oil (China Oil)		E	E	E	E	E	E	E	E	E	Boric Acid	
X	C	B	X	E	X	X	E		C	Hydraulic & Motor Oil	E	X	E	E	X	E	X	C	B	X	Hydrobromic Acid	
X	X	X	X	B	X	X			E	JP-4 Oil											C	Butanoic Acid
X	C	R	X	B	X	X	E	E	C	Lubricating Oil	R	X	X	B	X	R	X	E	E	C	Butyric Acid	
X	C	R	X	E	X	X	E	E	E	Mineral Oil	R		B		R	X	E	E	R		Caprylic Acid	
X	B	X	X	E	X	X	R	B	E	Transmission 'A' Oil	E	X	E	B	X	E	E	E	E	C	Carbonic Acid	
X	B	B	X	E	X	X			E	Cutting Oil											E	Cetylic Acid (Palmitic Acid)
									E	Motor Oil, 40w	E	E	C	C	C	X					C	Hydrocyanic Acid
X	B	C	X	E	X	X		R	C	Transformer Oil	X			X	X	E		B				CIS-9-Octadecenoic Acid (Oleic Acid) G
X	B	B	X	E	X	X			E	Red Oil	E	E	E	E	E	E	E	E	E	E		Citric Acid
	C	X		B					E	SAE No. 10 Oil	R	X	X	X	X	E	X	E	E	C		Hydrochloric Acid
X	B	R	X	E	X	X	E	B		Oil-Petroleum	R	X	X	X	X	X	E	E	X			Chloroacetic Acid
X	B	X	X	X	X	X	E	E	X	Petroleum Oils	X	C	X	X	X	X	B	X	X			Chlorosulfonic Acid
E	C	X	C	E	X	X	E	E	E	Vegetable Oils	X	X	X	X	X	X	X	E	E	X		Cresylic Acid
E	R	C	B	X	X	X	E	B	X	Acetaldehyde	R	X	B	C	X	X	X	B	B	X		Chromic Acid
E		X			X	X	E	E	X	Butyl Ether Acetaldehyde												Vinegar Acid (Vinegar)
									E	2-Ethylhexyl Acetate	R		X			B	X	E	E	X		Dichloroacetic Acid
									X	2-Ethoxyethyl Acetate											B	Dihydroxy Succinic Acid
B	B		E	R	X	X	E	E	C	Aluminium Acetate	B	B	X	B	B	X	X	E	E	B		Stearic Acid
E	X	X	X	X	X	X	E	E	X	Amyl Acetate											C	Ethanoic Acid (Acetic Acid)
B		X			X	X	E	E	X	Benzyl Acetate	R		X		X	X	B	R	C			Phenolsulfonic Acid
B	X	X	C	X	X	X	E	E	X	Butyl Acetate	E	C	E	E	C	E	B	C	B	E		Fluoboric Acid
B		X			X	X	E	E	X	Cadmium Acetate	E	X	E	X	X	X	C	E	C			Hydrofluoric Acid
B	B	X	E	B	X	X	E	E	C	Calcium Acetate	E	C	E	E	C	E	C	B	E			Fluosilicic Acid
E	X	X	B	X	X	X	E	E	X	Cellosolve Acetate	E	C	R	E	X	B	C	E	C			Formic Acid
B		X			X	X	E	E	X	Ethyl Butyl Acetate	E	X	E	X	X	E	E	E	E			Phosphoric Acid 10%
B	X	X	C	X	X	X	E	E	X	Ethyl Acetate	B	X	E	X	X	B	X	E	E	B		Phosphoric Acid 10%- 85%
									X	2 (2Ethoxyethoxy) Ethyl Acetate (Carbitol Acetate)												Gallic Acid
										Phenylmethyl Acetate (Acetic Acid)												Gallotannic Acid
B	X	X	X	X	X	X	E	E	X	Isopropyl Acetate											R	Glycogenic Acid (Gluconic Acid)
B		X			X	X	E			Methyl Amyl Acetate											R	Glyconic Acid (Gluconic Acid)
B	X	X	E	X	X	X	E	E	X	Methyl Acetate	R		B			X	X	E	E	C		Gluconic Acid
E	B	X	E	B	E	X	E		C	Nickel Acetate										E		Heptane Carboxylic Acid
B		X			X	X	E	E	C	Octyl Acetate												Heptanoic Acid
									X	Pentyl Acetate (Amyl Acetate)											E	Hexadecanoic Acid
B	B	X	E	B	E	X	E	E	C	Lead Acetate	E	C	E	E		X			B	X		Hydrofluosilicic Acid
B	B	X	E	B	X	X	E	E	C	Potassium Acetate		X	C	X	X	X	X				C	Lactic Acid - Hot
B	X	X	B	X	X	X	E	E	X	Propyl Acetate	E	E	B	X	X	B	B	C			C	Lactic Acid - Cold
B	B	X	E	B	X	X	E	E	B	Sodium Acetate	X	X	X	X	B	X	X				C	Linoleic Acid
B		X			X	X	E	E	C	Vinyl Acetate	X	X	X	X	X	X	X	B	E	X		Maleic Acid
E	E	E	E	E	X				B	Zinc Acetate	X	C	B	X	C	C	C	C	B	E		Malic Acid
B		X			X	X	E	E	X	Ferrous Acetate		B		X								Methane Carboxylic Acid (See Acetic Acid)
B									X	Magnesium Acetate											B	Methanoic Acid (Formic Acid)



