

Industrial & Hydraulic Hoses

Global Transmission



YOU
ARE THE CREATOR OF YOUR OWN DESTINY

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WE OFFER SEVERAL OTHER HOSES FOR SPECIAL APPLICATION

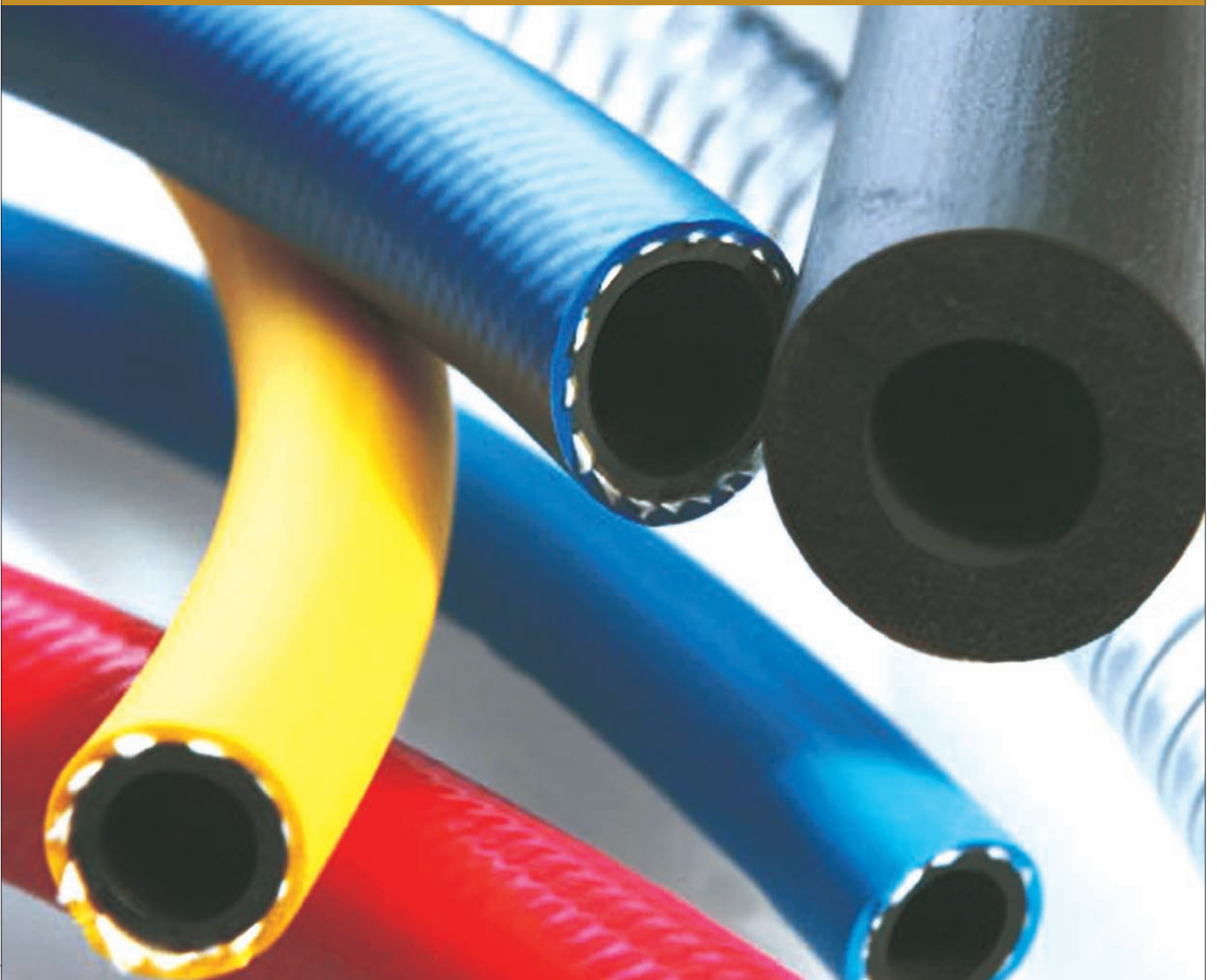


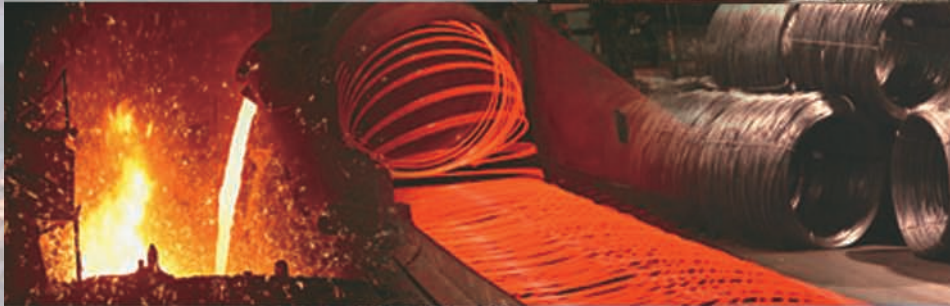
HIGH PRESSURE HYDRAULIC
CARBON FREE
Teflon hoses
METALIC FLEXIBLE
Pneumatic
nonconductive hyd
SUCTION AND DISCHARGE
Vacuum
sandblasting hoses
purging hoses
AIR WAGER HOSES
TANKER HOSES
Steam
fuel hoses
Chemical hoses
ducting

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Size : 303x209 mm or 12" x 8.25" inch

ASSURING SUPERIOR QUALITY
LONG LASTING PERFORMANCE
AND COMPLETE VALUE
FOR MONEY.....







