AIR HOSE

AIR MONTANA 10

Application :
Mandrel built lightweight air hose suitable for a variety of general purposes in industries construction sites and mining sites.

AIR MONTANA 20

Application :
Softwall hose for compressed air with light traces of oil mist, normally used for heavy duty applications in road construction sites, quarries and mining sites

Temperature range : from -30°C (-22°F) to + 70°C (+158°F)

Construction

Tube : black, smooth, SBR rubber, oil mist resistant

Reinforcement : high strength synthetic cord

Cover : Black, smooth (wrapped finish) long lasting EPDM rubber weathering and ozone resistant

COMPRESSED AIR HOSE

I.D.		AIR MONTANA 10				AIR MONTANA 20			
		working pressure		bursting pressure (theoretical)		working pressure		bursting pressure (theoretical)	
mm	inch	bar	psi	bar	psi	bar	psi	bar	psi
10	3/8	10	150	30	450	20	300	60	900
13	½	10	150	30	450	20	300	60	900
16	5/8	10	150	30	450	20	300	60	900
19	¾	10	150	30	450	20	300	60	870
25	1	10	150	30	450	20	300	60	870
32	1¼	10	150	30	450	20	300	60	870
38	1½	10	150	30	450	20	300	60	870
51	2	10	150	30	450	20	300	60	900
63.5	2½	10	150	30	450	20	300	60	900
76	3	10	150	30	450	20	300	60	900
90	3½	10	150	30	450	20	300	60	900
102	4	10	150	30	450	20	300	60	900
127	5	10	150	30	450				
152	6	10	150	30	450				
203	8	10	150	30	450				

AIR ALASKA

Application :
High pressure steel wire reinforced compressed air hose, designed for applications where a heavy duty hose is necessary.

Temperature range: from -30°C (-22°F) to + 70°C (+158°F)

Construction

Tube : black, smooth, SBR rubber

Reinforcement : inserts of steel wire

Cover : Yellow, smooth (wrapped finish) long lasting EPDM rubber, weathering, and ozone resistant.

STEEL WIRE COMPRESSED AIR HOSE

I.D.		working pressure		bursting pressure (theoretical)	
mm	inch	bar	psi	bar	psi
13	½	70	1050	210	3150
19	¾	50	750	150	2250
25	1	45	675	135	2025
32	1¼	45	675	135	2025
38	1½	45	675	135	2025
51	2	40	600	120	1800
63.5	2½	35	525	105	1575
76	3	35	525	105	1575
102	4	30	450	90	1350

FOOD AND DRINK HOSE

FOOD SCOTLAND

Application :
Softwall hose for delivery of vintage wines and alcohols at 96˚.
Specially designed for use in breweries and distilleries, completely odourless and taste free.

Reinforcement : high strength synthetic cord, separated by a layer of rubber.

PREMIUM DELIVERY HOSE FOR NON FATTY FOODS

I.D.		working pressure		bursting pressure (theoretical)	
mm	inch	bar	psi	bar	psi
25	1	10	150	30	450
32	1 1/4	10	150	30	450
38	1 1/2	10	150	30	450
51	2	10	150	30	450
63.5	2 1/2	10	150	30	450
76	3	10	150	30	450

FOOD SCOTLAND LL

Application :
Hardwall hose for suction and delivery of vintage wines and alcohols at 96˚.
Specially designed for use in breweries and distilleries, completely odourless and taste free.

Reinforcement : high strength synthetic cord and helix wire.

PREMIUM SUCTION AND DELIVERY HOSE FOR NON FATTY FOODS

I.D.		working pressure		bursting pressure (theoretical)	
mm	inch	bar	psi	bar	psi
25	1	10	150	30	450
32	1 1/4	10	150	30	450
38	1 1/2	10	150	30	450
51	2	10	150	30	450
63.5	2 1/2	10	150	30	450
76	3	10	150	30	450
102	4	10	150	30	450

Temperature Range : from -40°C (-40°F) to + 120°C (+248°F)
Construction
Tube : white, smooth, food quality, taste free and odourless IIR rubber.
Cover : blue, smooth (wrapped finish) food quality IIR rubber, weathering resistant.

STEAM HOSE

STEAM MANITOBA

Application :
Softwall steam hose, textile reinforced, recommended for use with saturated steam at a maximum working pressure of 6 bar (87 psi)

Temperature range: from -40°C (-40°F) to +165°C (+329°F)
Construction
Tube : black, smooth, EPDM rubber, resistant to saturated steam.
Reinforcement : high strength synthetic cord
Cover : black, smooth (wrapped finish), EPDM rubber resistant to high temperatures, weathering and ozone.

STEAM HOSE FOR 165°C (329°F) TEXTILE REINFORCED

I.D.		working pressure		bursting pressure (theoretical)	
mm	inch	bar	psi	bar	psi
13	1/2	6	90	60	900
16	5/8	6	90	60	900
19	3/4	6	90	60	900
25	1	6	90	60	900
32	1 1/4	6	90	60	900
38	1 1/2	6	90	60	900
51	2	6	90	60	900
63.5	2 1/2	6	90	60	900
76	3	6	90	60	900
102	4	6	90	60	900

STEAM HOSE

STEAM VICTORIA

Application :
Steel cord hose for saturated steam at a maximum working pressure 18 Bar(261psi), used in the chemical industry, petrochemical and industrial applications in general. Not recommended for steam cleaner.The hose can be used for peaks of superheated steam at 230˚C and at 18 bar.

Temperature range: from -40°C(-40°F) to +210°C (+410°F)

Construction

Tube : black, smooth, EPDM rubber, resistant to saturated steam

Reinforcement : inserts of steel wire

Cover : black, pin pricked, smooth (wrapped finish), EPDM rubber with excellent resistance to high temperatures, weathering, abrasion and ageing.

STEAM HOSE FOR 210°C (410°F) WIRE REINFORCED

I.D.		working pressure		bursting pressure (theoretical)	
mm	inch	bar	psi	bar	psi
13	1/2	18	270	180	2700
16	5/8	18	270	180	2700
19	3/4	18	270	180	2700
25	1	18	270	180	2700
32	1 1/4	18	270	180	2700
38	1 1/2	18	270	180	2700
51	2	18	270	180	2700
63.5	2 1/2	18	270	180	2700
76	3	18	270	180	2700
102	4	18	270	180	2700
125	5	18	270	180	2700

ACID AND CHEMICAL HOSE

SUPERTOP

Application :
Softwall hose with cross-linked polyethylene tube, suitable for handling a wide range of chemicals, petroleum products and oils.

Reinforcement : high strength synthetic cord and antistatic copper wires.

Cover : green, smooth (wrapped finish), EPDM rubber specially compounded for higher resistance to weathering and ozone.

MULTI PURPOSE CHEMICAL AND PETROLEUM DISCHARGE HOSE

I.D.		working pressure		bursting pressure (theoretical)	
mm	inch	bar	psi	bar	psi
19	3/4	10	150	40	600
25	1	10	150	40	600
32	1 1/4	10	150	40	600
38	1 1/2	10	150	40	600
51	2	10	150	40	600
63.5	2 1/2	10	150	40	600
76	3	10	150	40	600
102	4	10	150	40	600

SUPERTOP LL

Application :
Hardwall hose with cross-linked polyethylene tube, suitable for handling a wide range of chemicals, petroleum products and oils.

Reinforcement : high strength synthetic cord, steel helix wire and antistatic copper wire.

Cover : green, smooth (wrapped finish), EPDM rubber with excellent resistance to weathering and ozone.

See IVG chemical resistance tables for details

Temperature range: from -30°C(-22°F) to + 70°C(+158°F)

Tube: black, smooth, cross-linked polyethylene (XLPE)

MULTI PURPOSE CHEMICAL AND PETROLEUM SUCTION AND DISCHARGE HOSE

I.D.		working pressure		bursting pressure (theoretical)	
mm	inch	bar	psi	bar	psi
19	3/4	10	150	40	600
25	1	10	150	40	600
32	1 1/4	10	150	40	600
38	1 1/2	10	150	40	600
51	2	10	150	40	600
63	2 1/2	10	150	40	600
76	3	10	150	40	600
102	4	10	150	40	600
152	6	10	150	40	600
203	8	10	150	40	600

MATERIAL HANDLING HOSE

ABR SHANNON / 80

Application :
Steel cord hose used for concrete placement at casting locations ; it is used at the end of the pumps to distribute the concrete. The hose resists suction during the cleaning process
Temperature range: from -40°C (-40°F) to + 70°C (+158°F)
Construction
Tube : black, smooth, NR / SBR rubber, that withstands the abrasive action of the concrete.
Reinforcement : plies of steel wire cord
Cover : black, smooth, (wrapped finish), NR / SBR rubber, abrasion and weathering resistant.