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IIR	CR	CSM	EPDM	NBR	NR	SBR	XLPE	UHMWPE	T629AA	Chemical or Material Conveyed	IIR	CR	CSM	EPDM	NBR	NR	SBR	XLPE	UHMWPE	T629AA	Chemical or Material Conveyed
R		X			B	X	E	E	X	Mono-Chloroacetic Acid											Methyl Allyl Alcohol
R	X	X	R	X	E	X	E	E	C	Muriatic Acid (Hydrogen Chloride)	E		E			E	E	E	E	B	Methyl Amyl Alcohol
	X	X	X	B	X	X			C	Naphthenic Acid										E	Methyl Butyl Alcohol
B	X	X	C	X	X	X	C	E	X	Nitric Acid, 10%											N-Nonyl Alcohol
									X	Nitric Acid, 13N	E	B	E	C	B	E	E	E	E	C	Octyl Alcohol
									X	Nitric Acid, 13N +5%	E		X			X	X	E		E	Pelargonic Alcohol (Nonyl Alcohol)
B	X	X	B	X	X	X	E	E	X	Nitric Acid, 20%										C	Pentyl Alcohol (N-Amyl Alcohol)
R	X	X	C	X	X	X	E	B	X	Nitric Acid, 30%										E	Propenyl Alcohol (Allyl Alcohol)
R	X	R	R	X	X	X	B	R	X	Nitric Acid, 30% - 70%	E	E	E	E	E	E	E	E	E	E	Propyl Alcohol
C	X	B	X	X	X	X	B		X	Nitric Acid, Conc (16N)											Undecyl Alcohol
B	X	X	X	X	X	X	X	X	X	Nitric Acid, Red Fuming	E		X			X	X	E	E	X	Decyl Aldehyde
									E	Nonanoic Acid	E		X			X	X	E	E	X	Octyl Aldehyde
									R	Octanoic Acid (N-Caprylic Acid)	X	B	X	X	X	X	X	X	X	X	Tar
B	X	X	X	C	X	X	E	E	B	Oleic Acid	X	C	X	X	B	X	X			B	Tar Bituminous
E	X	X	E	X	X	X	C	E	B	Oxalic Acid	X	B	X	X	E	X	X	E	E	C	Coal Tar
E	C	C	C	E	X	X	C	E	E	Palmitic Acid	E	E	E	E	E	E	E	E	E	C	Alum (Aluminum Potassium Sulfate)
B	C	B	C	X	X	X	E		X	Perchloric Acid	E	E	E	E	E	E	E	E	E		Papermakers Alum
	C	B	X	X	B	B			E	Piric Acid, H2O Solution	E										Calcium Aluminate
									C	Propionic Acid	E										Sodium Aluminate
E	B	B	E	B	B	B	C	R	C	Sulfamic Acid	E	E	E	E	E	E					Alumus-NH3-CR-K
								B	B	Sulfuric Acid 60% (200° F)	E		R			B	B		E	R	Amylamine
E	X	X	E	X	B	X	E	E	C	Sulfuric Acid, 25%	E										Methyl Amyl Carbinol (S-Heptyl Alcohol)
E	X	X	E	X	B	X	E	B	C	Sulfuric Acid, 25% - 50%	B	B	X	B	X	B	B			X	Amines-Mixed
X	X	B	X	X	X	X	E	B	X	Sulfuric Acid, 50% - 96%									B	X	Aminobenzene (Aniline)
X	X	E	X	X	X	X	E	X	X	Sulfuric Acid, Conc.										C	Aminodimethyl benzene
X	X	X	X	X	X	X	X	X	X	Sulfuric Acid, Fuming									E	C	Aminoethane (Ethylamine)
E	X	E	B	X	E	B	E	E	E	Sulfurous Acid, 10%										C	Aminoxylyene
E	X	E	B	X	E	X	E	E	R	Sulfurous Acid, 10% - 75%	X		X		X	X	B	R	X	Anethole	
E	B	E	E	E	E	R	C	E	E	Tannic Acid	E	B	B	E	X	R	X	E	B	X	Acetic Anhydride
E	B	E	B	E	C	X	C	E	E	Tartaric Acid	R		B			R	X	E	E	C	Butyric Anhydride
									C	Trihydroxybenzoic Acid	X	X	X	X	X	X	X			X	Maleic Anhydride
B	X	X	B	B	C	B	E		C	Trichloroacetic Acid	E	X	X	C	X	X	X	E	E	X	Aniline
									C	Uric Acid	B	X	X	B	X	X			B	X	Aniline Oil
X	C	X	X	C	X	X	E	B	C	Fatty Acids	B	B	B	B	X	B	B	E	B	X	Aniline Dyes
X	X	X	X	X	X	X	B	B	X	Butyl Acrylate	E									E	Prestone Antifreeze
B	X	X	B	X	X	X	B	E	X	Ethyl Acrylate	B	X	X	E	C	X	X			E	Argon
X	X	C	X	X	X	X	C	B	X	Acrylonitrile	X	X	X	X	X	X	X	X	X	C	Asphalt
E		B			B	R	E	B	R	Acrolein	R	X	R	R	X	X	X			X	Sulfur
									X	Di (2ethylhexyl) Adipate (Diocetyl Adipate)	B		R			X	X	X		B	Molten Sulfur
E		X			X	X	E	E	X	Diisooctyl Adipate	X	X	X	X	B	X	X			B	Varnish
									X	Diocetyl Adipate	X	X	X	X	X	X	X	E	B	X	Benzene
E	B	E	E	E	E	R	E	E	E	Water	X	B	X	X	E	X	X	E	E	E	Benzine (Gasoline)
E	E	E	E	R	E	E	E	E	E	Brine	E	X	X	E	X	X	X	E	E	X	Benzaldehyde
E	B	E	E	E	E	E	E	E	E	Sea Water				X	X					B	Benzol (Benzene)
X	X	C	C	X	X	X	B	B	X	Aqua Regia								B	R	X	Benzotrchloride
									B	Water, Boiling	E	E	E	E	E	E	E			E	Sodium Bicarbonate
									X	Water, Soda	E		R					B	R	C	Calcium Bichromate
X	X	X	X	X	X	X			B	Air, +300° F											Poly Chlorinated Biphenol
E									E	Allyl Alcohol											Biodiesel (BD100 O B100)
E	E	E	E	E	E	E	E	E	E	Butyl Alcohol											Biodiesel (BD20 O B20)
E	B	E	B	B	E	E	E	E	C	Tertiary Butyl Alcohol										E	Bioethanol (E85)
									X	Cyclopentil Alcohol (Cyclopentanol)											BIS (2-Chloroethyl) Ether
E	B	E	E	X	E	E	E	E	C	Amyl Alcohol	E		E			E	E	E	E	E	Potassium Bisulfate
X	C	R	X	X	X	X	E	E	X	Benzyl Alcohol	R	E	E	E	E	R	R	E	E	E	Sodium Bisulfate
E	E	E	E	E	E	E	E	E	C	Wood Alcohol (Methanol)	E					E	E	E	E		Potassium Bisulfite
E									E	Decyl Alcohol (Decanol)	E	E	E	E	E	E	C	E	E		Sodium Bisulfite
E									E	Ethyl Butyl Alcohol (Ethylbutanol)	C		X	E						C	Calcium Bisulfide
E	E	E	E	C	E	E	E	E	E	Ethyl Alcohol	E	E	E	E	E	E	E	E		E	Sodium Borate
R	X	X	B	X	X	X	E	E	X	Furfuryl Alcohol	E	E	E	E	C	B	B	E		C	Borax Solution
										Glycyl Alcohol											Bromacil
C	B	C	C	E	E	E	E	E	C	Hexyl Alcohol	X	X	X	X	X	X	X	C	B	X	Bromobenzene
E	C	E	E	C	E	E	E	E	C	Isopropyl Alcohol (isopropyl)	B	X	X	B	X	X	X	B	R	X	Bromochloromethane
E									E	Methyl Alcohol											Bromoethane (Ethyl Bromide)