HOSES FOR STEEL PLANTS



NON-CONDUCTIVE HIGH-PRESSURE HYDRAULIC HOSE

High-pressure thermoplastic hose for hydraulic equipment in steel plants.

Non-conductive hoses offered by us are constructed from unplasticized polyester elastomer reinforced with polyester fiber, polyester elastomer reinforced with high-strength polyaramid fiber, nylon core or orange polyurethane covers.

We offer non-conductive hoses in sizes starting at 3/16", and including 1/4", 3/8", 1/2", 3/4" and 1". They can withstand pressures ranging from 1,750 to 5,000 PSI.

ASBESTOS COVERED FURNACE COOLENT HEAT RESISTANT NON CONDUCTIVE CARBON FREE HOSE

Especially designed for service in iron and steel Mills, Glass works, electrical furnaces and out fields where the hose is required to resistant to heat, radiation, open flame and splashes of hot metal.

HEAT RESISTANT CARBON FREE HOSE

Non-conductive (electrical) hose used as an outer protective covering for power cables in steel mills, glass works etc. To avoid damage to cable, leakage of current due to exposure to open flame splashes of hot metal or radiation.

CABLE COOLANT HOSE PLAIN OR ASBESTOS COVER

Used for conveying power cable with a mix of oil as an additional protection from exposure to extremely high temperature radiation from steel furnace open flame etc.

CONSTRUCTION

White smooth non-conductive rubber compound heat & electrical resistant.

REINFORCEMENTS

Rubberised woven textile fabric nature or synthetic.

COVER

Heat or electrical resistant rubber compound asbestos cover non-conductive (electrical) rubber with asbestos cloth.