CONCRETE PLACEMENT HOSE, 4 STEEL WIRES, 80 BARS WP

I.D.		working pressure		bursting pressure (theoretical)	
mm	inch	bar	psi	bar	psi
65	2-9/16	80	1200	200	3000
76	3	80	1200	200	3000
102	4	80	1200	200	3000
125	4-59/64	80	1200	200	3000
152	6	80	1200	175	2625

ABR VOLGA

Application :
Hardwall hose used for the suction and delivery of dry cement, sand, gravel, etc.
Temperature Range : -30°C (-22°F) to + 70°C (+158°F)
Construction
Tube : black, smooth, antistatic SBR / NR rubber which withstands the passage of abrasive materials.
Reinforcement : high strength synthetic cord, steel helix wire and antistatic copper wire
Cover : black, smooth (wrapped finish), EPDM rubber, weathering and ozone resistant.

BULK MATERIALS SUCTION & DELIVERY HOSE

I.D.		working pressure		bursting pressure (theoretical)	
mm	inch	bar	psi	bar	psi
52	2	10	150	30	450
63.5	2 1/2	10	150	30	450
76	3	10	150	30	450
90	3 1/2	10	150	30	450
102	4	10	150	30	450
127	5	10	150	30	450
152	6	10	150	30	450
203	8	10	150	30	450
254	10	10	150	30	450
305	12	10	150	30	450

OIL AND PETROLEUM HOSE

STEEL MILL OIL RETURN

Application :
Mandrel built rubber hose specifically designed for water cooling and oil return operations in steel mills.
Temperature range: from -30°C (-22°F) to + 110°C (+230°F)
Construction
Tube : black, smooth synthetic rubber compound.
Reinforcement : high strength synthetic cord plus embedded steel helix wire.
Cover : covered with fibre glass, vulcanized, heat resistant.
The fibre glass cover resists radiant heat up to + 530°C (+986°F)

WATER COOLING AND OIL RETURN HOSE

I.D.		working pressure		bursting pressure (theoretical)	
mm	inch	bar	psi	bar	psi
75	3	16	240	48	720
102	4	16	240	48	720

OIL AND PETROLEUM HOSE

OIL AUSTRALIA

Application :
Softwall hose used for the delivery of petroleum products with aromatic content up to 30%
Temperature range: from -20°C(-4°F) to +70°C (+158°F)
Construction

Tube : black, smooth, NBR rubber
Reinforcement : high strength synthetic cord plus antistatic copper wires
Cover : black, smooth (wrapped finish), synthetic rubber, weathering and oil resistant.

FUEL & OIL DELIVERY HOSE

I.D.		working pressure		bursting pressure (theoretical)	
mm	inch	bar	psi	bar	psi
13	1/2	10	150	30	450
16	5/8	10	150	30	450
19	3/4	10	150	30	450
25	1	10	150	30	450
32	1 1/4	10	150	30	450
38	1 1/2	10	150	30	450
51	2	10	150	30	450
63.5	2 1/2	10	150	30	450
76	3	10	150	30	450
102	4	10	150	30	450

OIL PUERTORICO

Application :
Hardwall hose used for the suction and delivery of petroleum products with aromatic content up to 30%
Temperature range: from -20°C(-4°F) to +70°C (+158°F)
Construction

Tube : black, smooth, NBR rubber
Reinforcement : high strength synthetic cord, antistatic copper wire, and steel helix wire.
Cover : black, smooth (wrapped finish), synthetic rubber, weathering and oil resistant.

FUEL & OIL SUCTION AND DELIVERY HOSE

I.D.		working pressure		bursting pressure (theoretical)	
mm	inch	bar	psi	bar	psi
19	3/4	10	150	30	450
25	1	10	150	30	450
32	1 1/4	10	150	30	450
38	1 1/2	10	150	30	450
51	2	10	150	30	450
63.5	2 1/2	10	150	30	450
76	3	10	150	30	450
102	4	10	150	30	450
127	5	10	150	30	450
152	6	10	150	30	450
203	8	10	150	30	450
TYPE SUPER					
32	1 1/4	16	240	48	720
38	1 1/2	16	240	48	720
51	2	16	240	48	720
63.5	2 1/2	16	240	48	720
76	3	16	240	48	720
102	4	16	240	48	720
127	5	16	240	48	720
152	6	16	240	48	720

OIL LGP

Application :
Softwall hose suitable for the delivery of liquefied petroleum gas, LPG (liquid or gas) and natural gas.
Temperature range: from -30°C(-22°F) to +100°C (+212°F)
Construction

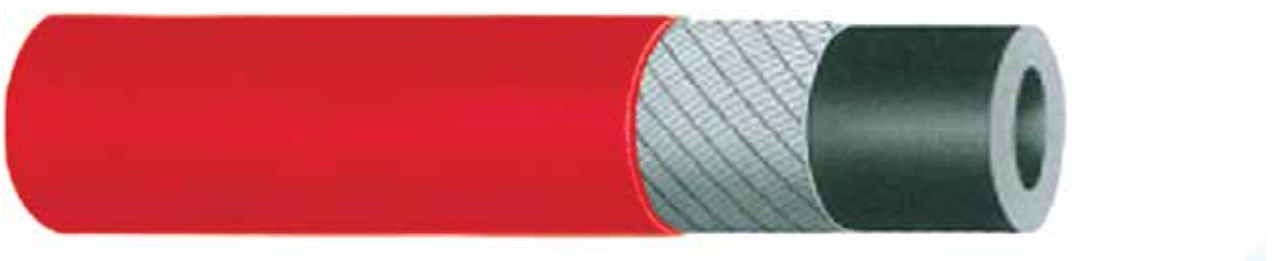
Tube : extruded, black, smooth, synthetic rubber.
Reinforcement : high strength synthetic cord.
Cover : black, smooth (wrapped finish), synthetic rubber, weathering and ozone resistant. Pin pricked cover to allow gas permeation.

GAS DELIVERY HOSE

I.D.		working pressure		bursting pressure (theoretical)	
mm	inch	bar	psi	bar	psi
13	1/2	25	367	100	1470
25	1	25	367	100	1470
32	1 1/4	25	367	100	1470
38	1 1/2	25	367	100	1470
50	1 31/32	25	367	100	1470
75	2 61/62	25	367	100	1470

TRANSFLEX

Multi Purpose Hose



Application : To convey Air/Water/ Compressed Air with oil mist
Construction : Specially compound rubber tube
Cover Smooth : Red color compound cover with Synthetic rubber
Safety factor : 3 : 1

SIZE			working pressure		bursting pressure (theoretical)	
I.D.		O.D.				
inch	mm	mm	bar	psi	bar	psi
1/4	6.4	13.5	20	300	60	900
5/16	8	15	20	300	60	900
3/8	9.5	18	20	300	60	900
1/2	13.0	21.0	20	300	60	900
5/8	16	24	20	300	60	900
3/4	19	32	20	300	60	900
1	25.4	36	20	300	60	900

OMEGA TUBES

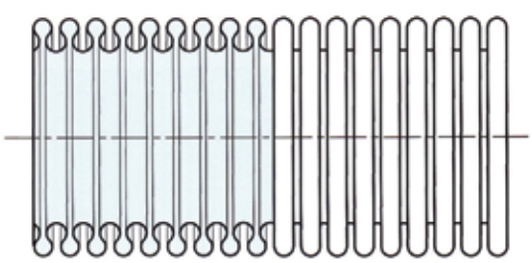
These tubes are excellent in dynamic characteristics as well as corrosion resistant and pressure proof properties. The flexibility and pliability have changed public image of metallic tubes.

