

Rivaflex Hydraulic & Industrial Hose



Rivaflex
HOSES

*PT Bizparts Indonesia
Warehouse Prambanan Bizland Block E1 E2
Jl. Raya Cerme Lor - Gresik 61171*

Tlp : 031 9900 7777 Fax : 031 9900 9900

One / Two layers steel wire braided hose

1SN	.....	01
1SNK	.....	01
2SN	.....	02
2SNK	.....	02

Four - layer steel wire wound hose

4SP	.....	03
4SH	.....	03

Resin tube / double tube

R7	.....	04
R7-TWIN	.....	04
R8	.....	05
R8-TWIN	.....	05

Teflon tube / pressure measuring tube / butter tube/oxygen tube

FHL	.....	06
2MM	.....	06
3MM	.....	06
PH320	.....	07
FRB	.....	07

Industrial Hose

AIR WATER HOSE	08
SUCTION DRAIN HOSE	09
SUCTION DRAIN HOSE	10
CHEMICAL SUCTION	11
STEAM HOSE	11
MULTIPURPOSE HOSE	12
GUNITE HOSE	12
COLD WATER HOSE	13
HOT WATER HOSE	13
AIR CONDITIONER HOSE	14
MINE DEWATERING (LAYFAT) HOSE (PU)	15

1SN

One Layer of Steel Wire

SAE100 R1、 EN853 1SN、 ISO1436 1SNR1



Part No.	Hose (I. D.)		Hose (O. D.)		Working Pressure (WP)		Burst Pressure (BP)		Bend Radius (BR)	Weight (W)
	mm	in.	mm	in.	bar	psi	bar	psi	mm	kg/m
1SN-04	6.3	1/4	13.5	0.53	225	3265	900	13050	100	0.214
1SN-05	7.9	5/16	15.0	0.59	215	3120	860	12470	115	0.248
1SN-06	9.5	3/8	17.5	0.69	180	2610	720	10440	127	0.329
1SN-08	12.5	1/2	20.8	0.82	160	2320	640	9280	178	0.402
1SN-10	15.9	5/8	23.9	0.94	130	1885	520	7540	203	0.471
1SN-12	19.1	3/4	27.9	1.10	105	1525	420	6090	228	0.595
1SN-16	25.4	1	35.8	1.41	88	1275	352	5104	304	0.852
1SN-20	31.8	1 1/4	43.4	1.71	63	915	252	3654	406	1.305
1SN-24	38.1	1 1/2	49.8	1.96	50	725	200	2900	508	1.342
1SN-32	50.8	2	64.0	2.52	40	580	160	2320	635	1.884

Hose Structure : Black oil-resistant synthetic rubber inner layer, a steel wire braid reinforcement layer, black oil-resistant synthetic

Temperature range : -40°C to +100 °C

Recommended uses include petroleum-based hydraulic oil, polyethylene glycol, vegetable oil and water

1SNK

One Layer of Steel Wire Braided Super Flexible Tube

Performance exceeds DIN EN857 1SC

Up to 700.000 pulses



Part No.	Hose (I. D.)		Hose (O. D.)		Working Pressure (WP)		Burst Pressure (BP)		Bend Radius (BR)	Weight (W)
	mm	in.	mm	in.	bar	psi	bar	psi	mm	kg/m
1SNK-04	6.6	1/4	12.0	0.47	290	4205	1160	16820	40	0.170
1SNK-05	8.3	5/16	13.6	0.54	250	3625	1000	14500	55	0.210
1SNK-06	9.9	3/8	15.9	0.63	230	3335	920	13340	65	0.260
1SNK-08	13	1/2	19.2	0.76	200	2900	800	11600	80	0.340
1SNK-10	16.4	5/8	22.3	0.88	150	2175	600	8700	105	0.390
1SNK-12	19.5	3/4	26.1	1.03	125	1812	500	7250	120	0.500
1SNK-16	26	1	33.1	1.30	110	1595	440	6380	160	0.740
1SNK-20	32.5	1 1/4	43.7	1.72	100	1450	400	5800	300	1.280

Hose Structure : Black oil-resistant synthetic rubber inner layer, a steel wire braiding after heating, and black oil resistant synthetic rubber outer layer

Temperature range : -40°C to +100 °C

Recommended uses include petroleum-based hydraulic oil, polyethylene glycol, vegetable oil and water