TEMPERATURE RANGE

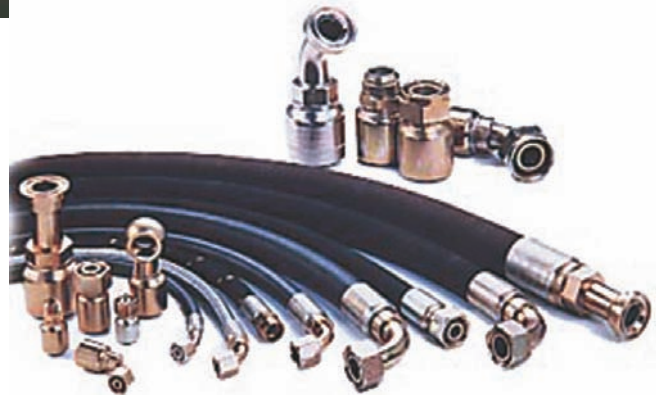
-40°F to +300°F

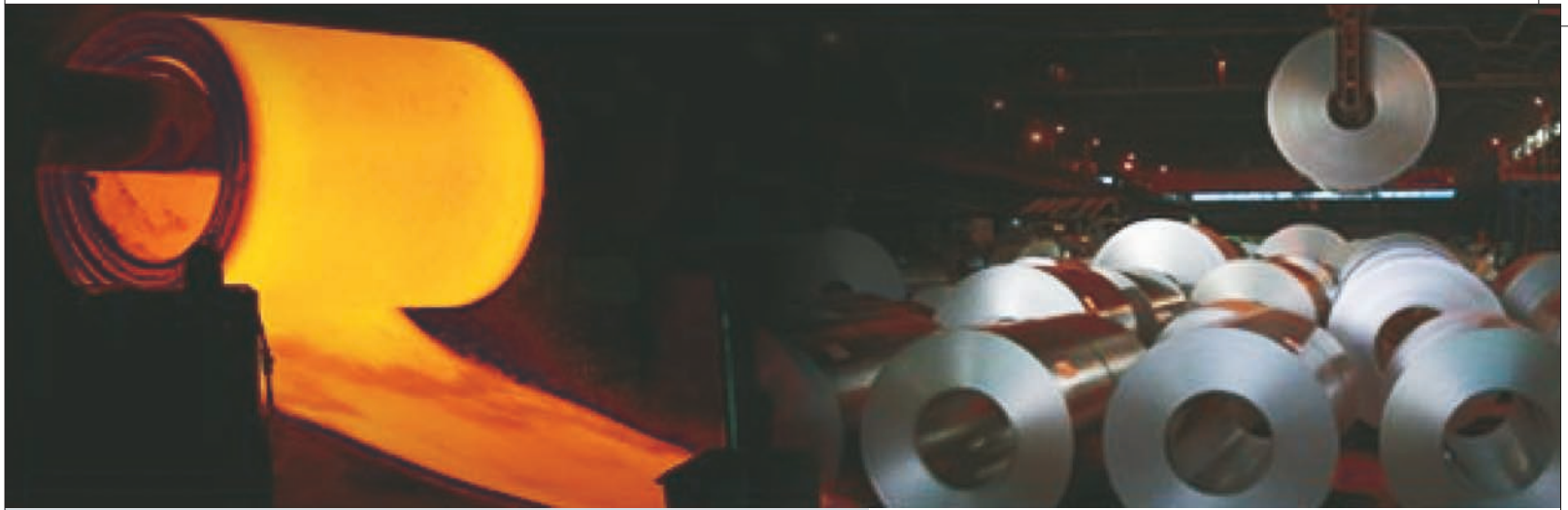
WORKING PRESSURE

17 Kg/cm.sq.

LENGTH

Upto 15 meters





PNEUMATIC TOOL HOSE (EXCEEDS IS-446, TYPE-2 PLUS)

Application :

For general construction work, road building, tunneling & mining, compressed Air Application. For pneumatic tools in industries. For Tyre inflation in service stations.

Construction :

Special Natural & Synthetic rubber blended tube. Textile reinforcement: High Tenacity Synthetic yarn. Abrasion, weather and heat resistant cover with good ageing properties.
Temp. Range: -40°C to +80°C

WELDING HOSE

Application :

For all types of Welding and Welding equipments. Suitable for Gas Welding/Cutting work in fabrication.

Construction :

Natural & Synthetic rubber blend-black tube. Textile reinforcement: High Tenacity Polyester yarn. Available in Red & Blue Coloured cover with good abrasion resistance & ageing properties.

Temp. Range: -40°C to +80°C

SAND BLAST HOSE

Application :

Used for discharge of bulk abrasive material at high velocity and sandblasting application.

Construction :

Natural & Synthetic rubber blended for good abrasion resistant properties.

Textile reinforcement and antistatic copper wire embedded between layers. Abrasion, weather, heat and weather resistant cover.

Temp. Range : -40°C to +70°C

ROCK DRILL HOSE

Application :

Recommended for all Pneumatic application for Rock Drilling in the most severe condition in open cast mines & quarries.

Construction :

Natural and synthetic rubber blended tube Textile reinforcement: Synthetic Yarn with high retentivity.

Abrasion, weather and heat resistant cover with excellent ageing properties.

Temp. Range : -40°C to +80°C





CAR WASHING HOSE

Application :

For washing of motor vehicles at service stations and other pressurized water applications.

Construction :

Special Natural & Synthetic rubber blended tube. Textile reinforcement: High Tenacity Synthetic yarn Oil resistant with good abrasion & weather resistant cover. Temp. Range: -40°C to +80°C

ELECTRICALLY BONDED ROAD AND RAIL TANKER HOSE

Application

This hose is primarily intended for loading and unloading of road and rail tanker vehicles, carrying petroleum products.

Constructions - lining

Smooth lining of suitable rubber compounds; highly resistant to petroleum products.

Reinforcement

Plies of woven textile coated with rubber on both sides with a suitable rubber compound and helical GI wire embedded between the fabric plies.

Cover

Smooth or corrugated high grade rubber compound for excellent resistant to weather, abrasion and petroleum products.

Electrical bonding

A Copper wire comprising the nos. of strands is incorporated between the reinforcement plies to provide electrical continuity throughout the hose.

End connection

Soft ends for clamping or can be supplied with built in nipples/flanges on request.

AIR DUCTING HOSE :

Application :

This hose is extensively used for passing of air in Engineering workshops, Cement, Fertilizer, Chemical, Chilling Plants and Construction Sites.

Constructions - Lining :

Natural/Synthetic/Blended rubber compound.

Reinforcement :

Plies of natural/synthetic woven textile or a combination of these two, with helical steel wire.

Cover :

Corrugated, cloth marked finish, having Natural/Synthetic/Blend rubber compound, resistant to abrasion, weather, oil and ozone. W.P. : Working Pressure, P.P. : Proof Pressure, B.P. : Burst Pressure, 1 MPa : 10.2 Kg/cm² 1Kgf/ cm²: 100 kN/m², Length : Mandrel made hose upto 7mtr. Moulded braided hoses in continuous long length.



FOODSTUFFS DELIVERY HOSE

HOSE SAND BLASTING HOSE

AIR WATER SUCTION & DISCHARGE HOSE (LIGHT DUTY) IS : 2482 / 90

Application :

For suction and delivery of water free from solids and muddy water, in agriculture, domestic works, dam projects and de-watering of general purpose.

Constructions :

TYPE-1

- a) A rubber inner lining of natural/synthetic/blend rubber compound, free from porosity, air blisters, or any other visible defects.
- b) A reinforcement of one or more layers of natural/synthetic fibre or combination there of; applied by a suitable technique.
- c) Spiral wire (Galvanized Steel Wire).
- d) Abrasion resistant, outer rubber cover corrugated or smooth.

TYPE-2

- a) Semi-embedded internal wire.
- b) A rubber inner lining.
- c) A reinforcement of one or more layers of natural or synthetic fibre or combination thereof, applied by a suitable technique.
- d) Abrasion resistant outer rubber cover-corrugated or smooth.
- e) An external wire armouring applied in the Corrugation.