SIZE	TYPE	DIMENSION	MINIMUM BENDING RADIUS	REACTION FORCE NOTE (1)	BURST PRESSURE (WITH SINGLE WIRE BRAID)
		I.D			
20	QA 20	20.4	80	3	220
25	QA 25	26.0	90	3	190
32	QA 32	32.5	100	4	140
40	QA 40	40.0	120	8	100
50	QA 50	54.0	140	10	80
65	QA 65	65.0	150	10	60
80	QA 80	79.0	220	10	60
90	QA 90	92.0	240	11	50
100	QA 100	102.0	280	14	45
125	QA 125	129.0	350	14	40
150	QA 150	153.0	500	14	35
200	QA 200	203.0	750	14	35
250	QA 250	250.0	850	15	30

Material / SUS304,SUS316L Temperature/ - 200°C~400°C ¤800

SANKO FLEXI

FLEXIBLE METAL HOSE



Size (inch)	ID (mm)	Thickness	Working Pressure (Bar)
1/2”	13.2	0.3	65
3/4”	19.2	0.3	61
1”	25	0.3	32
1 1/4”	32.3	0.3	32
1 1/2”	38.5	0.35	34
2"	53.5	0.4	22
3"	74	0.4	23
4"	103.5	0.4	13
6"	152	0.5	9
8"	203	0.5	12

Material : SS 304, SS 316

WELDING HOSE

WELDING HOSE
DUAL LINE WELDING HOSE
Red : Acetylene
Green : Oxygen

SINGLE WELDING HOSE
Red : Acetylene

SINGLE WELDING HOSE
Green : Oxygen

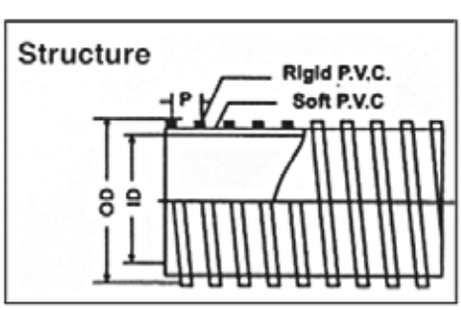
Applications : For use with welding and allied processes in workshop, shipyards, contructions sites and manufacturing industries.
Tube : High ignition temperature synthetic rubber.
Reinforcement : High tensile synthetic textile filament yarn.
Cover : Excellent ozone and weather resistant synthetic rubber.
Surface : Smooth
Operating Temperature : -25°C to 80°C
Safety Factor : 3 : 1

DUCT HOSE

TYPE : GL "TRANSFLEX" Ex ITALY

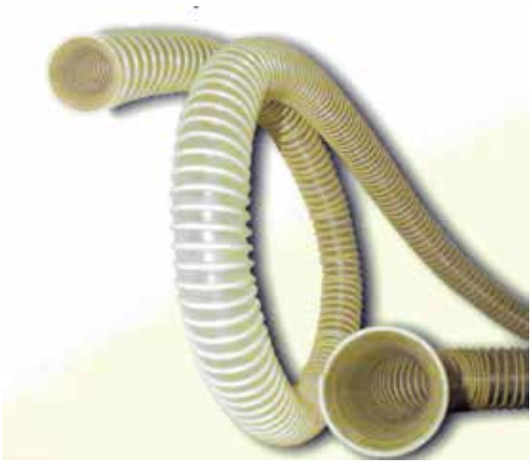
Nominal Size		ID (mm)	Pitch (mm)	Torelable Bending Radius (mm)
mm	inch			
32	1 1/4	32.7 ± 0.5	9.0 ± 0.4	30
38	1 1/2	38.0 ± 0.5	9.5 ± 0.4	35
50	2	50.8 ± 1.0	10.0 ± 0.4	50
65	2 1/2	63.5 ± 1.0	10.0 ± 0.4	60
75	3	76.2 ± 1.0	12.0 ± 0.4	75
100	4	101.6 ±1.5	13.0 ± 0.5	90
125	5	127.0 ± 1.5	16.5 ± 0.5	120
150	6	152.4 ± 1.5	17.0 ± 0.5	150
200	8	203.2 ± 2.0	17.0 ± 0.5	140
250	10	254.0 ± 2.0	20.0 ± 0.5	320
300	12	304.8 ± 2.0	20.0 ± 0.5	350

APPLICATION
1. For house heating and air conditioning
2. For building ventilation
3. For dust collection in civil-engineering works
4. For ventilation of a mine and coal mine
5. For dust collection in textile spinning and weaving factory
6. For dust collection in metal grinding and machine manufacturing plants
7. For transporting powders and liquid
8. For cleaner hose for auto mobiles and various industrial manchines
9. For ventilation of welding gas at shipbuilding yard

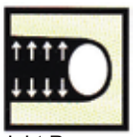


Ø 2" X 20 m
Ø 2 1/2" X 20 m
Ø 3" X 20 m
Ø 4" X 20 m
Ø 5" X 20 m
Ø 6" X 20 m
Ø 8" X 20 m
Ø 10" X 20 m
Ø 12" X 10 m

PU DUCT HOSE




Light Weight


Light Pressure Resistance


Excellent Transparency


High Abrasion Resistance


Excellent Flexibility

Inner Dia.		Bending Radius (mm)	Standard Length (mm)
In	mm		
1	25	30	20
1 1/4	31.8	35	20
1 1/2	38.1	50	20
2	50.8	70	20
2 1/2	63.5	80	20
3	76.2	100	20
4	101.6	140	20
5	127	170	20
6	152.4	200	20

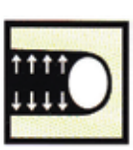
Light weight and highly flexible polyurethane duct hose reinforced with rigid material helix. Minimum frictional loss achived by smooth bore. Offers considerably longer life that PVC ducting due to increased abrasion resistance and mechanical strength.

APPLICATION

1. Excellent for conveyance applications requiring abrasion-resistance, flexibility and compressibility.
2. Widely used in wood-working, electronic and other industrial applications.
3. Ideal for air conveyance, fume extraction and other ventilation applications.
4. Extensively used for conveying of light dust, fluff and small particles under low pressure or vacuum.

SPRING HOSE


Excellent for fluid conveyance


Excellent Pressure Resistance


Excellent Transparency


Superior Abrasion Resistance & Durability


Excellent Flexibility

Heavy-Duty Transparent PVC Hose reinforced with hight tensile carbon steel helix. Excellent resistance to pressure vacuum and abrasion. Highly flexible to wide range of temperature.

Size (Inch)	Dia. (mm)		W.P. (BAR)	B.P. (BAR)	Coil Length (m)
	I.D.	O.D			
3/4	19	26	5	15	50
1	25	31	5	15	50
1 1/4	32	28	4	12	40
1 1/2	38	45	4	12	40
2	51	59	3	9	40
2 1/2	63	72	2	6	40
3	76	88	2	6	30
4	102	113	2	6	30
5	127	141	2	6	20
6	152	166	2	6	20

APPLICATION

1. Suitable for oil and chemical resistance aplications.
2. Ideal for pumping and transfering of liquid, powder and granular material.
3. Exceptionally tough and durable for heavy-duty industrial applications
4. Extensively used for suction and dischange-public utilities, drainage, ships, silos and irrigation plants.