2SN

Two-Layer Steel Wire Braided Hose

SAE100 R2, EN853 2SN, ISO1436 2SNR2



Part No.	Hose (I. D.)		Hose (O. D.)		Working Pressure (WP)		Burst Pressure (BP)		Bend Radius (BR)	Weight (W)
	mm	in.	mm	in.	bar	psi	bar	psi	mm	kg/m
2SN-04	6.3	1/4	14.7	0.58	400	5800	1600	23200	100	0.342
2SN-05	7.9	5/16	16.5	0.65	350	5075	1400	20300	114	0.356
2SN-06	9.5	3/8	18.5	0.73	330	4785	1320	19140	127	0.473
2SN-08	12.5	1/2	21.8	0.86	275	3990	1100	15950	178	0.602
2SN-10	15.9	5/8	24.9	0.98	250	3625	1000	14500	203	0.713
2SN-12	19.1	3/4	29.0	1.14	215	3120	860	12470	241	0.860
2SN-16	25.4	1	37.6	1.48	165	2395	660	9570	304	1.297
2SN-20	31.8	1 1/4	47.5	1.87	125	1815	500	7250	420	1.992
2SN-24	38.1	1 1/2	54.6	2.15	90	1305	360	5220	508	2.316
2SN-32	50.8	2	67.3	2.65	80	1160	320	4640	635	2.667

Structure : Black-oil resistant synthetic rubber inner layer , two layers steel wire braid reinforcement, black oil-resistant, synthetic rubber outer layer
Temperature range : -40°C to +100 °C
Recommended use Suitable for petroleum-based hydraulic fluids, polyethylene glycol, vegetable oils and water

2SNK

Two-Layer Steel Wire Braided Super Flexible Tube

Performance exceeds DIN EN857 2SC

Up to 1 million pulses



Part No.	Hose (I. D.)		Hose (O. D.)		Working Pressure (WP)		Burst Pressure (BP)		Bend Radius (BR)	Weight (W)
	mm	in.	mm	in.	bar	psi	bar	psi	mm	kg/m
2SNK-04	6.6	1/4	13.4	0.47	450	6525	1800	26100	45	0.270
2SNK-05	8.3	5/16	15.0	0.54	420	6090	1680	24360	60	0.310
2SNK-06	9.9	3/8	17.0	0.63	385	5585	1540	22330	70	0.390
2SNK-08	13.0	1/2	20.7	0.76	345	5000	1380	20010	90	0.520
2SNK-10	16.4	5/8	23.6	0.88	290	4205	1160	16820	130	0.610
2SNK-12	19.5	3/4	27.7	1.03	280	4060	1120	16240	160	0.790
2SNK-16	26.0	1	35.6	1.30	200	2900	800	11600	210	1.150
2SNK-20	32.5	1 1/4	43.5	1.72	175	2540	700	10150	300	1.570

Structure : Black-oil resistant synthetic rubber inner layer , two layers steel wire braid reinforcement, black oil-resistant synthetic rubber
Temperature range : -40°C to +100 °C
Recommended use Suitable for petroleum-based hydraulic fluids, polyethylene glycol, vegetable oils and water

4SP

Four-Layer Steel Wire Wound Hose

EN856 4SP



Part No.	Hose (I. D.)		Hose (O. D.)		Working Pressure (WP)		Burst Pressure (BP)		Bend Radius (BR)	Weight (W)
	mm	in.	mm	in.	bar	psi	bar	psi	mm	kg/m
4SP-06	9.5	3/8	21.1	0.83	445	6455	1780	25810	109	0.713
4SP-08	12.5	1/2	24.4	0.96	425	6165	1700	24650	120	0.882
4SP-10	15.9	5/8	27.7	1.09	400	5800	1600	23200	140	1.124
4SP-12	19.1	3/4	31.5	1.24	380	5510	1520	22040	170	1.343
4SP-16	25.4	1	39.1	1.54	350	5075	1400	20300	340	1.944

Structure : Black-oil resistant synthetic rubber inner layer , four layers steel wire-wrapped reinforcement layer, and black oil-resistant synthetic rubber outer layer
Temperature range : -40°C to +100 °C
Recommended use Suitable for petroleum-based hydraulic fluids, polyethylene glycol, vegetable oils and water