End connection :

Each hose length has soft ends for clamping or can be supplied with built in nipple and flanges on request.

PETROL HOSE

Application :

For use in dispensing pumps for petrol and diesel fuels.

Construction :

Synthetic Nitrile rubber blended tube. Soft wall : Textile braided reinforcement. Hard Wall : Wire braided reinforcement. Abrasion and weather resistant cover with good ageing properties.

Temp. Range: -40°C to +50°C

CHEMICAL HOSE

Application :

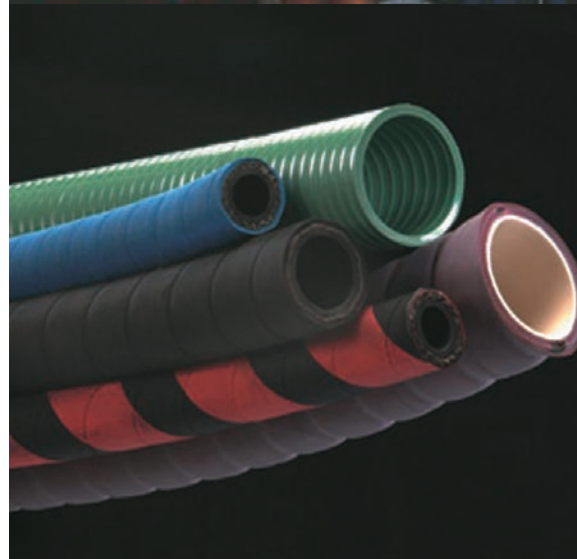
For conveying alum liquor, caustic soda, lime solution, methyl alcohol, ethyl alcohol, butyl alcohol, zinc chloride, isobutanol, hydrochloric acid, dimethyl sulphate, dilute sulphuric acid, carbon disulphate and other chemicals in fertilizer and process industries.

Construction :

Modified Synthetic rubber tube.

Textile reinforcement: Synthetic yarn with high retentivity. Abrasion, heat, acid, base, chemical and weather resistant special synthetic rubber cover with good ageing properties.

Temp. Range : -40°C to +100°C





HEAVY DUTY AIR/WATER HOSE

Application :

A new generation hose for general construction work, engineering industries, garages, shipyards, workshops, foundries, steel mills, irrigation projects and a wide range of applications for both air and water.

Construction :

Natural & Synthetic Rubber Blend. Textile reinforcement: High Tenacity Synthetic yarn. Abrasion and weather resistant cover with good ageing properties. Temp. Range: -40°C to +80°C



VACUUM HOSE

Application :

Widely used in Vacuum function in various industries, equipment etc.

Construction :

It is a seamless tube of natural/Synthetic/Blend rubber compound.



FOOD QUALITY PVC SUCTION HOSE

- * Fat foodstuffs, milk, oils and their by-products, animal and vegetable fat delivery hose. It is a complete non-toxic hose and leaves taste and smell of products unchanged.
- * Foodstuffs suction and delivery hose for cereals, corns, foodstuffs, vegetal, animal and synthetic products.
- * Anticryptogamic, herbicidal and antiparasitic products. Used in industrial atomizers.



SUPER SPRAY HOSE

Application :

For High pressure spraying of water based chemicals, insecticides, fungicides, herbicides etc., by manual or power-driven pumps in agriculture, horticulture, plantations and forestry.

Construction :

Special Synthetic PVC-Nitrile tube. Textile reinforcement : Synthetic Yarn with high retentivity. Abrasion, weather, heat and oil resistant nitrile cover with excellent ageing properties. Temp. Range : -40°C to +80°C



ON-SHORE OIL SUCTION & DISCHARGE RUBBER HOSE

Application :

For dock and offshore operation of petroleum products containing not more than 25% aromatic hydrocarbon content.

Constructions-lining

Smooth lining of suitable rubber compounds; uniform in thickness; free from air blisters & porosity; resistant to all grade of petroleum & blended products having an aromatic hydro-carbon content not more than 25%.



CLEAR REINFORCED PVC HOSE

Glass clear, full flexible food quality pvc reinforced with nylon fibre for deliver of air, water, foodstuffs under pressure, agriculture spray, and compressed air service in mining, construction, engineering, shipbuilding, steel production and general industry etc.

Working pressure : -18 kg/cm²

Temp : 40°C

Construction (Tube) :

Special compounded PVC tube.

Reinforcement :

Nylon fiber single braided.

INDUSTRIAL HYDRAULIC HOSES

A hydraulic hose consists of an inner tube through which the fluid is conveyed and comes into direct contact with the hydraulic fluid. The rubber or other synthetic material used for this needs to be compatible and able to withstand the range of working temperature without losing its chemical and physical stability.

The hydraulic hoses can be made using a variety of materials, depending on the factors of oil compatibility, abrasion resistance etc.

Applications :

High pressure hydro-static transmissions, earth moving machinery, hydraulic power circuits, fork-lift trucks, mining machinery, high pressure water jetting and blasting, textile and printing machinery, naval, aviation, military, hydraulic hammers, powered steering, fuel lines, oil cooling, air conditioning, brakes etc.