COMPOTEC

COMPOSITE HOSE

Chem 700 HD

Oil 800 HD

PTFE 300 HD

CRYOTEC

Code	Chem 700 HD PZ	Chem 700 HD PX	Chem 700 HD XZ	Chem 700 HD XX
Inner Wire	PP Coated Steel	PP Coated Steel	St. Steel	St. Steel
Outer Wire	Galv. Steel	St. Steel	Galv. Steel	St. Steel
Application	Heavy duty chemicals / solvents liquid transfer			
Colour	Green			
Temperature	- 40° + 100°C			
WP	16 Bar			

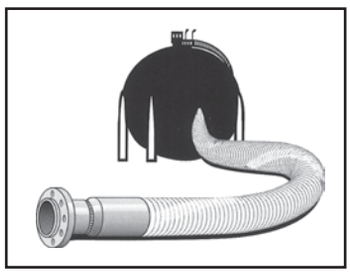
Code	Oil 800 HD ZZ	Oil 800 HD ZX	Oil 800 HD XZ	Oil 800 HD XX
Inner Wire	Galv. Steel	Galv. Steel	St. Steel	St. Steel
Outer Wire	Galv. Steel	St. Steel	Galv. Steel	St. Steel
Application	Heavy duty fuel / oil liquid transfer			
Colour	Blue			
Temperature	-40° + 100°C			
WP	16 Bar			

Code	PTFE 300 HD		Nanotec Inside	
	PTFE 300 HD XZ	PTFE 300 HD XX	Nanotec HD XZ	Nanotec HD XX
Inner Wire	St. Steel	St. Steel	St. Steel	St. Steel
Outer Wire	Galv. Steel	St. Steel	Galv. Steel	St. Steel
Application	Heavy duty aggressive chemicals liquid transfer		Heavy duty aggressive chemicals liquid transfer	
Colour	Red		Red	
Temperature	-40° + 100°C		-40° + 125°C	
WP	16 Bar		16 Bar	

Code	CRYOTEC 660 LG			CRYOTEC 661 N		
	Cryotec 660 ZZ	Cryotec 660 ZX	Cryotec 660 XX	Cryotec 661 ZZ	Cryotec 661 ZX	Cryotec 661 XX
Inner Wire	Galv. Steel	Galv. Steel	Stain. Steel	Galv. Steel	Galv. Steel	Stain. Steel
Outer Wire	Galv. Steel	Stain. Steel	Stain. Steel	Galv. Steel	Stain. Steel	Stain. Steel
Application	Liquid Petroleum Gas LPG			Liquified Natural Gas LNG extremely low temperatures		
Colour	White			White		
Temperature	-105 + 100°C			-200 + 80°C		
WP	25 bar (until 8 inch), 15 bar (for 10 inch), 10 bar (for 12 inch)			16 bar (until 5 inch), 13 bar (for 6 inch - 10 inch), 10 bar (for 12 inch)		

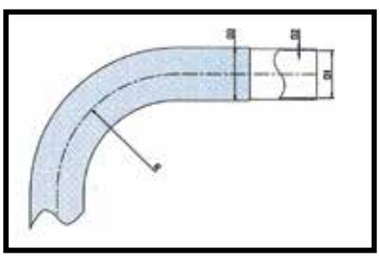
COMPOSITE HOSE

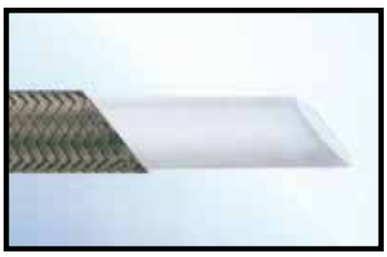


	Standard Duty Hose	Heavy Duty Hose
Application	Recommended as tank truck, rail car and inplant hose	Recommended as ship to shore hose
Diameter Range	25 mm - 100 mm , 1 inch - 4 inch	75 mm - 250 mm, 3 inch - 10 inch
Working Pressure	10 Bar - 150 psi	14 Bar - 200 psi
Maximum Length	20 meter - 65 Ft	20 meter - 65 Ft
Temperature	- 30˚C (-22˚F) - + 100˚C (+212˚F)	-30˚ (-22˚F) - +100˚C (+212˚F)


Smooth Bore Teflon Hose with Stainless Steel Braid





Construction :
Manufactured from virgin PTFE (Polytetrafluorethylene) resin with AISI 304 stainlees steel, high tensile braid

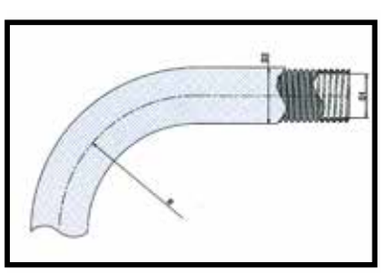
Fitting :
Fitting with PTFE tail.
Industrial couplings.

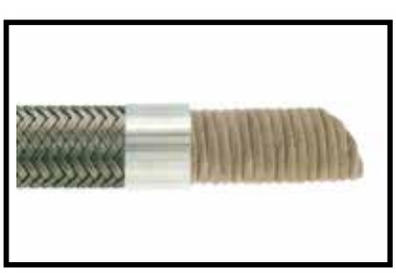
Size	DI		D2	D3		R	WP	BP
	min	max	min	min	max	min	Bar 20°C	
1/4”	5,97	6,48	0,64	8,13	9,14	76	241	724
5/16”	7,54	8,05	0,58	9,91	10,82	102	230	690
3/8”	8,69	9,19	0,64	11,18	12,19	127	219	655
13/32”	10,03	10,54	0,76	12,70	13,72	133	195	586
1/2”	12,12	12,62	0,76	14,99	15,8	140	161	483
5/8”	14,86	15,47	0,89	17,78	19,05	165	138	414
3/4”	18,49	19,25	0,89	21,34	22,86	203	114	345
7/8”	21,67	22,43	0,89	24,64	25,91	229	92	276
1”	24,82	25,83	1,02	27,69	29,46	305	69	207

TEMP. - 70°C + 260°C

Other materials on request.
We reserve the right to alter the specifications without notice.

Convoluted Teflon Hose with Tape Wrapped & Stainless Steel Braid





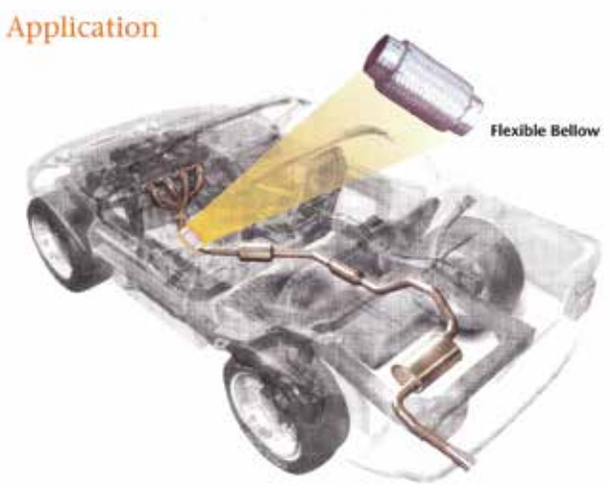
Construction :
Low profile helically convoluted PTFE (Polytetrafluorethylene) liner, glassfiber reinforced, with a AISI 304 high tensile, stainless steel braid.

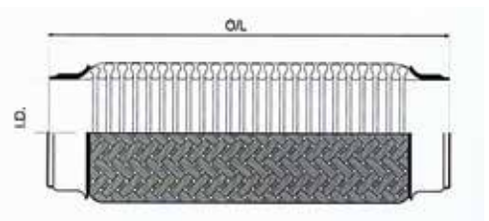
Fitting :
Hose fitting with hydraulic tail, hose assembling without de-convoluting the inner liner. Specially designed for hydraulic tail fittings.

Size	DI	D3	R	WP	BP
	Nominal	Nominal	mm	Bar 20°C	
3/8”	9,53	15,62	25	69	276
1/2”	12,70	19,93	38	86	345
5/8”	16,00	23,03	51	96	386
3/4”	19,05	26,67	64	76	303
1”	25,40	32,25	76	69	276
11/4”	31,75	39,88	89	69	276
11/2	38,10	45,97	114	52	207
2”	50,80	58,93	133	34	135

TEMP. - 70°C + 260°C

Other materials on request.
We reserve the right to alter the specifications without notice.





Material SUS-304

Applications:
Fitted to Muffler
Unit to Absorb
Vibration

SIZE	LENGTH
1¾"	15 cm
1¾"	20 cm
1¾"	25 cm
2"	12 cm
2"	15 cm
2"	20 cm
2"	25 cm
2½"	15.2 cm
2½"	20.3 cm
2½"	25.4 cm

MARUTEK SAND BLAST HOSE

SAND BLAST HOSE

- Developed for conveying highly abrasive media suitable for blasting shot and other media, e.g. quartz sand, steel shot, corundum, glass. etc.
- Extremely long service life due to highly abrasion resistant quality of the rubber lining.
- Security against electrical shocks by electrically conductive lining.