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IIR	CR	CSM	EPDM	NBR	NR	SBR	XLPE	UHMWPE	T629AA	Chemical or Material Conveyed	IIR	CR	CSM	EPDM	NBR	NR	SBR	XLPE	UHMWPE	T629AA	Chemical or Material Conveyed	
X	X			X	X	R	X	X		Bromotoluene	X	X			X	X	E	E	X		Chloropentane	
X	X			X	X	B	B	B	X	AllylBromide	X	X	X	X	X	X	X	B	B	X		Chlorotoluene
									X	Amyl Bromide	B	B	B	B	B	X	X			C		Chlorox
X	X	X	X	B	X				C	Ethyl Bromide	X	X	X	X	X	X	B	B	X			Acetyl Chloride
										Phenylbromide (Bromobenzene)	R	X	X	X	X	X	B	B	B			AllylChloride
								B	C	Methylene Bromide	E	E	E	E	E	E	E	E	E	E		Aluminium Chloride
X	X	X	X	C	X	X	B	C		Methyl Bromide	X	X	X	X	X	X	B	E	X			Amyl Chloride
X	X			X	X	B		X		N-Butylbromide	E	E	E	E	E	E	E	E	E	B		Ammonium Chloride
									X	Pentyl Bromide (Amyl Bromide)	X	C	B	X	C	X	X	E	C			Sulfur Chloride
E	E			E	E	E	E	E	E	Ferric Bromide	E	E	E	E	E	E	E	E	E			Barium Chloride
								B	X	Iso-Butylbromide	B	X	C	B	X	C	C	E	E	X		Benzyl Chloride
								E		Bugdioxane	B						E	E	X			Benzal Chloride
X	X	C	X	X	X	X	E	X		Butadiene	R	X			X	X	B	B	X			Butyl Chloride
E	E	B	X	E	X	X	E	E		Butane	E	E	E	E	E	E	E	E	E			Calcium Chloride
E	E	E	B	E	E	E	E	E		Butanol (Butyl Alcohol)	E	C	E	E	C	R	E	E	E			Copper Chloride
			X				E	B	X	Butanone	E	E			E	E	E	E				Tin Chloride
E	C	C	E	X	X	C	E	X		Butyl Carbitol	R	X	X	X	X	X	B	B	E			Ethyl Chloride
E	X	X	B	C	X	X	E	E	C	Butyl Cellusolve	X		X		X	X	E	E	X			Phenylchloride (Chlorobenzene)
E				R	E	E	E	X		Butyl Aldehyde (Butyraldehyde)					X	X	E	E	X			Hydrogen Chloride Anhydrous
X	X	X	X	X	X	X		X		Tertiary Butyl Mercaptan	E	E	E	E	E	E	E	E	E			Magnesium Chloride
		X	B					C		Tertiary Butyl Amine												Methylalyl Chloride
X	C	X	X	B	X	X	R	C		Butylene	X	X	X	X	X	X	B	B	X			Methylene Chloride
B	X			X	X	E	E	B		Butyl Ethyl Ether	C	X	X	X	X	X	B	E	X			Methyl Chloride
E	X	X	B	X	X	X	E	E	X	Butyraldehyde	E	B	E	E	E	E	E	E	E			Nickel Chloride
R		X		X	X	B	X			N-Butylbutyrate									X			Pentyl Chloride (Amyl Chloride)
									C	Butoxyethanol	E	E	E	E	E	E	E	E	E			Potassium Chloride
	C		B	X				B		Lime	R	X			X	X	B	B	X			Propyl Chloride
E	E	E	E	X	X	X	E	E		Lime Sulfur	E	E	E	E	E	E	E	E	E			Sodium Chloride
E		B		E	B	E	E	B		Soda Lime	X	X	X	X	X	X	E	E	X			Vinyl Chloride
									B	Carbamide (Urea)	E	E	E	E	E	E	E	E	E			Zinc Chloride
R	B	X	B	B	X	X	E	E	C	Carbitol	E	X	E	E	E	E	E	E	E			Stannic Chloride
E	E			R	E	E	E			Cupric Carbonate	E	E	E	E	E	E	E	E	E			Stannous Chloride
E	E	E	E	X	E	E		C		Ammonium Carbonate	E	B	E	E	E	E	E	E	E			Ferric Chloride
E	E	E	E		E	E	E	E		Potassium Carbonate	E	E	E	E	E	E	E	E	E			Ferrous Chloride
E	E	E	E	E	E	E	E	E		Sodium Carbonate	R	X			X	X	B	E				Methyl Alil Chloride (Methylalyl Chloride)
E				E	E	E	E	E		Zinc Carbonate	X	B	X	X	E	X	X	B	B	E		Fuel A (ASTM)
E	E	E	B	E	E	E		E		Celluguard	X	E	B	X	E	X	X		E			ASTM Fuel A
E	E	E	E	E	E	E	E	E		Soda Ash	X	X	X	X	E	X	X		C			ASTM Fuel B
X	B	X	X	E	X	X	X	E	E	Parafin Wax	X	X	X	X	B	X	X		C			ASTM Fuel C
E	B	E	B	C	E	E		E		Beer	X	R	X	X	E	X	X	B	B	C		Fuel B (ASTM)
B	X			X	X	E	E	X		Hexyl Methyl Ketone (Methyl Hexyl Ketone)	X	B	X	X	E	X	X	E	E	C		Jet Fuels
E	X	X	E	C	X	X		C		Ketones	E	B	X	E	X	X			E			Coolanol (Monsanto)
E		R		R	R	E	B	X		Acetone Cyanohydrin	X	C	X	X	C	X	X	E	E	C		Creosote
E	E	E	E	E	E	E	E	E		Copper Cyanide	X	X	X	X	X	X	E	E	X			Creols
									C	Methyl Cyanide	E	R					B	B	B			Potassium Chromate
E	E	E	E	E	E	E	E	E		Potassium Cyanide	E	R					B	E	C			Zinc Chromate
E	E	E	E	E	E	E	E	E		Sodium Cyanide	X	X	X	B	X	X	X		X			Chrome Plating Solutions
									X	Vinyl Cyanide	E	X			X	X	E	E	X			Crotonaldehyde
X	X	X	X	X	X	X	E	E	X	Cyclohexanone	X	X	X	X	X	X	E	E	X			Cumene
X	X			X	X	E	E	B		Cyclopentane	X	B	X	X	C	X	X	E	E	B		Cyclohexanol
X	X			X	X	E	E			Cyclopentanol	X	X	X	X	B	X	X	B	E			Cyclohexane
X	X			X	X	E	E	X		Cyclopentanone	X	R	X	X	E	X	X	E	E	E		DDT In Kerosene
									C	Cinnamene (Vinylbenzene)									X			Decahydronaphthalene (Decalin)
B	C	B	C	X	B	B	E	B	X	Ethylene Chlorohydrin												Decahydroxynaphthalene
B	X	R	B	X	X	X	B	R	X	Bleach	X	X	X	X	X	X	E	X	X			Decalin
E	B	B	E	E	E	B			C	Lime Bleach (Calcium Hypochlorite)												Decil Carbinol
										Chloro-2-Propanone	E	B	B	E	E	B	B		E			Detergent, Water Solution
B	X	X	E	X	X	X	E	E	X	Chloroacetone	X	B	X	X	E	X	X		E			Dextron
X	X	X	X	X	X	X	B	B	X	Chlorobenzene									X			Diacetylmethane (Acetylacetone)
R	X			X	X	B	R	X		Chlorobutane	E	X	X	X	X	X	X	C	E	X		Diacetone Alcohol
			E	E					C	Chlorodane (Chlordane)												Diallylphthalate (Diallyl Phthalate)
X	X			X	X	E	E	C		Chloroethyl Benzene	E	B			R	B		E	B			Diamylamine
X	X	X	X	X	X	B	B	X		Chloroform	X	X			X	X	E	E				Diamylene



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IIR	CR	CSM	EPDM	NBR	NR	SBR	XLPE	UHMWPE	T629AA	Chemical or Material Conveyed
X		X			X	X	E	E	X	Diamylphenol
E	X				X	X	E			Diamyl Naphthalene
X		X			X	X	E	B	X	Dibromobenzene
									X	Dibromomethane (Methylene Bromide)
X	X	X	C	X	X	X	B	R	X	Ethylene Dibromide
X	X	X	X	X	X	X		E	X	Dibutylamine
X	X	X	X	X	X	X	B	B	X	Dichlorobenzene
X	X	X	X	B	X	X	E	E	C	Dichlorobutane
X	X				X	X		I	C	Dichlorodifluoromethane
X	X				X	X	E	E	X	Dichloroethane
								R	X	Dichloroethylene (1,2-Dichloroethene)
X	X				X	X	E	E	X	Dichlorohexane
X	X				X	X	E	E	X	Dichloromethane
X	X				X	X	E	E	X	Dichloropentane
X	X				X	X	E	E	R	Dichloropropane
							E		C	Dichloropropene
									X	Dichlorotoluene
									X	Acetylene Dichloride
X		X			X	X	B	R	X	Ethyl Aluminium Dichloride
X	X	X	X	X	X	X	B	B	X	Ethylene Dichloride
X		X			X	X	B	B	X	Ethyl Dichloride
E	E	R	E	E	B	B	B	B	E	Potassium Dichromate
E	C	R	E	C	C	C	B	E	E	Sodium Dichromate
E		R			B	B		E	C	Diethanol Amine
E	C	C	B	C	B	B	C	E	C	Diethyl Amine
B		X			R	X	E	E	X	Diethyl Ketone
E	E	E	E	E	E	E	C	E	E	Diethylene Glycol
E		R			B	B		E	B	Diethylenetriamine
E		R			B	B		E		Diethyltriamine
B	X	X	B	X	X	X	E	E	X	Diisobutyl Ketone
X	X	X	X	B	X	X	E		C	Di-Iso-Butylene
E									B	Di-Iso-Propa nolamine
B	X	X	E	X	X	X	E		X	Di-Iso-Propyl Ketone
										Dimethyl-3-Pentanone
										Dimethyl-4-Heptanone
							E	E	R	Dimethylamine
C	C	X	B	C		C			X	Dimethylaniline
X	X	X	X	X	X	X	E	E		Diethylbenzene
							E		X	Dimethylbenzene
										Dimethylbutane (Iso-Pentane)
								E	C	Dimethyl Carbinol
								E	X	Dimethyl Ketone
	B	E	E	B	E	E			C	Unsymmetrical Dimethyl Hydrazine (UDMH)
B	X	X	B	X	X	X			E	Dioxane
B	X	B	B	X	C	C	C	B	X	Sulfur Dioxide
E	C	E	C	X	E	E	E	E	E	Carbon Dioxide
R					X	X		B	R	Hydrogen Dioxide (10%) (Hydrogen Peroxide)
C	X	X	B	X	X	X	E	E		Dioxalane
X	X	X	X	B	X	X			C	Dipentene
									B	Dipentylamine (Diamylamine)
									C	Di-P-Mentha-1,8-Diene
E		B			B	B		E		Dipropylamineolamine
E		E			E	E		E	E	Dipropylene Glycol
X	X	X	X	X	X	X			X	Paint Thinner
X	B	X	X	E	X	X	E	E	E	Stoddard Solvent
X	X	X	X	X	X	X	C	R	X	Carbon Disulfide (Carbon Bisulfide)
X		X			X	X	E	E	X	Divinyl Benzene
										Dowell Inhibitor
										Dowfax 2A1 TA
										Dowfax 2A1 Solvent
										Dowfax 6A1 TA
										Dowfax 6A1 Solvent
X	X	X	X	X	X	X	E	E	X	Dowtherm, A and E