4SH

Four-Layer Steel Wire Wound

EN856 4SH



Part No.	Hose (I. D.)		Hose (O. D.)		Working Pressure (WP)		Burst Pressure (BP)		Bend Radius (BR)	Weight (W)
	mm	in.	mm	in.	bar	psi	bar	psi	mm	kg/m
4SH-12	19.1	3/4	31.5	1.24	420	6090	1680	24360	210	1.456
4SH-16	25.4	1	37.6	1.48	380	5510	1520	22040	220	2.125
4SH-20	31.8	1 1/2	45.2	1.78	350	5075	1400	20300	420	2.452
4SH-24	38.1	1 1/4	53.3	2.10	290	4205	1160	16820	508	3.104
4SH-32	50.8	2	67.5	2.66	250	3625	1000	14500	635	4.623

Structure : Black-oil resistant synthetic rubber inner layer , four layers steel wire-wrapped reinforcement layer, and black oil-resistant synthetic rubber outer layer
Temperature range : -40°C to +100 °C
Recommended use Suitable for petroleum-based hydraulic fluids, polyethylene glycol, vegetable oils and water

SAE100R7

Resin Tube



Part No.	Hose (I.D.)		Hose (O.D.)		Working Pressure (WP)		Burst Pressure (BP)		Bend Radius (BR)		Weight (W)
	mm	in.	mm	in.	bar	psi	bar	psi	mm	in.	
R7-02	3.2	1/8	8.1	0.320	210	3000	840	12000	25	1.0	0.057
R7-03	4.8	3/16	10.3	0.405	230	3335	850	12325	25	1.0	0.080
R7-04	6.4	1/4	12.0	0.472	230	3335	850	12325	32	1.3	0.095
R7-05	8.0	5/16	14.2	0.560	230	3335	800	11600	60	2.4	0.135
R7-06	9.5	3/8	15.7	0.620	230	3335	720	10440	55	2.2	0.150
R7-08	12.7	1/2	21.7	0.855	200	2900	800	11600	100	3.9	0.280
R7-10	16.0	5/8	23.1	0.910	105	1500	420	6000	110	4.3	0.295
R7-12	19.0	3/4	26.4	1.040	90	1300	360	5200	140	5.5	0.356
R7-16	25.4	1	33.3	1.310	70	1000	280	4000	200	8.0	0.504

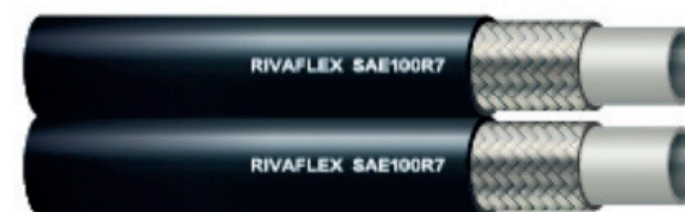
Structure The inner rubber layer is thermoplastic, the reinforcement layer is a single layer of synthetic fiber, and the outer rubber layer is black polyurethane

Temperature -40°C to +100 °C

Best user for : Suitable for nitrate ester hydraulic oil, water glycol, and petroleum synthetic-based hydraulic oil. It has small bending radius and strong aging resistance. It is suitable for low temperature and large temperature difference environments. It is recommended for lubrication systems, mobile equipment, machine tools, engineering machinery, etc.

SAE100R7

Double Hose



Part No.	Hose (I.D.)		Hose (O.D.)		Working Pressure (WP)		Burst Pressure (BP)		Bend Radius (BR)		Weight (W)
	mm	in.	mm	in.	bar	psi	bar	psi	mm	in.	
R7-04-TWIN	6.4	1/4	12.0	0.472	230	3335	850	12325	32	1.3	0.190
R7-05-TWIN	8.0	5/16	14.2	0.560	230	3335	800	11600	60	2.4	0.270
R7-06-TWIN	9.5	3/8	15.7	0.620	230	3335	720	10440	55	2.2	0.300
R7-08-TWIN	12.7	1/2	21.7	0.855	200	2900	800	11600	100	3.9	0.560

Structure The inner rubber layer is thermoplastic, the reinforcement layer is a single layer of synthetic fiber, and the outer rubber layer is black polyurethane.

Temperature -40°C to +100 °C

Best user for : Suitable for nitrate ester hydraulic oil, water glycol, and petroleum synthetic-based hydraulic oil. It has small bending radius and strong aging resistance. It is suitable for low temperature and large temperature difference environments. It is recommended for lubrication systems, mobile equipment, machine tools, engineering machinery, etc.