Temperature Range : -35°C / +80°C (ambient temperature)
Safety Factor : 3,5 :1
Tube : NR / BR, Black Smooth, Highly Abrasion Resistant, Electrically Conductive
Reinforcement : Textile, Wrapped
Cover : SBR, Black Smooth, Cloth Impression, Antistatic

Inner Dia.		Wall Thickness	Working	Number	Bending Radius	Coil Length
In	mm	in (mm)	Pressure (Bar)	of piles	in (mm)	max. (m)
1 1/4	32	8	12	2	320	40
1 1/4	32	11.1	12	2	320	40
1 1/2	38	8	12	2	380	40
1 1/2	38	11.1	12	2	380	40
2	51	11.1	12	2	500	40

HYDRAULIC HOSES

SAE 100 R1 AT / DIN-EN 853 1 SN

Inside Ø		Outside Ø	Working Pressure		Burst Pressure		Bending Radius	Weight	Test Pressure
Inch	mm	mm	bar	psi	bar	psi	mm	kg/m	bar
3/16	4.8	11.8	250	3625	1000	14500	90	0.19	600
1/4	6.4	13.4	225	3265	900	13050	100	0.21	540
5/16	7.9	15.0	215	3120	850	12325	115	0.24	510
3/8	9.5	17.4	180	2610	720	10440	125	0.33	430
1/2	12.7	20.6	160	2320	640	9280	180	0.41	385
5/8	15.9	23.7	130	1885	520	7540	200	0.45	310
3/4	19.0	27.7	105	1525	420	6090	240	0.58	250
1	25.4	35.6	88	1275	350	5075	300	0.88	210
1-1/4	31.8	43.5	63	915	250	3625	420	1.23	150
1-1/2	38.1	50.6	50	725	200	2900	500	1.51	120
2	50.8	64.0	40	580	160	2320	630	1.97	96

Tube : Oil resistant synthetic rubber
Reinforcement : 1 high tensile steel wire braid
Cover : Abrasion, ozone and weather resistant synthetic rubber
Application : For high pressure hydraulic systems in industry and agriculture
Temperature : -40°C /+100°C (+120°C max)

SAE 100 R2 AT / DIN-EN 853 2 SN

Inside Ø		Outside Ø	Working Pressure		Burst Pressure		Bending Radius	Weight	Test Pressure
Inch	mm	mm	bar	psi	bar	psi	mm	kg/m	bar
3/16	4.8	13.4	415	6020	1650	23925	90	0.31	990
1/4	6.4	15.0	400	5800	1600	23200	100	0.33	960
5/16	7.9	16.6	350	5075	1400	20300	115	0.39	840
3/8	9.5	19.0	330	4785	1320	19140	125	0.50	790
1/2	12.7	22.2	275	3990	1100	15950	180	0.59	660
5/8	15.9	25.4	250	3625	1000	14500	200	0.71	600
3/4	19.0	29.3	215	3120	850	12325	240	0.86	515
1	25.4	38.1	165	2395	650	9425	300	1.28	395
1-1/4	31.8	48.3	125	1815	500	7250	420	2.02	300
1-1/2	38.1	54.6	90	1305	360	5220	500	2.20	215
2	50.8	67.3	80	1160	320	4640	630	2.85	190

Tube : Oil resistant synthetic rubber
Reinforcement : 2 high tensile steel wire braids
Cover : Abrasion, ozone and weather resistant synthetic rubber
Application : For high pressure hydraulic systems in industry and agriculture
Temperature : -40°C /+100°C (+120˚C max)

HYDRAULIC HOSES

DIN-EN 856 4 SP

Inside Ø		Outside Ø	Working Pressure		Burst Pressure		Bending Radius	Weight	Test Pressure
Inch	mm	mm	bar	psi	bar	psi	mm	kg/m	bar
3/8	9.5	21.4	445	6455	1780	25810	180	0.78	1070
1 /2	12.7	24.6	425	6165	1700	24650	230	0.93	1020
5/8	15.9	28.2	350	5075	1400	20300	250	1.17	840
3/4	19.0	32.2	350	5075	1400	20300	300	1.48	840
1	25.4	39.7	280	4060	1120	16240	340	2.02	670
1-1/4	31.8	50.8	210	3045	840	12180	460	3.05	500
1-1/2	38.1	57.2	185	2685	740	10730	560	3.52	445
2	50.8	69.8	165	2395	660	9570	660	5.20	395

Tube : Oil resistant synthetic rubber
Reinforcement : 4 high tensile steel wire spiral layers
Cover : Abrasion, ozone and weather resistant synthetic rubber
Application : For hydraulic systems with high peak pressures and arduous conditions of operations
Temperature : -40°C /+100°C (+120˚C max)

DIN-EN 856 4 SH

Inside Ø		Outside Ø	Working Pressure		Burst Pressure		Bending Radius	Weight	Test Pressure
Inch	mm	mm	bar	psi	bar	psi	mm	kg/m	bar
3/4	19.0	32.2	420	6090	1680	24360	280	1.53	1000
1	25.4	38.7	380	5510	1520	22040	340	2.06	910
1-1/4	31.8	45.5	345	5000	1380	20010	460	2.46	830
1-1/2	38.1	53.5	290	4205	1160	16820	560	3.35	695
2	50.8	68.1	250	3625	1000	14500	700	4.55	600

Tube : Oil resistant synthetic rubber
Reinforcement : 4 high tensile steel wire spiral layers
Cover : Abrasion, ozone and weather resistant synthetic rubber
Application : For hydraulic systems with high peak pressures and arduous conditions of operations
Temperature : -40°C /+100°C (+120˚C max)

SAE 100 R13 / DIN EN 856 TYPE R13

Inside Ø		Outside Ø	Working Pressure		Burst Pressure		Bending Radius	Weight
Inch	mm	mm	bar	psi	bar	psi	mm	kg/m
3/4	19.0	32	350	5075	1800	26100	240	1.635
1	25.4	38.4	350	5075	1750	25375	300	2.080
1-1/4	31.8	49.3	350	5075	1700	24650	420	3.885
1-1/2	38.1	57.3	350	5075	1650	23925	500	4.870
2	50.8	71.6	350	5075	1500	21750	630	6.460

Tube : Mineral, vegetable, and glycol based hydraulic oil resistant special synthetic rubber.
Reinforcement : 4 or 6 high tensile steel spiral
Cover : Hydraulic oil, abrasion and weather resistant special synthetic rubber
Application : For hydraulic systems with high peak pressures and arduous operating conditions.
Temperature : -40°C to + 120°C (+125˚Max)

HYDRAULIC HOSES WITH SMOOTH COVER

SAE 100 R1 AT / DIN-EN 853 1 SN

Inside Ø		Outside Ø	Working Pressure		Burst Pressure		Bending Radius	Weight	Test Pressure
Inch	mm	mm	bar	psi	bar	psi	mm	kg/m	bar
3/4	19.0	27.7	105	1525	420	6090	240	0.58	250

Tube : Oil resistant synthetic rubber
Reinforcement : 1 high tensile steel wire braid
Cover : Abrasion, ozone and weather resistant synthetic rubber
Application : For high pressure hydraulic systems in industry and agriculture
Temperature : -40°C /+100°C (+120°C max)

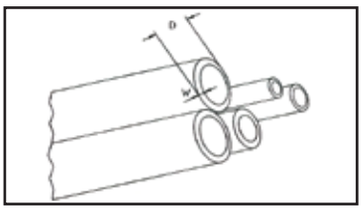
SAE 100 R2 AT / DIN-EN 853 2 SN

Inside Ø		Outside Ø	Working Pressure		Burst Pressure		Bending Radius	Weight	Test Pressure
Inch	mm	mm	bar	psi	bar	psi	mm	kg/m	bar
1/4	6.4	15.0	400	5800	1600	23200	100	0.33	960
3/8	9.5	19.0	330	4785	1320	19140	125	0.50	790
1/2	12.7	22.2	275	3990	1100	15950	180	0.59	660

Tube : Oil resistant synthetic rubber
Reinforcement : 2 high tensile steel wire braids
Cover : Abrasion, ozone and weather resistant synthetic rubber
Application : For high pressure hydraulic systems in industry and agriculture
Temperature : -40°C /+100°C (+120˚C max)

*Regarding on smooth cover, both wrapped cover and smooth cover use same rubber compound, the last step technical on cover is different wrapped cover use wrapping cloth to shape the cover, smooth cover use plastic to shape the cover. So the turn out is different.