IIR	CR	CSM	EPDM	NBR	NR	SBR	XLPE	UHMWPE	T629AA	Chemical or Material Conveyed
R	E	E	R	E	R	R	E	E	E	Sewage
X										Ducgkioebane
				X	E					Durd AW-16,31
				X	E					Duro FR-HD
X	X	X	X	B	X	X	E	E	C	Butyl Stearate
				E	X				X	Phosphate Esters
X	E	E	X	B	X	X			B	Silicate Esters
X	X	X	X	X	X	X	B	B	X	Styrene
E	E	E	E	C	E	E	E	E	E	Ethanol (Grain Alcohol)
E	B	C	E	B	B	B	C	E	C	Ethanolamine
X	X	X	C	X	X	X			R	Ethers
									C	Amyl Ether
									X	Benzyl Ether (Dibenzyl Ether)
C	X	X	C	C	X	X	E	E	X	Butyl Ether
							E		C	Ethylene G. Monoethyl Ether (Ethoxyethanol)
										Ethylene G. Monoethyl Ether
X	X	C	X	C	X	X	E	E	B	Isopropyl Ether
X		X	X	B	X	X	E	E	E	Petroleum Ether
E	X	X	X	X	X	X	E	E	X	Dibenzyl Ether
B	X	X	C	X	X	X	E	E	X	Dibutyl Ether
X		X			X	X	E	E	X	Dichloroethyl Ether
X	C	X	X	X	X	X	E		X	Diethyl Ether
E					E	E		E	E	Dihydroxydiethyl Ether (Diethylene Glycol)
R		X			X	X	E		B	Di-Iso-Propyl Ether
C	X	X	X	C	X	X	E	E	X	Ethyl Ether
R		X			X	X	E		B	Monobutyl Ether
							E		R	Ethylene G. Monobutyl Ether
									C	Pentyl Ether (Amyl Ether)
										Propyl Ether
B		X			X	X	E	E	B	Vinyl Ether (Divinyl Ether)
E					R		E	E	X	Ethyl Aldehyde
							E	E		Ethyl Diisobutylthio-Cabarmate
B		X			X	X	E	E	X	Ethyl-N-Butyl Ketone
E		E			E	E	E	E	E	Ethyl-1-Butanol
									X	Ethyl Acetone (2-Pentanone)
B		R			R	R		E	C	Ethylamine
X	X	X	X	X	X	X	E	E	X	Ethyl Benzene
B	B	B	B	B	B	B	E	E	C	Ethyl Cellulose
E	E	R	E	E	B	B	E	E	C	Ethylene Diamine
E	E	E	E	E	E	E	C	E	E	Ethylene Glycol
								B	X	Phenylamine (Aniline)
										Phenylbutane
									X	Phenylethylene (Styrene)
									X	Phenylmethane (Toluene)
									X	Phenylmethanol (Benzyl Alcohol)
E	X	X	X	X	X	X	E	E	X	Phenol
E	X	X	B	X	X	X	E	E		Carbolic Acid Phenol
C	X		X	X	X	X	X	X	X	Fluorine
E	E	E	E	E	B	E	E		E	Aluminium Fluoride
E	C	C	B	X	B	C	E	E	C	Formaldehyde
E		E			B	B	E	E	B	Formalin (Formaldehyde)
B		X			X	X	E	E	X	Aluminium Formate
B	B	X	B	X	X	X	E	E	X	Ethyl Formate
E	E	E	E	E	E	E	E	E	E	Ammonium Phosphate, Dibasic
E	B	E	E	E	E	E	E		E	Sodium Phosphate
E	X	X	B	X	X	X	E	E	R	Tributyl Phosphate
E	X	X	X	X	X	X	E	E	X	Tricresyl Phosphate
									X	Trityl Phosphate
									E	Diammonium Phosphate
E		E			E	E	E	E	E	Dicalcium Phosphate
E		E			E	E	E	E	E	Disodium Phosphate
E	E	E	E	E	E	E	E	E	E	Trisodium Phosphate
E	E	E	C	E	C	B			E	Freon 113