Hose assembly & end-fitting :

We carries a complete line of SAE hydraulic flange fittings that provide leak-free connections for hydraulic hose, pipe & tube assemblies.

The Procrimp 1380 crimp machine all your hose needs up to and including -20 SAE100R12 hose styles and is electronically controlled to give fast, accurate crimps the first time and every time you need a hose assembly.





SUPER HIGH PRESSURE WIRE SPIRAL HOSE : DIN 20023 4SH

Application :

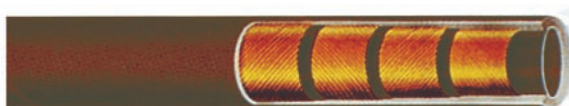
Extra high pressure hydraulics.

Construction Tube :

Oil resistant synthetic rubber.

Reinforcement Cover :

4 high tensile steel wire spirals Synthetic rubber - abrasion, ozone and weather resistant.
Temp. Range : -40°C to +100°C continuous +125°C intermittent.
Impulse Cycle : Minimum 400,000.



Hose Size		Working Pressure		Burst Pressure		Bend Radius		
I.D.		O.D.						
inch	mm	mm	psi	bar	psi	bar	inch	mm
3/4	19.0	32.0	6100	420	24360	1680	11.0	280
1	25.4	38.5	5516	380	22040	1520	13.3	340
1 1/4	31.8	45.3	4720	325	18850	1300	18.1	460
1 1/2	38.1	53.3	4210	290	16820	1160	22.0	560
2	50.8	67.9	3625	250	14500	1000	27.5	700

HIGH PRESSURE WIRE SPIRAL HOSE SAE 100 R9

Application :

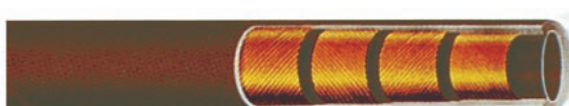
High pressure hydraulics.

Construction Tube :

Oil resistant synthetic rubber.

Reinforcement Cover :

4 high tensile steel wire spirals Synthetic rubber - abrasion, ozone and weather resistant.
Temp. Range : -40°C to +100°C continuous + 121 °C intermittent.
Impulse Cycles : Minimum 300,000, 200,000 for 3/8" and 1/2".



Hose Size		Working Pressure		Burst Pressure		Bend Radius		
I.D.		O.D.						
inch	mm	mm	psi	bar	psi	bar	inch	mm
3/8	9.5	19.8	4500	310	18000	1240	5.0	127
1/2	12.7	23.2	4000	276	16000	1100	7.0	178
3/4	19.0	30.4	3000	207	12000	825	9.5	241
1	25.4	38.8	3000	207	12000	825	12.0	305
1 1/4	31.8	48.5	2500	172	10000	680	16.5	419
1 1/2	38.1	57.0	2000	138	8000	550	20.0	508
2	50.8	71.2	2000	138	8000	550	26.0	660

SUPER HIGH PRESSURE WIRE SPIRAL HOSE : DIN 20023 4SP

Application :

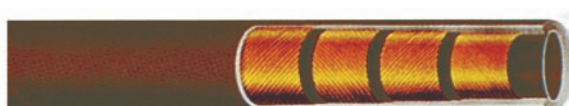
Very high pressure hydraulics

Construction Tube :

Oil resistant synthetic rubber

Reinforcement Cover :

4 high tensile steel wire spirals Synthetic rubber - abrasion, ozone and weather resistant.
Temp. Range : -40°C to +100°C continuous +125°C intermittent.
Impulse Cycles : Minimum 400,000.



Hose Size		Working Pressure		Testing Pressure		Minimum Burst Pressure		Minimum Bend Radius
I.D.		O.D.						
in	mm	mm	psi	bar	psi	bar	psi	bar
1/4	6.3	17.8	6525	450	13050	900	26100	1800
3/8	9.5	21.4	6450	445	13900	890	25300	1780
1/2	12.7	24.6	6020	415	12040	830	24074	1660
5/8	16.0	28.5	5075	350	10150	700	20300	1400
3/4	19.0	32.0	5075	350	10150	700	20300	1400
1	25.4	39.7	4060	280	8120	560	16240	1120
1.1/4	32.0	50.8	3045	210	6090	420	12180	840
1.1/2	38.0	57.0	2680	185	5360	370	10730	740
2	50.8	70.6	2500	172	5000	344	10000	689



2 WIRE BRAIDED HYDRAULIC HOSE SAE 100 R2

Application :

High pressure hydraulic oils, air and water.

Construction Tube :

Synthetic oil resistant rubber.

Reinforcement :

2 high tensile steel wire braid.

Cover :

Synthetic rubber - abrasion, ozone and weather resistant.

Temp. Range : -40°C to +120°C

Impulse Cycles : 200,000.