CARBON STEEL SEAMLESS TUBE



Standard Specifications: DIN 2391 C St. 37.4 AS PER SPEC WITH NBK

Tube O.D. D = mm	Wall Thickness D = mm	Design Pressure DIN 2413-1 (bar)	Burst Pressure (bar)	Length (m)
4	1	600	3850	6.0
6	1	426	2340	6.0
6	1.5			6.0
6	2			6.0
8	1	368	1660	6.0
8	1.5	472	2800	6.0
8	2			6.0
10	1	294	1290	6.0
10	1.5	389	1930	6.0
10	2	498	3100	6.0
12	1	245	1220	6.0
12	1.5	368	1580	6.0
12	2	426	2380	6.0
14	2	420	2180	6.0
15	1	196	860	6.0
15	1.5	294	1140	6.0
15	2	392	1750	6.0
16	2	368	1800	6.0
16	2.5	403	2120	6.0
16	3	472	2800	6.0
18	1.5	245	1050	6.0
18	2	327	1520	6.0
20	2	294	1250	6.0
20	2.5	368	1550	6.0
20	3	389	1960	6.0
22	2	267	1020	6.0
22	3			6.0
25	2.5	294	1190	6.0
25	3	353	1520	6.0
28	2	210	880	6.0
28	2.5			6.0
28	3			6.0
30	2.5			6.0
30	3	294	1140	6.0
30	4	392	1650	6.0
35	2	168	670	6.0
35	5			6.0
38	4	309	1240	6.0
38	5			6.0
42	2	140	520	6.0
42	3	210	860	6.0
50	5			6.0

Permissible temperature range and required pressure reductions compared to calculation pressure for higher temperatures correspond to the decrease of 1% proof stress (DIN 17458)

TEMP.	-60°C up to + 20°C	50°C	100°C	200°C	300°C	400°C
PRESSURE REDUCTION	-	5.50%	11.50%	21.50%	29%	34%

Intermediate values are to be interpolated

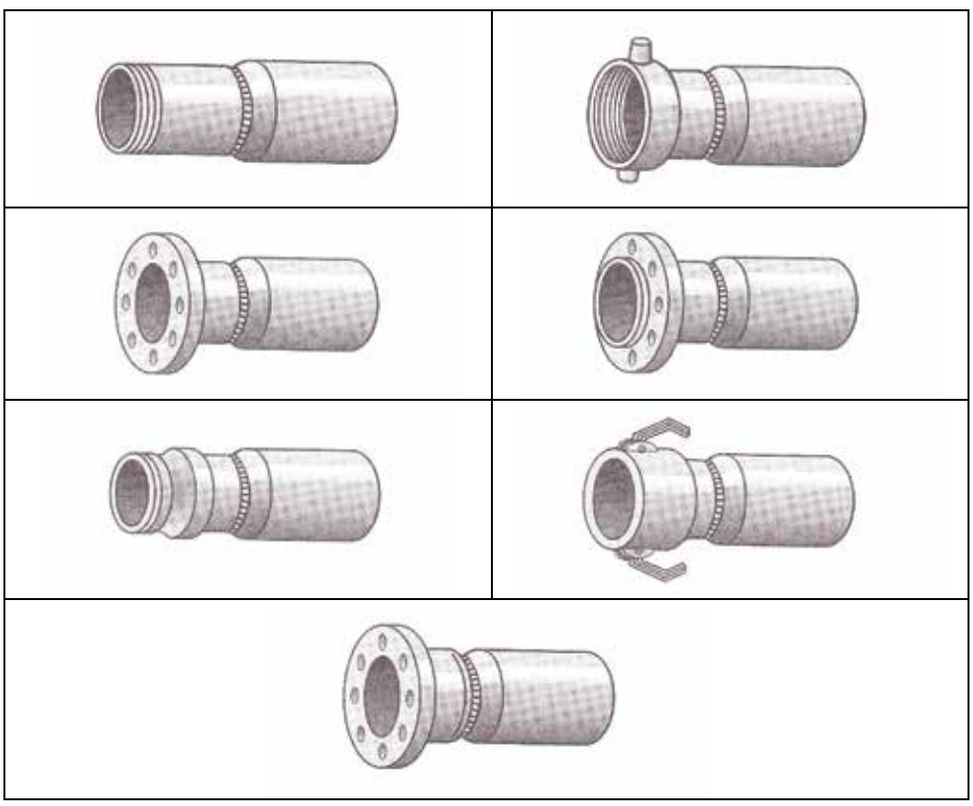
GALVANIZED CARBON STEEL RECOIL TUBE

Color : Zinc Multi color plating

Size (inch)	Length (m/roll)
3/16 “	15 m
1/4 “	15 m
5/16 “	15 m
3/8 “	15 m
1/2 “	15 m

END FITTINGS FOR COMPOSITE HOSE

Sizes : 1” To 10”
Materials : Carbon Steel, Stainless Steel, Aluminium, Brass, Polypropylene
Threads : BSP – NPT
Flanges : DIN-ASA-JIS
Attachment : Carbon Steel or Stainless Steel ferrules, externally swaged on to the hose.



CAM & GROOVE COUPLINGS FOR HOSE AND PIPE

(A)  **ADAPTOR** Female thread: NPT, BSP or special thread as demand	(B)  **COUPLER** Male thread: NPT, BSP or special thread as demand	(C)  **HOSE SHANK COUPLER** attached directly to uncoupled hose with any type clamps or band
(D)  **COUPLER** Female thread: NPT, BSP or special thread as demand	(E)  **HOSE SHANK ADAPTOR** attached directly to uncoupled hose with any type clamps or band	(F)  **ADAPTOR** Male thread: NPT, BSP or special thread as demand
(DC)  **DUST CAP** For Adapter type “A, E, F”	(DP)  **DUST PLUG** For Coupler “B, C, D”	 **CAM ARM:** Brass, Stainless Steel **PIN:** Stainless Steel

Avaliable in Size : Please call
Material of Body : Brass
Aluminium
Stainless Steel

CAM & GROOVE COUPLINGS FOR HOSE AND PIPE

(AR)  Aluminium Reducing Adapter - BSPT Female	(AA)  Aluminium Adapter - Adapter	(BR)  Aluminium Reducing Male Thread x Coupler - BSPT
(DD)  Aluminium Reducing Coupler	(DR)  Aluminium Reducing Female Thread x Coupler - BSPT	 Aluminium Gravity Drop Adapter
(FR)  Aluminium Reducing Adapter - BSPT Male		

Avaliable in Size : Please call
Material of Body : Aluminium

CLAMP HEAVY DUTY DOUBLE BOLT

Material : Galvanised Carbon Steel

TYPE:	SIZE (mm)
SL 29	OD (22 - 29)
SL 34	OD (28 - 34)
SL 40	OD (32 - 40)
SL 49	OD (39 - 48)
SL 60	OD (48 - 60)
SL 76	OD (60 - 76)
SL 94	OD (77 - 94)
SL 115	OD (94 - 115)
SL 400	OD (89 - 101)
SL 525	OD (113 - 127)
SL 550	OD (127 - 140)
SL 600	OD (135 - 155)
SL 675	OD (155 - 175)
SL 769	OD (175 - 195)
SL 875	OD (210 - 225)
SL 988	OD (227 - 250)
SL 1125	OD (252 - 275)
SL 1275	OD (298 - 342)

CLAMP - BOSS 2 CLAWS 4 BOLTS AND 2 BOLTS

Material : Galvanised Carbon Steel

SIZE (inch)
Ø ½”
Ø ¾”
Ø 1”
Ø 1¼”
Ø 1½”
Ø 2”
Ø 3”

Aluminium Safety Clamp

Material : Aluminum

1"	25 x 6
1.1/2"	38 x 6.5
2"	50 x 8
2"	50 x 10
2.1/2"	63 x 8
3"	75 x 10
4"	100 x 8
4"	100 x 10
6"	150 x 10