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X	B	X	X	B	X	X	C	E	C	Freon 12	E		B			R	B	E	E	B	Copper Hydroxide (Copper Hydrate)	
R	X	X		X	X	X	C	E	X	Freon 22	E	B	B	E	B	E	B	E	E	C	Magnesium Hydroxide	
	E		E							Freon SO2	E	C	B	E	X	E	B	E	B	B	Potassium Hydroxide	
E	X	X	E	C	X	X	E	E	X	Butyl Benzyl Phthalate	E	B	B	E	X	E	B	E	E	X	Sodium Hydroxide (Caustic Soda)	
E	X				X	X	E	E	X	Butyl Phthalate										X	Hydroxytoluene (Benzyl Alcohol)	
E		X			X	X	E	E	X	Decyl Butyl Phthalate	B	X	R	E	X	X	X	C	B	C	Calcium Hypochlorite	
										Di (2ethylhexyl) Phthalate	B	X	R	B	B	X	X	B	B	C	Sodium Hypochlorite	
C	X	X	C	X	X	X	E	E	X	Dibutyl Phthalate											Histowax (Parafin Wax)	
E	X	X	B		X	X	E	E	X	Diethyl Phthalate				E							Hyvar VXL	
E		X			X	X	E	E	X	Diisodecyl Phthalate										B	Iminodi-2-Propanol (Diisopropanolamine)	
										Di-Iso-Decyl Phthalate (Diocetyl Phthalate)										C	Iminodiethanol (Diethanolamine)	
E		X			X	X	E	E	X	Diisooctyl Phthalate										E	X	Iso-Butanal (Isobutyraldehyde)
B	X	X	B	X	X	X	E	E	X	Dimethyl Phthalate										E	X	Iso-Butylamine
E	X	X	C	C	X	X	E	E	X	Diocetyl Phthalate										E	E	Iso-Butylcarbinol (Isoamyl Alcohol)
										Ethyl Phthalate									E	E	C	Isocyanates
X	B	C	X	E	X	X	C	E	E	Fuel Oil	X	C	X	X	E	X	X	E	B	E	Isooctane	
										D-Furaldehyde (Furfural)	E	B	E	E	E	B	E	E	E	E	Soap Solutions	
	X	X	C	X	X	X			X	Furan (Furfuran)	X	C	X	X	E	X	X	E	E	E	Kerosene	
E	X	X	C	X	X	X	E	E	X	Furfural	X	X	X	X	C		X			C	Dry Cleaning Fluids	
	X	X	C	X	X	X			X	Furfuran (Furan)	E	B	E	E	B	B			B	C	Lye Solutions (Caustic Soda Solution)	
X	B	B	X	E	X	E			E	Producer Gas	E	B	E	E	B	E	E	E	E	C	Green Sulphate Liquor	
										Nitrous Oxide Gas	E	B	B	E	B	B	B		E	B	Black Sulfate Liquor	
X	B	X	X	E	X	X	E	X	E	Liquid Petroleum Gas (LPG)	E	B	E	E	E	E	E			E	Beet Sugar Liquors	
X	E	R	X	E	X	X	C		E	Natural Gas	X	R	X	X	E	X	X	E	E	C	Mineral Spirits	
E	E	E	E	E	E	E			E	Neon Gas										C	Limonene (Dipentene)	
X	X	X	X	X	X	X	E	X	X	Coke Oven Gas	B	B	B	E	C		E			C	Brake Fluid (Hd-557) 12 Days	
	X		X	B						Gas, High Octane	X	C	X	X	E	X	X	C		E	Lard	
										Gas, Coal	B	X	X	E	X	X	X	E	B	X	MEK	
X	X	X	X	E	X	X	E	B	E	Gasoline	E	E	E	E	E	E	E	E	E	E	Mercury	
E	E	E	E	E	E	E	C	E	E	Glycerine	E	E	E	E	E	E	E			E	Mercury Vapors	
E	E	E	E	E	E	E			E	Glycerol	X	X	X	C	X	X	X	B	B	X	Methyl Methacrylate	
E	E	E	E	E	E	E	E	B	E	Glycols	E	B	B	E	E	E	E	E	E	E	Sodium Metaphosphate	
E	B	E	B	B	E	E	E	B	E	Glucose	E	E	E	E	E	E	E	E	E	C	Methanol (Wood Alcohol)	
X	X	X	X	E	X	X	B	E	E	Grease	E	E	E	E	E	E	E		E	C	Methanol (Methyl Alcohol)	
B	C	X	C	E	X	X	E	E	E	Animal Fats											Methyl 1-2, 4-Pentanediol	
E	E	E	E	E	E	E			E	Silicone Grease	B	X	X	E	X	X	X		E	X	Methyl Butyl Ketone	
E										Halon 1211	R	X			X	X	E	E	R		Methyl Carbitol (Diethylene Glycol Monomethyl Ether)	
E	E	E	E	E	E	E			E	Helium	E	C	X	B	C	X	X		E	C	Methyl Cellosolve	
										Heptaldehyde	B	X	X	E	X	X	X	E	E	X	Methyl Ethyl Ketone	
E		X			X	X	E	E	E	Heptanal	B	X	X	E	X	X	X	E		X	Methylethyl Ketone	
X	B	X	X	E	X	X	B	E	E	Heptane	E		E		E	E	E	E	E	E	Methyl Hexanol	
										Heptanone	B		X			X	X	E		X	Methyl Hexyl Ketone	
B	E	C	E	X	X	X	E	E	X	Hexaldehyde											Methyl-Iso-Amyl-Ketone	
X	C	X	X	C	X	X	B	B	E	Hexane	C	X	X	C	X	X	X	E	E	X	Methylisobutyl Ketone	
E		E			E	E	E	E	C	Hexanol	B	X	X	X	X	X	X	E	E	X	Methylisopropyl Ketone	
X	B	B	X	B	X	X	E	B	C	Hexene	B		X		X	X	E	E	X		Methylpropyl Ketone	
E		R			B	B	E	R		Hexylamine	B		X		X	X	E	E	X		Methyl Propyl Ether	
E		E			E	E		E	C	Hexylene Glycol	B	X			X	X					Methyl Tertiary Methyl Ether	
			X	E					E	Mobile HFA	E		E		E	E	E				Methyl-2-Butanol	
E		B			R	B	E	E	B	Copper Hydrate	B		X		X	X	E		X		Methyl-2-Butanone (Methyl Isopropyl Ketone)	
E		B			E	B	E	E	C	Magnesium Hydrate (Magnesium Hydroxide)	B		X		X	X	E				Methyl-2-Hexanone (Methyl Isoamyl Ketone)	
E		B			E	B	E	E		Potassium Hydrate (Potassium Hydroxide)									B		Methyl-2-Pentanol (Methyl Amyl Alcohol)	
E		B			E	B	E	E	X	Sodium Hydrate (Sodium Hydroxide)										X	Methyl-2-Pentanone (Methyl Isobutyl Ketone)	
E	B	E	X	X	X				C	Hydrazine											Methyl-2-Propen-L-OL	
B	X	R	B	X	X	X	B	E	R	Sodium Hydrochlorite											Methyl-3-Penten-1-ONE	
E	E	B	E	E	B	B	E	E	E	Hydrogen Gas											X	Methyl-4-Isopropyl Benzene (Cymene)
									C	Hydroxyisobutyronitrile (Acetone Cyanohydrin)		E		B	E		B				Methyl Acetylene Propadiene	
									X	Hydroxy Benzene (Phenol)	B		X			R	X	E	E	X	Methyl Acetone (Ethyl Methyl Ketone)	
									B	Cupric Hydroxide (Copper Hydroxide)	B		X			X	X	E	E	C	Methyl Normal Amyl Ketone	
		E	B		B	E			E	Aluminium Hydroxide	X		X			X	X	E	E	X	Methyl Benzene (Toluene)	
E	E	B	E	X	X	X	E	E	C	Ammonium Hydroxide										E		Methyl Butane (Iso-Pentane)
E	E	E	E	E	E	E	E	E	E	Barium Hydroxide	X		X			X	X	B	E	X		Methylcyclohexane
E	E	B	E	E	E	B	E	E	E	Calcium Hydroxide										X		Methyl Styrene (P-Vinyltoluene)