Hose Size			Working Pressure		Testing Pressure		Burst Pressure		Bend Radius
I.D.	O.D.								
in	mm	mm	psi	bar	psi	bar	psi	bar	mm
3/16	4.8	16.0	5000	350	10000	700	20000	1405	89
1/4	6.4	17.5	5000	350	10000	700	20000	1405	102
5/16	7.9	19.1	4250	300	8500	600	17000	1195	114
3/8	9.5	21.4	4000	280	8000	560	16000	1125	127
1/2	12.7	24.5	3500	245	7000	490	14000	985	178
5/8	15.7	27.7	2750	195	5500	385	11000	775	203
3/4	19.1	31.7	2250	160	4500	315	9000	630	241
7/8	22.2	34.5	2000	140	4000	280	8000	560	279
1	25.4	39.7	2000	140	4000	280	8000	560	305
1.1/4	31.8	50.8	1625	115	3250	230	6500	455	419
1.1/2	38.1	57.2	1250	90	2500	175	5000	350	508
2	50.8	69.8	1125	79	2250	158	4500	315	635
*2.1/2	63.5	82.5	1000	70	2000	140	4000	280	762
*3	76.2	96.0	650	46	1300	92	2600	184	915
*3.1/2	90.0	107.5	400	28	800	56	1600	112	1067
*4	101.6	118.5	365	26	730	52	1460	106	1105

1 WIRE BRAIDED HYDRAULIC HOSE SAE 100 R1

Application :

High pressure hydraulic oils, air and water.

Construction Tube :

Synthetic oil resistant rubber.

Reinforcement :

1 high tensile steel wire braid

Cover :

Synthetic rubber - abrasion, ozone and weather resistant.

Temp. Range : -40°C to +120°C

Impulse Cycles : 150,000.



Hose Size			Working Pressure		Burst Pressure		Bend Radius		
DN	I.D.		O.D.						
	inch	mm	mm	psi	bar	psi	bar	inch	mm
6	1/4	6.4	13.4	3265	225	13060	900	3.9	100
8	5/16	7.9	15.0	3120	215	12480	850	4.5	105
10	3/8	9.5	17.4	2610	180	10440	720	5.1	130
12	1/2	12.7	20.3	2320	160	9280	640	7.1	180
16	5/8	15.9	23.7	1890	130	7560	520	7.9	200
19	3/4	19.0	27.7	1525	105	6100	420	9.5	240
25	1	25.4	35.6	1275	88	5100	352	11.8	300
32	1 1/4	31.8	43.0	915	63	3660	252	16.5	420
38	1 1/2	38.1	50.4	725	50	2900	200	19.7	500
51	2	50.8	63.5	580	40	2320	160	24.8	630
*60	2 3/8	60.3	75.0	362	25	1450	100	30.0	762
*64	2 1/2	63.5	79.5	362	25	1450	100	30.0	762
*76	3	76.2	94.4	290	20	1160	80	36.0	915
*90	3 1/2	90.0	105.5	220	15	880	60	42.0	1067
*100	4	101.6	117.0	145	10	580	40	43.5	1105

1 WIRE BRAIDED COTTON COVERED HYDRAULIC HOSE : SAE 100 R5/R5R



Application :

High pressure hydraulic oils, air and water.

Construction Tube :

Synthetic oil resistant rubber.

Reinforcement :

1 textile braid and 1 high tensile steel wire braid.

Cover :

R5C : Oil*and mildew resistant rubber impregnated cotton cover.

R5R : Synthetic rubber - abrasion, ozone and weather resistant.

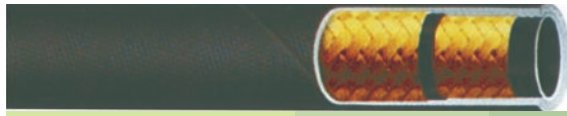
Temp. Range : -40°C to +120°C

Impulse Cycles : Upto 7/8 inch - 150,000

1 1/8 inch and above - 100,000

Hose Size			Working Pressure		Burst Pressure		Bend Radius		
DN	I.D.	O.D.	psi	bar	psi	bar	inch	mm	
	inch	mm							
6	1/4	6.4	14.4	3000	207	12000	828	3.4	86
8	5/16	7.9	17.2	2250	155	9000	621	4.0	102
10	13/32	10.3	19.5	2000	138	8000	552	4.6	117
12	1/2	12.7	23.4	1750	121	7000	483	5.5	140
16	5/8	15.9	27.4	1500	103	6000	414	6.5	165
22	7/8	22.2	31.4	800	55	3200	221	7.4	187
29	1 1/8	28.7	38.1	625	43	2500	172	9.0	229
35	1 3/8	34.9	44.5	500	34	2000	138	10.5	267
46	1 13/16	46.0	57.1	350	24	1400	97	13.2	337
60	2 3/8	60.3	73.0	350	24	1400	97	21.0	610

2 RAYON BRAIDED MEDIUM PRESSURE HYDRAULIC HOSE : SAE 100 R3



Application :

Medium pressure hydraulic oils, air and water.

Construction Tube :

Synthetic oil resistant rubber.