SUPERIOR CLAMP

TYPE:	SIZE mm/Units
Superior W1	17 - 19
	20 - 22
	23 - 25
	26 - 28
	29 - 31
	32 - 35
	36 - 39
	40 - 43
	44 - 47
	48 - 51
	52 - 55
	56 - 59
	60 - 63
	64 - 67
	68 - 72
	73 - 79
	80 - 85
	86 - 91
	92 - 97
	98 - 103
	104 - 112
	113 - 121
	122 - 130
	130 - 140
	140 - 148
	149 - 161
	162 - 174
	175 - 187
	201 - 213
	227 - 239
Superior W2	27 - 29
	121 - 130
Superior W4	47 - 51
	112 - 121
	121 - 130
	130 - 140

CLAMP SPIRAL

For use on convoluted cover hose. To determine which style clamp is needed for your hose look at the end of the hose, If the helix spirals are in a clockwise direction away from you(along the hose), a clockwise clamp is needed. If the helix spirals are in a counterclockwise direction away from you, a counterclockwise clamp is needed.
Material : Galvanised Carbon Steel

SIZE (inch)	
Ø 1½"	Ø 6"
Ø 2"	Ø 8"
Ø 2½"	Ø 10"
Ø 3"	Ø 12"
Ø 4"	
Ø 5"	

HOSE MENDER

Material : Galvanised Carbon Steel

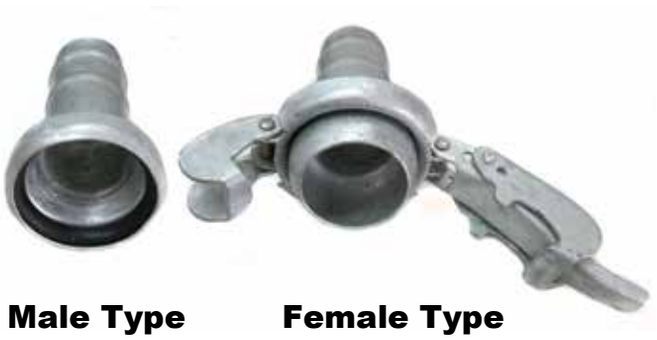
SIZE (inch)	
Ø ½"	Ø 2½"
Ø ¾"	Ø 3"
Ø 1"	Ø 4"
Ø 1¼"	Ø 6"
Ø 1½"	Ø 8"
Ø 2"	Ø 10"

COUPLING SANDBLAST

Size : 1.1/4"

Material : Nylon

BAUER MALE AND FEMALE LEVER TYPE



Male Type **Female Type**

SIZE (inch)	
MALE TYPE	**FEMALE TYPE**
Ø 2”	Ø 2”
Ø 3”	Ø 3”
Ø 4”	Ø 4”
Ø 6”	Ø 6”
Ø 8”	Ø 8”

Application : Irrigation suction and delivery hose connectors
Heavy duty mining suction and delivery slurry line connectors
Medium vacuum line connectors
Waste water suction and delivery line connectors
Features : Quick connect and disconnect
Hot dipped galvanised
Material : Galvanised Carbon Steel

KING COMBINATION NIPPLES

SIZE (inch)	
Ø ½”	Ø 3”
Ø ¾”	Ø 4”
Ø 1”	Ø 5”
Ø 1¼”	Ø 6”
Ø 1½”	Ø 8”
Ø 2”	Ø 10”

Combination nipples are recommended for low pressure discharge and suction service for compatible liquids.
Thread : NPT & BSPT
Material : Galvanised Carbon Steel

CHICAGO / UNIVERSAL CROWFOOT COUPLING - MALE ENDS

Thread Type : NPT
Material : Galvanised Carbon Steel

SIZE (inch)
Ø ½”
Ø ¾”
Ø 1”

CHICAGO / UNIVERSAL CROWFOOT COUPLING - FEMALE ENDS

Thread Type : NPT
Material : Galvanised Carbon Steel

SIZE (inch)
Ø ½”
Ø ¾”
Ø 1”

CHICAGO / UNIVERSAL CROWFOOT COUPLING - HOSE ENDS

Material : Galvanised Carbon Steel

SIZE (inch)
Ø ½”
Ø ¾”
Ø 1”

BOSS GROUND JOINT COMPLETE FEMALE SETS

Thread Type : NPT
Material : Galvanised Carbon Steel

SIZE (inch)		
Ø ½”	Ø 1 ¼”	Ø 2”
Ø ¾”	Ø 1 ½”	Ø 3”
Ø 1”		Ø 4”

BOSS MALE STEM

Thread Type : NPT
Material : Galvanised Carbon Steel

SIZE (inch)		
Ø ½”	Ø 1 ¼”	Ø 2”
Ø ¾”	Ø 1 ½”	Ø 3”
Ø 1”		Ø 4”

DRY BREAK COUPLINGS

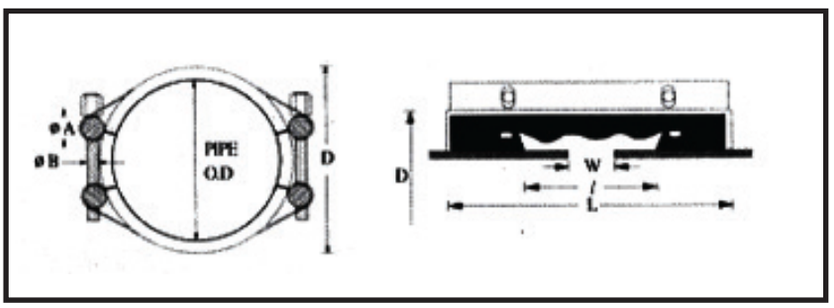
Dry break couplings are designed for quick and spill free connection and disconnection of hoses and pipelines.

Material : Aluminium
Thread BSP and NPT

SIZE
Ø 2”

JW COUPLING

PIPE JOINT COUPLING — DOUBLE CLAMP TYPE (MJDL)

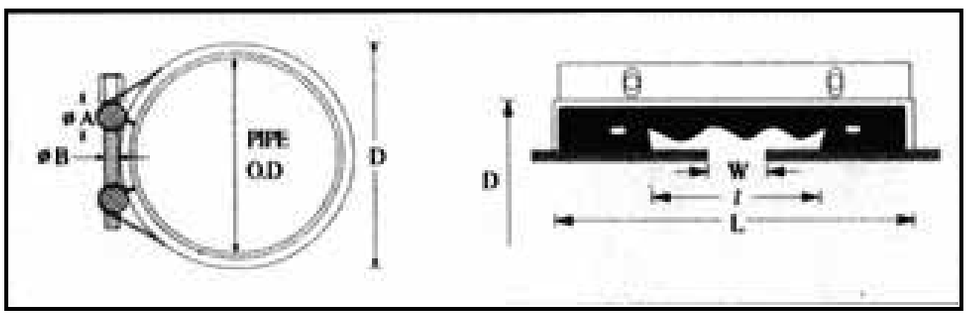


It is applied equally with MJD and the length of joint is 1.6-2 times and when it is used for the new setting up, it is applied to the case which the loose conditions or the elasticity scope is big, and in case it is used for the repairing, it can be applied to the case which the damage scope of pipe is wide

ND	INCH	PIPE		D (mm)	MJDL		MP (kgf/cm)	TORQUE (kg – cm)	Ø A (mm)	Ø B (mm)	W (mm)
		O.D (mm)	MIN-MAX (mm)		L (mm)	l (mm)					
15A	½	21.7	21.0-23.0	34.3							
20A	¾	27.2	26.0-28.5	39.8							
25A	1	34.0	33.0-35.5	46.6							
32A	1¼	42.7	42.0-44.5	55.3	100	70	64	70-100	10	M6	MJDL 0-16
40A	1½	48.6	48.0-50.5	61.2							
50A	2	60.5	59.0-62.0	75.5							
65A	2½	76.3	75.0-79.0	91.3	150	110		120-150	14	M8	
80A	3	89.1	88.0-92.0	108							
90A	3½	101.6	100.0-103.5	121	200	150	56	150-200	18	M12	
100A	4	114.3	113.0-118.0	133							
125A	5	139.8	138.0-142.5	160	201			250-300			
150A	6	165.2	163.0-168.5	185			48				
200A	8	216.3	214.0-219.0	240			32	450-550			
250A	10	267.4	262.0-270.0	292							
300A	12	318.5	316.0-323.0	343			28	750-850			
350A	14	355.6	352.0-360.0	380							
400A	16	406.4	402.0-410.0	431			24				
450A	18	457.2	453.0-462.0	481							
500A	20	508.0	504,0-513.0	532	250	185	20		MJDL 30	MJDL M16	MJDL 0-30
550A	22	558.8	554.0-564.0	583			19	900-1000			
600A	24	609.6	604.0-615.0	634			17				
700A	28	711.2	705.0-717.0	735			15				
~	~	~	~	~							
2000A	80	2.032.0	2.026.0-2038.0	2.056			2	1000-			

JW COUPLING

PIPE JOINT COUPLING — FLEXIBLE TYPE (MJS / MJSF)



The inner part of joint consists of the rubber sleeve and thus can absorb the impact, vibration, bending (2 – 4°), noise (about 60% compared with the welding) and elasticity.