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IIR	CR	CSM	EPDM	NBR	NR	SBR	XLPE	UHMWPE	T629AA	Chemical or Material Conveyed
										M-Ethylphenol
E	B	C	E	B	B	B	C	E	X	Methyl Isobutyl Carbinol (Methyl Amyl Alcohol)
									X	Methylacetonitrile (Acetone Cyanohydrin)
										Methyl-L-Propanol
E		B			B	B	E	E	E	Methylpropyl Carbinol
									C	Methoxy Ethanol
										Methoxyethoxy Ethanol
										Methoxypropenyl Benzene
E	E	E	E	B	E	E			C	MIL-A-6091
X	X	X	X	E	X	X			E	MIL-C-4339
X	X	X	X	E	X	X			E	MIL-C-7024
		E	E	E	E	E			E	MIL-S-81087
E	E	E	E	E	E	E			E	MIL-E-9500
X	C	C	X	E	X	X			E	MIL-F-16884
X	B	X	X	E	X	X			E	MIL-F-17111
	B	X	E						E	MIL-F-25558 (RJ-1)
X	X	B	X	E	X	X			E	MIL-G-10924
X	B	B	X	E	X	X			E	MIL-G-25013
	B	X	E						E	MIL-G-25537
X	B	C	X	E	X	X			E	MIL-G-3545
X	X	X	X	E	X	X			E	MIL-G-5572
X	X	X	X	E	X	X			E	MIL-G-7711
	B	X	E						E	MIL-H-05606 (HFA)
B	E	B	E	E	B	E			E	MIL-H-13910
E	X	X	E	X	X	X			X	MIL-H-19457
E	B	B	E	B					C	MIL-H-22251
	B	X	E						B	MIL-H-27601
	B	X	E						E	MIL-H-5606 (J43)
X	E	B	X	E	X	X			E	MIL-H-6083
X	E	X	B	X	X				B	MIL-H-8446 (MLO-8515)
X	X	X	B	X	X				C	MIL-J-5161
X	X	X	E	X	X				E	MIL-J-5624 (JP-3,JP-4,JP-5)
X	B	B	X	E	X	X				MIL-L-15016
X	B	B	X	E	X	X				MIL-L-17331
X	B	C	X	E	X	X			E	MIL-L-2104
X	B	B	X	E	X	X			E	MIL-L-21260
X	C	C	X	B	X	X			C	MIL-L-23699
	B	E	B						C	MIL-L-25681
X	B	B	X	E	X	X			E	MIL-L-3150
C	E	B	C	E	X	X				MIL-L-4343
X	B	B	X	E	X	X				MIL-L-6082
X	X	X	X	B	X	X			C	MIL-L-6085
X	X	X	X	B	X	X			B	MIL-L-7808
X	B	X	X	E	X	X			E	MIL-L-7870
X	B	C	X	E	X	X			E	MIL-L-9000
X	X	X	X	B	X	X			C	MIL-L-9236
	B	E	B						C	MIL-P-27402
	X									MIL-R-25567 (RP-1)
										MIL-R-25576 (RP-1)
X	B	C	X	E	X	X			E	MIL-S-3136 Type 1 Fuel
X	X	X	X	B	X	X			C	MIL-S-3136 Type 2 Fuel
X	X	X	X	B	X	X			B	MIL-S-3136 Type 3 Fuel
X	E	E	X	E	X	X			E	MIL-S-3136 Type 4 Oil, Lowswell
X	B	B	X	E	X	X			E	MIL-S-3136 Type 5 Oil, Medswell
X	X	X	X	E	X	X			E	MIL-S-3136 Type 6 Oil, Hi Swell
X	X	X	X	X	X	X	B	B	X	Monochlorobenzene
R	X			X	X	C	I	X		Monochlorodifluoromethane (Chlorodifluoromethane)
E	X	X	E	X	E	X	E	E	B	Monoethanol Amine
B		R			R	C	E	C		Monoethyl Amine
E	C	E	C	E	E	B	E	E		Carbon Monoxide
			X	X					X	Morpholine
B	X		X	X	X		R	X		MTBE (Methyl Tert-Butyl Ether)
X	X		X	C	X	X	E	E	C	Naphtha

IIR	CR	CSM	EPDM	NBR	NR	SBR	XLPE	UHMWPE	T629AA	Chemical or Material Conveyed
X	X	X	X	X	X	X	E	E	X	Coal Tar Naphtha
R	X	X	X	X	X	X	E	E	X	Naphthalene
			X	X						NA-K
									X	N-Butanal (Butyraldehyde)
X	X	X	X	C	X	X			C	N-Butylamine
X		X			X	X	E		X	N-Butylbenzene
									E	N-Butylcarbinol (Pentyl Alcohol)
X	X			X	X	E	E	E	E	Neohexane
X	X			X	X	E	E	X		Neu-Tri
					E					Nietylene
E		E			R	E	E	E	C	Cupric Nitrate (Copper Nitrate)
E	E	E	E	E	E	E	E		E	Aluminium Nitrate
E	E	E	E	E	E	E	E	E	E	Ammonium Nitrate
E	E	E	E	E	E	E	E	E	E	Calcium Nitrate
E	E	E	E	E	E	E	E	E	E	Nickel Nitrate
E	E	E	E	B	E	E			C	Silver Nitrate
E	E	X	E	E	E	E			E	Lead Nitrate
E	E	E	E	E	E	E	E	E	E	Potassium Nitrate
B	X	X	B	X	X	X			X	Propyl Nitrate
E	B	E	E	B	E	E	E	E	C	Sodium Nitrate
E	E	E	E	E	E	E	E		E	Ferric Nitrate
									R	Nitritriethanol (Triethanolamine)
E		E			E	E	E	E	E	Soda Niter
R	X	X	X	X	X	X	E	E	X	Nitrobenzene
B	C	B	B	X	B	B	E		X	Nitroethane
E	E	E	E	E	E	E	E	E	E	Nitrogen
B	C	C	B	X	B	C	E		X	Nitromethane
X	B	X	X	B	X	X	B		C	N-Octane
									E	Nonanol (Nonyl Alcohol)
							C			N-Serv (75% Xylene)
H			X	E						Nuto
			E	X						Nyvac Light
									X	O-Aminotoluene (O-Methylaniline)
E		B			B	B	E	E	C	Octanol (Octyl Alcohol)
E		R			B	B	C	E	R	Octyl Amine
E		E			E	E	E	E	E	Octyl Carbinol
E		E			E	E	C	E	E	Octylene Glycol
B	X	X	B	X	X	X			X	Butyl Oleate
X	X	X	X	C	X	X	X	X	X	Oleum (Fuming Sulfuric Acid)
X	X	X	X	X	X	X	B	E	X	Ortho-Dichlorobenzene
X		X			X	X	B	E	X	Ortho-Dichlorobenzol (O-Dichlorobenzene)
									E	Tetraethylorthosilicate
X	X				X	X	E	B	X	Orthoxylene
E	X				E	E	E	E	X	Diethyl Oxalate
X	X	X	X	X	X	X	E	E	X	Ethyl Oxalate
										Oxydiethanol
E		B			R	B	E	B	X	Acetic Oxide (Acetic Anhydride)
E		B			R	B	E	B	X	Acetyl Oxide (Acetic Anhydride)
									X	Diethylene Oxide
C	X	X	C	X	X	X			E	Ethylene Oxide
B	X	X	B	X	X	X	E	E	X	Mesityl Oxide
B	C	B	E	X	X	X	C	E	X	Ozone
X	X	X	X	X	X	X	B		X	Para-Dichlorobenzene
E						R	E	E	C	Paraldehyde
X		X			X	X	E	E	X	Paraxylene (P-Dimethylbenzene)
										PCB
X	X	X	X	X	X	X	E		X	P-Cymene
X		X			X	X	E	E	X	Pentachloroethane
X		X			X	X	E	E	X	Antimony Pentachloride
										Pentadione
X	X	X	X	X	X	X			X	Iodine Pentafluoride
									B	Pentamethylene (Cyclopentane)
X	B	R	X	E	X	X	B	B	E	Pentane