Reinforcement :

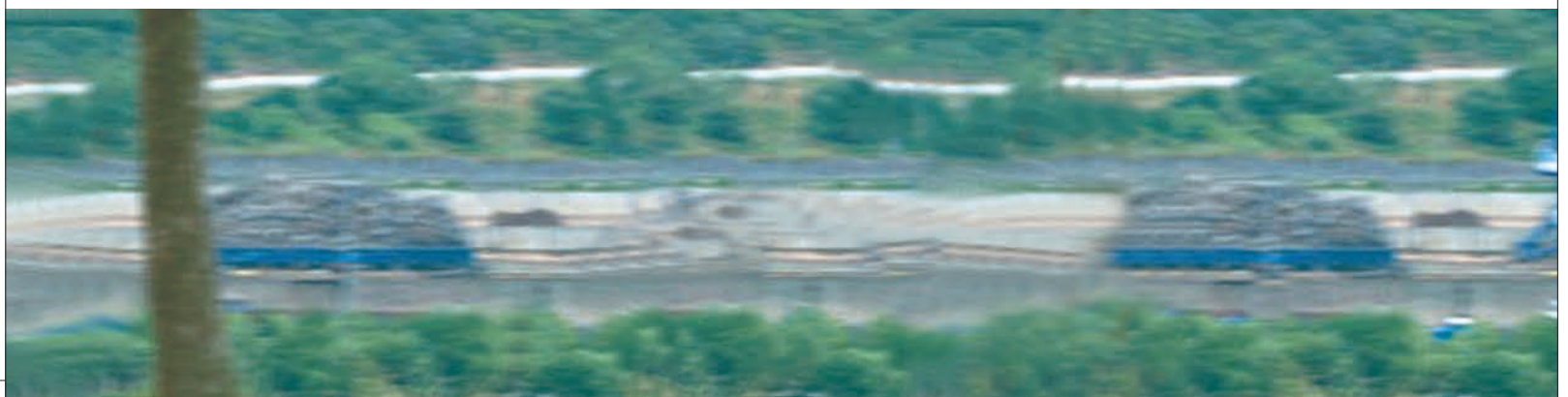
2 Synthetics textile braids.

Cover :

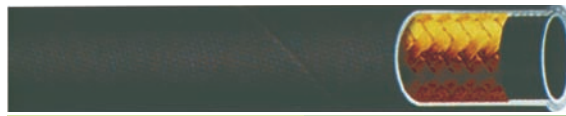
Synthetic rubber - abrasion, ozone and weather resistant.

Temp. Range : -40°C to +100°C.

Hose Size			Working Pressure		Burst Pressure		Bend Radius		
	I.D.	O.D.	psi	bar	psi	bar	inch	mm	
	inch	mm							
	1/4	6.4	14.3	1250	86	5000	345	3.0	76
	5/16	7.9	17.5	1200	83	4800	331	4.0	102
	3/8	9.5	19.0	1125	78	4500	310	4.0	102
	1/2	12.7	23.8	1000	69	4000	276	5.0	127
	5/8	15.9	27.0	875	60	3500	241	5.5	140
	3/4	19.0	31.8	750	52	3000	207	6.0	152
	1	25.4	38.1	565	39	2250	155	8.0	203
	1 1/4	31.8	44.5	375	26	1500	103	10.0	254
	1 1/2	38.1	50.8	250	17	1000	69	12.0	306
	2	50.8	64.0	215	15	860	60	16.1	410



1 RAYON BRAIDED LOW PRESSURE HYDRAULIC HOSE : SAE 100 R6



Application :

Low pressure hydraulic oils, air and water.

Construction Tube :

Synthetic oil resistant rubber.

Reinforcement :

1 Synthetic textile braid.

Cover :

Synthetic rubber - abrasion, ozone and weather resistant.

Temp. Range : -40°C to +100°C.

Hose Size			Working Pressure		Burst Pressure		Bend Radius	
inch	I.D.		psi	bar	psi	bar	psi	bar
	mm	O.D. mm						
1/4	6.4	12.7	400	28	1600	110	2.5	64
5/16	7.9	14.3	400	28	1600	110	3.0	76
3/8	9.5	15.9	400	28	1600	110	3.0	76
1/2	12.7	19.8	400	28	1600	110	4.0	102
5/8	15.9	23.0	350	24	1400	97	5.0	127
3/4	19.0	26.0	300	21	1200	83	6.0	152
1	25.4	32.5	190	13	760	52	9.1	230

SUPERJACK 10000 PSI WORKING PRESSURE



Application :

Hydraulic jack application used in jacking systems.

Construction Tube :

Synthetic oil resistant rubber.

Reinforcement :

2 high tensile steel wire braids.

Cover :

Synthetic rubber - abrasion, ozone and weather resistant.

Temp. Range : -40°C to +100°C.

Hose Size				Working Pressure		Burst Pressure		Bend Radius		
DN	I.D.		R.O.D. mm	O.D. mm	psi	bar	psi	bar	inch mm	
	in	mm							inch	mm
6	1/4	6.4	12.7	14.8	10000	690	20000	1380	4.0	102
10	3/8	9.5	16.7	18.8	10000	690	20000	1380	5.0	127

EXCEEDS IS 446:1980 TYPE 3 (High pressure rock drill and pneumatic)



Application :

High pressure rock drill and pneumatic service in drilling, quarries, construction and general industry.

Construction Tube :

Heat and oil mist resistant rubber.

Reinforcement :

1 high tensile steel wire braid.