- For the new setting-up, the pipe is fixed and then is used.
- MJSF : MANUFACTURE BY ORDER

ND	INCH	PIPE		D (mm)		MJS (MJSF)		WP(MP) (kgf / cm)		TORQUE (kg - cm)		ØA (mm)		ØB (mm)		W (mm)
		O.D (mm)	MIN-MAX (mm)	MJS MJL	MJSF MJSFL	L (mm)	l (mm)	MJS	MJSF	MJS	MJSF	MJS	MJSF	MJS	MJSF	
15A	½	21.7	21.0-22.0	31.7	32.1	60	28 (28)	16 (64)	16 (64)	70-100	~	10	14	M6	M8	0-8
20A	¾	27.2	26.0-28.0	39.8	40.2	60 (60)					70-100					MJS MJSF 0-8
25A	1	34.0	33.0-35.0	46.6	47											
32A	1¼	42.7	42.0-44.0	55.3	55.7											
40A	1½	48.6	47.5-49.5	61.2	61.6											
50A	2	60.5	59.0-61.0	75.5	75.5	80 (80)	44 (44)			120-150	120-150	14		M8		
65A	2½	76.3	75.0-78.0	91.3	96.3	80 (111)	44 (59)	14 (56)			150-200	18	18	M12	M12	MJS MJSF 0-15
80A	3	89.1	88.0-91.0	108	109	110 (111)	59 (59)			150-200						
90A	3½	101.6	100.0-103.0	121	122											
100A	4	114.3	113.0-116.0	133	134											
125A	5	139.8	138.0-142.0	160	161	111 (112)				250-300	250-300					
150A	6	165.2	164.0-167.0	185	186			12 (48)								
200A	8	216.3	214.0-218.5	240	242	150 (152)	89 (89)	8 (32)	12 (50)	350-400	350. 400	MJS 22 MJL 30	MJS 22 MJL 30	MJS M14 MJL 30	MJS M14	
250A	10	267.4	262.0-268.0	292	294				10 (40)							
300A	12	318.5	316.0-323.0	343	345			7 (28)	8 (32)							
350A	14	355.6	352.0-359.5	380	382				~	750-850	~					
400A	16	406.4	402.0-410.0	431	433			6 (24)		900-1000						
450A	18	457.2	453.0-461.0	481	483			5.0 (20)								
500A	20	508.0	504,0-512.0	532	534			4.6 (19)								
550A	22	558.8	555.0-563.0	583	585			4.2 (17)								
600A	24	609.6	605.0-614.0	634	636			3.7 (15)								
700A	28	711.2	706.0-716.0	735	737											
~	~	~	~	~	~											
2000A	80	2.032.0	2.027.0-2.037.0	2.056	2.058			1.4 (56)								

Size range, TODO-GAS®

1” TODO-GAS®
(DN19 – DN32, Ø 56 mm)

TODO-GAS® couplings are used in a variety of LPG applications from heavy duty Autogas vehicle refuelling to advanced vapour recovery systems. Easy to connect and disconnect, the TODO-GAS® 1” coupling offers single handed operation and ultra low release on disconnection. These features make TODO-GAS® couplings ideal for unsupervised fuelling of vehicles, in fact, with a release of 0.15 cc per disconnection, fuelling indoors is possible.
The 1” TODO-GAS® coupling can easily handle flows up to 200 litres / minute (52 USG / min) with minimal pressure drop.

2” TODO-GAS®
(DN40 – DN50, Ø 71 mm)

TODO-GAS® 2” couplings are designed primarily for loading and discharge of bobtails or intermediate bulk delivery trucks. Rugged construction plus the same safety features as the rest of the TODO coupling family equip TODO-GAS® couplings for frequent use. With one or two handle options and an integral swivel, TODO-GAS® 2” couplings can cope with almost any loading equipment configuration.

3” TODO-GAS®
(DN 80, Ø 119 mm)

For larger of high flow rate applications, TODO-GAS® 3” couplings have no equal. Typically used for rail tank loading and discharge (2” in USA), TODO-GAS® 3” couplings can easily handle flows up to 2500 litres / minute (658 USG / min).
Two handle operation plus a robust integral swivel make sure the couplings are able to take the strains of terminal life.

Size range, TODO-MATIC® Dry-Break®

1” TODO-MATIC® Dry-Break® (DN19 – DN 32, Ø 56 mm)

TODO-MATIC® Dry-Break® couplings in 1” size are designed for smaller bore applications where compact dimensions are required. One handed operation, high flow rate and minimal release on disconnection make TODO-MATIC® perfect for transferring high value or sensitive medias with confidence. The addition of selectivity to prevent product cross contamination expands the operational possibilities in manifold exchange applications.

2” TODO-MATIC® Dry-Break® (DN 40 – DN50, Ø70 mm)

Our 2” coupling size probably covers the most diverse selection of applications in the TODO-MATIC® family. Available in a range of material and connection configurations, TODO-MATIC® 2” is designed for rapid and safe transfers. Offshore chemical dosing, Pharmaceutical feedstock and aggressive chemical vapour transfer are just some of the challenging applications TODO-MATIC® couplings see on a daily basis.

2½” TODO-MATIC® Dry-Break® (DN65 – DN 80, Ø 105 mm)

The 2½” TODO-MATIC® coupling is generally used in road tanker and aviation applications transferring a variety of liquids and vapours. Just like all TODO-MATIC® couplings, the 2½” is available in a full range of materials to offer compatibility with most applications. A strong integral swivel, ergonomic design and rugged construction ensure TODO-MATIC® couplings are equipped for the real world.

Size range, TODO-MATIC® Dry-Break®

3” TODO-MATIC® Dry-Break® (DN80, Ø119 mm)

3” coupling, similar in size to the 2 ½” but with greater flow. Typically used for road and rail tank loading / discharge, in plant chemical transfers etc. Tough construction, ease of handling, no spillage and high flow made this coupling from the natural choice for N.A.T.O refuelling standardisation.

4” TODO-MATIC® Dry-Break® (DN 100, Ø 164 mm)

Compact, light, weight, high flow 4” self sealing coupling system available. Used extensively for offshore ship to rig transfers of fuels and drinking water, aviation fuel bunkering, rail tank loading / discharge, chemicals etc. Rapid, positive connection and disconnection make TODO-MATIC® the standard for barge to ferry refuelling and multiple rail tank discharge.

6” TODO-MATIC® Dry-Break® (DN150, Ø 238 mm)

The same features and method of operation as the rest of range make 6” TODO-MATIC® the ideal ship / barge to shore connection. Much faster and safer than any flange coupling means not only environmental standards compliance but real turn around time savings. Full marine construction with rotating lifting loop as standard. As with all TODO-MATIC® couplings, the 6” is equally suitable for flexible hose or loading arm applications.

FERRULE AND FITTING HYDRAULIC

FERRULE HYDRAULIC

Type : Ferrule for SAE 100 R1 AT/EN853 1SN Hose
Ferrule for SAE 100 R2 AT/EN853 2SN Hose
Ferrule for 4SP, 4SH Hose
Ferrule interlock for R13 Hose
Size : 1/4" to 2"
Materials : Carbon Steel

FITTING HYDRAULIC

Size : 1/4" to 2"
Materials : Carbon Steel
Type : Please call