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IIR	CR	CSM	EPDM	NBR	NR	SBR	XLPE	UHMWPE	T629AA	Chemical or Material Conveyed	IIR	CR	CSM	EPDM	NBR	NR	SBR	XLPE	UHMWPE	T629AA	Chemical or Material Conveyed
										Pentanol (Pentyl Alcohol)	E	E	E	E	E	E	E	E	E	E	Aluminium Sulfate
B		X			X	X	E	E	X	Pentanone	E	E	E	E	E	E	E	E	E	E	Ammonium Sulphate
E	E	E			E	E	E		C	Pentastol (Pentachlorophenol)	E	E	E	E	E	R	E	E	E	E	Copper Sulfate
									R	Pentylamine (Amylamine)											Diethyl Sulfate
E	B	B	E	B	B	B	E		C	Sodium Perborate											Dimethyl Sulfate
X	X	X	X	X	X	X	B	B	R	Perchloroethylene (Tetrachloroethylene)	E	E	E	E	E	E	E	E	E	E	Magnesium Sulfate
									X	Perchloromethane (Carbon Tetrachloride)	E	E	E	E	E	E	E	E	E	E	Nickel Sulfate
									R	Potassium Permanganate, 5%	E	E	E	E				E	E	E	Lead Sulfate
R	R	R	R	X	X	X	C	B	R	Hydrogen Peroxide 10%	E	E	E	E	E	E	E	E	E	E	Potassium Sulfate
X	X	X	X	X	X	X	C	R	X	Hydrogen Peroxide Over 10%	E	E	E	E	E	E	E	E	E	E	Potassium Sulfite
E	B	B	E	B	B	B	E		C	Sodium Peroxide	E	E	E	E	E	E	E	E	E	E	Sodium Sulfate
X	E	B	X	E	X	X	E	E	E	ASTM Oil No. 1	E	E	E	E	E	E	E	E	E	E	Sodium Sulfite
X	B	X	X	E	X	X	E	E	E	ASTM Oil No. 2	E	E	E	E	E	E	E	E	E	E	Zinc Sulfate
X	X	X	X	E	X	X	E	E	E	ASTM Oil No. 3	E	E	E	E	E	E	E	E	E	E	Ferric Sulfate
X	X	X	X	B	X	X			C	ASTM Oil No. 4	E	E	E	E	B	E	E	E	E	E	Ferrous Sulfate
X	X	X	X	B	X	X	E	E	C	Crude Oil											Manganous Sulfate
X	B	X	X	E	X	X	E	E	B	Petroleum Crude	E		E		E	E	E	E	C		Ammonium Sulphide
										Phenbo	E	E	E	E	E	E	E	E	E	E	Barium Sulfide
X	R	X	X	B	X	X	E	E	C	Pinene	E	E	E	E	B	E	E	E	E	E	Calcium Sulfide
E		E			E	E	E	E	C	Polyethylene Glycol E-400								B	X		Dimethyl Sulfide
X	X		X	B	X				B	Polyol Ester	E	C	X	E	X	X	X	E	B	X	Hydrogen Sulfide (Wet)
E		E			E	E	E	E	E	Polypropylene Glycol										X	Methyl Sulfide (Dimethyl Sulfide)
X	C	B	X	E	X	X	E	E	E	Propane									E	C	Potassium Sulfide
									B	Propanediamine	E	E	E	E	E	E	E	E	E	E	Sodium Sulfide
E		E			E	E	E	E	E	Propanediol	E	E			E	E	E	E	E	E	Stannic Sulfide
									E	Propanethiol	E	E			E	E	E	E	E	E	Stannous Sulfide
E		E			E	E	E	E	E	Propanol								E			Sutan
									E	Propanolamine			X	B						C	T-Butyl Amine
									X	Propanone								E			Tellone 2
									X	Propenyl Anisole	C	X	X	C	B	X	X	B			Terpineol
										Propenol	B	E					X				Test Entry
										Propenenitrile											Test Entry 1
E					R		E	E	X	Propyl Aldehyde	X		X		X	X	B	B	X		Tetrachlorobenzene
									E	Propyl Benzene	X	X			X	X	E	B	X		Tetrachloroethane
E		R			B	B	E	B	E	Propylene Diamine	X	X	X	X	X	X	E	E	C		Tetrachloroethylene
E		E			E	E	E	E	E	Propylene Glycol	X	X			X	X	E	E	X		Tetrachloromethane
X	X	X	X	X	X	X			X	Propylene	X	X			X	X	B	B	X		Tetrachloronaphthalene
									E	Propionitrile	X	X			X	X	B	B	X		Acetylene Tetrachloride
					X	X	E	X	X	Pydraul, 'E' Series	X	X	X	X	X	X	B	B	X		Carbon Tetrachloride
					X	X	X		X	Pydraulic 'C'	X	X	X	X	B	X	X		B	C	Titanium Tetrachloride
X	X	X	B	X						Quintolubric 822 Series	E	E			E	E	E	E	E		Tetraethylene Glycol
					X	X	B			Refrigerant 11 (Freon 11)	X	X	X	X	X	X	C	B	X		Tetrahydrofuran (THF)
					B	X	E			Refrigerant 12 (Freon 12)	E	E			E	E	E	E	C		Ammonium Thiosulfate
					B	X	X			Refrigerant 22 (Freon 22)	E	E	E	E	B	E	E	E	E	C	Sodium Thiosulfate
									C	Resorcinol	E	X	X	X	X	X	B	E	X		Toluene
B	E	E	B	E	E	B			E	Developing Fluid (Photo)								R	C		Toluidine
E	E	E	E	E	E	E			E	Sal Ammoniac								E	X		Toluol (Toluene)
B	X	X	B	X	C	C			X	Methyl Salicylate	X	B	C	X	E	X	X			E	Automatic Transmission Fluid
E	X	X	B	X	X	X	E	E	X	Dibutyl Sebacate	X	X	X	X	X	X	B	E	E		Turpentine
E	X	X	C	X	X	X	E	E	C	Diethyl Sebacate									E	B	Tri(2-Hydroxyethyl) Amine (Triethanolamine)
X	B	X	X	E	X	X	C	E	E	Tallow	E	B	R			B	B		E	B	Tributylamine
E	E	B	E	E	R	R	E	E	E	Ethyl Silicate	X		X		X	X		E	I	X	Alk-Tri
E		E			E	E	E	E	E	Potassium Silicate										X	Trichlorotoluene
E	E	E	E	E	E	E	E	E	E	Sodium Silicate	X		X			X	X	B	B	C	Trichlorobenzene
E		E			E	E	E	E	E	Silicate Of Soda (Sodium Silicate)	X	X	X	X	X	X	X	B	E	X	Trichloroethane
		X	X	E	X				X	Skydrol 500 Type 2	X	X	X	X	X	X	B	R	X		Trichloroethylene
B	X	X	E						X	Skydrol 500B										X	Trichloromethane (Benzotrachloride)
B	X	X							X	Skydrol 500C	E	X	X	E	X	X	X			X	Phosphorus Trichloride
									X	Skydrol 7000 Type 2	X		X		X	X	E	E	X		Vinyl Trichloride (Trichloroethane)
X	X	X	X	X	X	X	B	B	X	Chlorinated Solvents	E	B	B	B	C	E	X	E	E	C	Triethanolamine
X	X	X	X	X	X	X	B		X	Lacquer Solvents	E		R			B	B		E	E	Triethylamine
							E	C		Caustic Soda (See Sodium Hydroxide)	E		E			E	E		E	C	Triethylene Glycol
E		E			R	E	E	E	E	Cupric Sulfate (Copper Sulfate)								E		C	Trimethylamine



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IIR	CR	CSM	EPDM	NBR	NR	SBR	XLPE	UHMWPE	T629AA	Chemical or Material Conveyed
									E	Trimethyl Pentane (Mixed)
										Trimethyl Pentene
B	X	X	B	X	B	B	B		X	Sulfur Trioxide, Dry
									X	Chromium Trioxide (Chromic Oxide)
E	E						E	E	B	Urea (Carbamide)
				E						Urethane Formulations
B	X	X	E	X	X	X	X		X	Steam, Below 350° F
				X					E	Versilube F44
			X	E					E	Versilube F55
E	R	R	E	X	E	R	X		B	Vinegar (Acetic Acid)
X		X			X	X	B	E	C	Vinyl Benzene
										Vinyl Styrene
X		X			X	X	E	E	X	Vinyl Toluene
E	E	E	E	E	E	E	X		E	Wines
			X	X						Vital, 4300, 5310
X	R	X	X	E	X	X	X	E	B	VM & Naphtha
X	B	X	X	E	X	X			E	Wemco C
E	E	E	E	E	E	E	X		E	Whiskey
E	E	E	E	E	E	E			E	Xenon
X	X	X	X	X	X	X	B	B	X	Xylene, Xylon
X	C	X	B	C	C	C	B	B	C	Xylidine
C	X	E	C	C	C	C	C	E	C	Iodine
		X	X	E	X	X			E	Iodoform
X		X			X	X	B	R	X	Ethyl Iodide
E	E	E	E	E	E	E			E	Zeolites
B	X	X	E		X	X	E		X	1,4-Dioxane
									C	1-Amino-2-Propanol (Isopropanolamine)
									C	1-Aminobutane (Butylamine)
									R	1-Aminopentane (Amylamine)
									X	1-Bromo-2-Methyl Propane (Isobutyl Bromide)
									X	1-Bromo-3-Methyl Butane (Isoamyl Bromide)
									X	1-Bromobutane (N-Butyl Bromide)
									X	1-Chloro-2-Methyl Propane (Isobutyl Chloride)
									X	1-Chloro-3-Methyl Butane (Isoamyl Chloride)
E		E			E	E	E	E	E	1-Decanol
									E	1-Hendecanol (Undecanol)
E		E			E	E	E	B	E	1 Undecanol
										2 (2Aminoethylamino) Ethanol (N-(Aminoethyl)
									C	2 (2Ethoxyethoxy) Ethanol (Carbitol)
										2,4-Di-Sec—Pentylphenol
E		B			B	B			C	2-Aminoethanol (Ethanolamine)
									X	2-Chloro-1-Hydroxy-Benzene (O-Chlorophenol)
X	X	X	X	X	X	X	B	E	X	2-Chlorophenol
		X	X	X	X	X	E	E	X	2-Chloropropane
E	E	E	E	E	E	E	E	E	C	2-Ethyl-1-Hexanol
E		X			X	X	E	E	X	2-Ethyl (Butyraldehyde)
									C	2-Ethoxyethanol
									X	2-Octanone (Methyl Hexyl Ketone)
							E		E	3-Coal Oil
									X	3-Bromopropene (Allyl Bromide)
										3-Chloro-2-Methyl Propane
									C	3-Chloropropane
									X	4-Hydroxy-4-Methyl-2-Pentanone (Diacetone Alcohol)