Cover :

Tough abrasion resistant yellow rubber.

Temp. Range : -35°C to +100°C.

Hose Size				Working Pressure		Burst Pressure		Bend Radius		
DN	I.D.		R.O.D. mm	O.D. mm	psi	bar	psi	bar	inch mm	
	in	mm							inch	mm
19	3/4	19.0	25.4	30.2	500	35	2400	165	9.49	241
25	1	25.4	33.3	38.1	500	35	2400	165	12.0	305
32	1 1/4	31.8	40.9	43.9	500	35	2400	165	16	419
38	1 1/2	38.1	46.8	52.4	500	35	2000	140	20	508
51	2	50.8	60.2	66.7	500	35	1500	105	25	635



HYDRAULIC HIGH PRESSURE STEAM HOSES SPIRAL

LPG HOSE

Application :

Transfer of LPG in liquid or vapour form which is unvented between operations (permanently filled with liquid or vapour) including automotive.

Construction Tube :

Black smooth Nitrile rubber resistant to LPG.

Reinforcement :

1 high tensile steel wire braid.

Cover :

Black synthetic rubber resistant to abrasion, weather and fire (pin-pricked).

Temp. Range : -20°C to +45°C



Hose Size			Working Pressure		Burst Pressure		Bend Radius		
DN	I.D.		psi	bar	psi	bar	inch mm		
	inch	mm					mm	inch	mm
10	3/8	9.5	19.6	362	25	1450	100	4.72	120
12	1/2	12.7	22.8	362	25	1450	100	5.90	150
16	5/8	15.9	26.0	362	25	1450	100	7.08	185
19	3/4	19.0	30.1	362	25	1450	100	8.86	225
25	1	25.4	37.9	362	25	1450	100	11.80	300
32	1 1/4	31.8	46.0	362	25	1450	100	14.95	380
38	1 1/2	38.1	52.4	362	25	1450	100	17.70	450
51	2	50.8	66.7	362	25	1450	100	23.60	600

1 WIRE BRAIDED : STEAM HOSE AS PER IS 10655 OF 1983 - TYPE 3/BS-5342

Application :

Steam at high temperature.

Construction Tube :

Steam and heat resistant EPDM rubber.

Reinforcement :

1 high tensile steel wire braid.

Cover :

Synthetic rubber - heat, abrasion, ozone and weather resistant.

Temp. Range : Upto 184°C



Hose Size			Working Pressure		Burst Pressure		Bend Radius		
DN	I.D.		psi	bar	psi	bar	inch mm		
	inch	mm					mm	inch	mm
10	3/8	9.5	20.0	150	10	1500	100	5.0	127
12	1/2	12.7	24.7	150	10	1500	100	7.0	178
16	5/8	15.9	27.9	150	10	1500	100	8.0	200
19	3/4	19.0	31.4	150	10	1500	100	9.5	240
25	1	25.4	38.0	150	10	1500	100	12.0	300
32	1 1/4	31.8	47.2	150	10	1500	100	16.5	400
38	1 1/2	38.1	53.5	150	10	1500	100	20.0	500
51	2	50.8	66.8	150	10	1500	100	25.0	635



2 WIRE BRAIDED : STEAM HOSE AS PER IS 10655 OF 1983 - TYPE 4/BS-5342 TYPE II

Application :

Steam at very high temperature.

Construction Tube :

Steam and heat resistant EPDM rubber.

Reinforcement :

2 high tensile steel wire braids.

Cover :

Synthetic rubber - heat, abrasion, ozone and weather resistant.

Temp. Range : Upto 205°C



Hose Size			Working Pressure		Burst Pressure		Bend Radius	
DN	I.D.	O.D.	psi	bar	psi	bar	inch	m m
	inch	mm						
10	3/8	9.5	232	16	2320	160	5.0	127
12	1/2	12.7	232	16	2320	160	7.0	178
16	5/8	15.9	232	16	2320	160	8.0	200
19	3/4	19.0	232	16	2320	160	9.5	240
25	1	25.4	232	16	2320	160	12.0	300
32	1 1/4	31.8	232	16	2320	160	16.5	400
38	1 1/2	38.1	232	16	2320	160	20.0	500
51	2	50.8	232	16	2320	160	25.0	635

FUEL DISPENSING (GASOLINE HOSE)

Application :

Hose for dispensing petroleum based fluid as per UL 330.

Construction :

Petroleum resistant synthetic rubber Tube black in colour.

Reinforcement :

One layer of high tensile brass coated steel wire.

Cover :

Petroleum fluid resistant, ozone resistant rubber cover black in colour.

Temp. Range : -40°C to +100°C.



Hose Size				Working Pressure		Burst Pressure		Bend Radius
I.D.		R.O.D.	O.D.	psi	bar	psi	bar	mm
inch	mm	mm	mm					
5/8	15.1 - 16.7	22.0 - 23.0	24.7 - 26.7	50	3.5	200	14	178
3/4	18.2 - 19.8	25.1 - 26.1	27.8 - 29.8	50	3.5	200	14	178
1	23.8 - 27.0	31.2 - 32.2	33.6 - 36.8	50	3.5	200	14	178