General Selling Conditions

Orders:

Purchases shall be made by written order, which must include at least the following information:

Complete Company Name, Order No., Tax ID, invoicing address and shipping address.

Purchase orders must be sent via email to sales@kuriyama.eu.

Minimum order: 2,000 € (VAT not included).

Order cancellation: written requests will only be accepted for orders that are not customized and/or non-standard products and those that are not currently in production or have been shipped.

Prices

The prices applied will be those in force on the date of the customer's order.

The prices are Recommended Retail Prices (RRP), which do not include Value Added Tax (VAT).

Kuriyama Europe Coöperatief U.A. reserves the right to make any price changes without prior notice.

Payment terms

Payment terms will be agreed by both parties with a maximum period of 30 days after the invoice date.

Discounts

To know the discounts applicable to each product, you must consult with the corresponding delegate in your area.

Transport

Shipping conditions and costs will be discussed with our customer service or your sales representative.

Returns

Returns will only be accepted with prior authorization from the Customer Service department and must be documented in writing with the following information:

- a) Invoice/delivery note no. corresponding to the material for which the return is requested
- b) Reasons for return
- c) Indicate if an exchange or credit note is requested

No returns will be accepted after 30 days of receipt, nor are returns allowed for customized products and/or non-standard products. In the event that it is necessary to repack the goods, a charge of 20% of the value of the invoiced material will be added.

In case of acceptance, the postage will always be paid by the customer.

Claims

This must be documented by filling in the form provided by the Customer Service department, which will determine whether the return shall be conceded, in which case the Customer Service department will provide an Incident No.

Manufactured to order

Products indicated in our rates as NON-STANDARD, manufactured to order, and subject to the following conditions of sale:

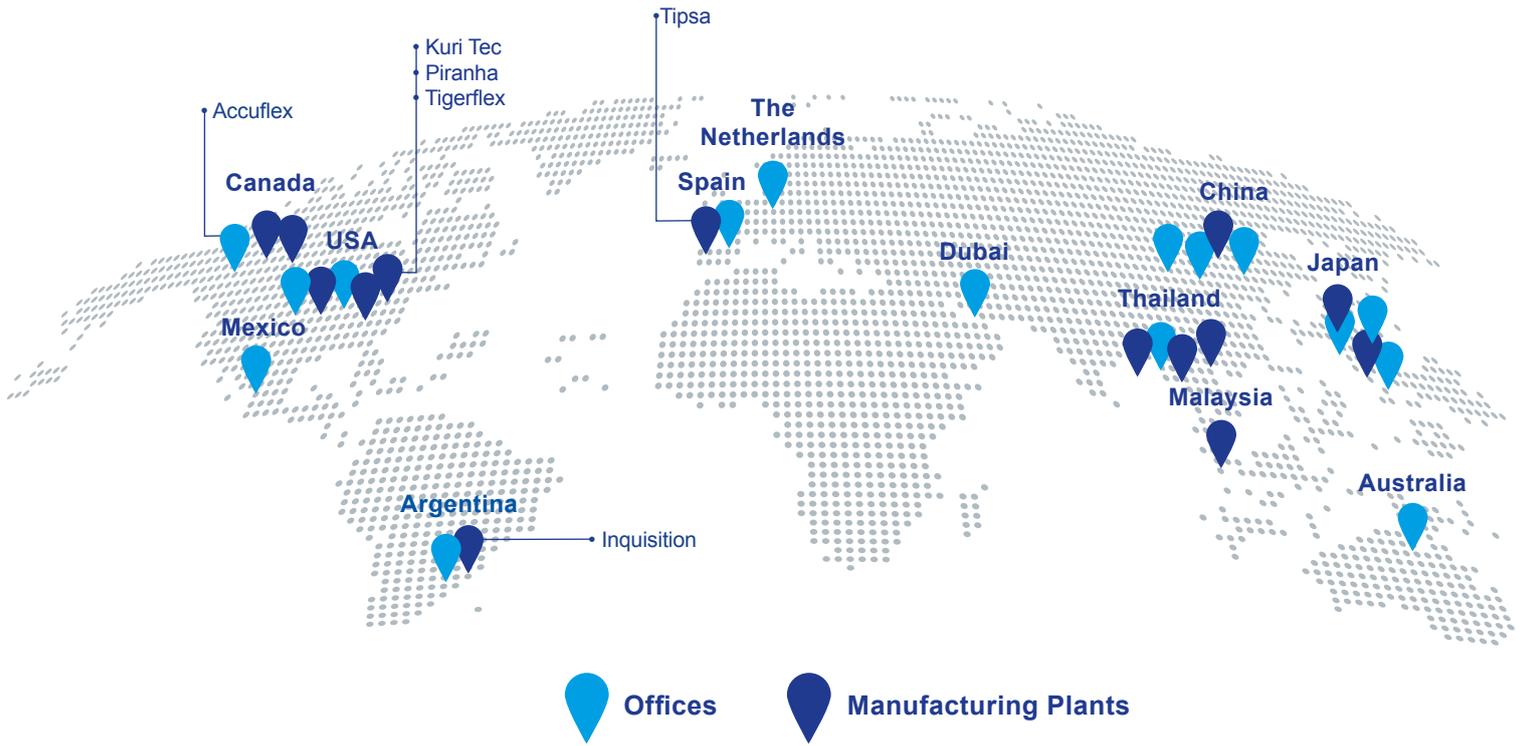
- Total or partial cancellations of the order are not allowed once said order has been accepted.
- For orders of special hoses and private label, the total number of meters manufactured must be accepted, including short lengths and up to a maximum of 20% of the total order.

Limited Warranty

All products supplied by Kuriyama Europe Coöperatief have a warranty of 5 years from the original date of invoice against defects in materials and workmanship. The warranty is limited to the product and does not contemplate any liability, including incidental, or consequential damages including loss of profits, whether or not caused by or resulting from the negligence of the manufacturer of the product.

In addition, this warranty shall not apply to any products or portions thereof which have been subjected to abuse, misuse, improper installation, maintenance, or operation and any abnormal conditions, and to products which have been tampered with/altered, modified, repaired, reworked by anyone not approved by Kuriyama Europe Coöperatief, or used in any manner inconsistent with the provisions of any instructions or specifications provided with or for the product.

TIPSA - KURIYAMA EUROPE reserves the right to modify any technical specification of the products shown in the price list without prior notice



KURIYAMA HOLDINGS



Kuriyama Europe

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