SAE100R8

Butter Tube



Part No.	Hose (I.D.)		Hose (O.D.)		Working Pressure (WP)		Burst Pressure (BP)		Bend Radius (BR)		Weight (W)
	mm	in.	mm	in.	bar	psi	bar	psi	mm	in.	
R8-02	3.20	1/8	8.10	0.320	420	6000	1680	24000	25	1.0	0.057
R8-03	4.80	3/16	10.30	0.405	350	5000	1400	20000	25	1.0	0.087
R8-04	6.40	1/4	12.40	0.490	350	5000	1400	20000	32	1.3	0.118
R8-05	8.00	5/16	14.20	0.560	300	4350	1200	17400	45	1.8	0.147
R8-06	9.50	3/8	15.70	0.620	280	4000	1120	16000	55	2.2	0.170
R8-08	12.70	1/2	20.50	0.805	245	3500	980	14000	77	3.0	0.240
R8-10	16.00	5/8	23.10	0.910	200	2900	800	11600	110	4.3	0.295
R8-12	19.00	3/4	26.40	1.040	165	2300	660	9200	140	5.5	0.372
R8-16	25.40	1	33.30	1.310	140	2000	560	8000	200	8.0	0.511

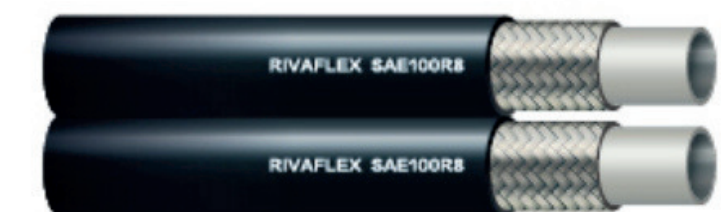
Structure The inner rubber layer is thermoplastic, the reinforcement layer is a single layer of synthetic fiber, and the outer rubber layer is black polyurethane

Temperature -40°C to +100 °C

Best user for : Suitable for nitrate ester hydraulic oil, water glycol, and petroleum synthetic-based hydraulic oil. Small bending radius, suitable for low temperature and large temperature difference environments, recommended for lubrication systems, mobile equipment, machine tools, engineering machinery, etc

SAE100R8

Oxygen Tube



Part No.	Hose (I.D.)		Hose (O.D.)		Working Pressure (WP)		Burst Pressure (BP)		Bend Radius (BR)		Weight (W)
	mm	in.	mm	in.	bar	psi	bar	psi	mm	in.	
R8-05-TWIN	8.00	5/16	14.20	0.560	300	4350	1200	17400	45	1.8	0.294
R8-06-TWIN	9.50	3/8	15.70	0.620	280	4000	1120	16000	55	2.2	0.340

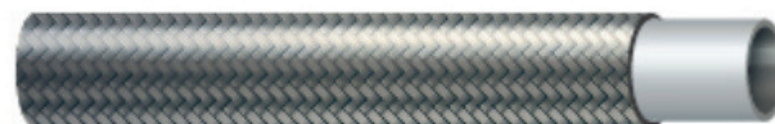
Structure The inner rubber layer is thermoplastic, the reinforcement layer is a single layer of synthetic fiber, and the outer rubber layer is black polyurethane

Temperature -40°C to +100 °C

Best user for : Suitable for nitrate ester hydraulic oil, water glycol, and petroleum synthetic-based hydraulic oil. Small bending radius, suitable for low temperature and large temperature difference environments, recommended for lubrication systems, mobile equipment, machine tools, engineering machinery, etc

SAE100 R14

Teflon Tube



Part No.	Hose (I. D.)		Hose (O. D.)		Working Pressure (WP)		Burst Pressure (BP)		Bend Radius (BR)		Weight (W)
	mm	in.	mm	in.	bar	psi	bar	psi	mm	in.	
FHL-1/8	3.35	1/8	6.40	0.252	225	3260	900	13040	40	1.6	0.065
FHL-3/16	4.83	3/16	7.60	0.300	210	3000	840	12000	50	2.0	0.084
FHL-1/4	6.48	1/4	9.70	0.380	210	3000	840	12000	75	3.0	0.121
FHL-5/16	8.00	5/16	11.20	0.440	175	2500	700	10000	100	4.0	0.163
FHL-3/8	9.65	3/8	12.60	0.495	165	2400	660	9600	125	5.0	0.170
FHL-1/2	12.83	1/2	16.50	0.650	120	1750	480	7000	165	6.5	0.234
FHL-5/8	16.00	5/8	19.80	0.780	88	1270	352	5080	200	8.0	0.318
FHL-3/4	19.18	3/4	22.90	0.900	75	1100	300	4400	230	9.1	0.395
FHL-7/8	22.23	7/8	26.20	1.030	62	900	248	3600	230	9.1	0.462
FHL-1	25.53	1	29.50	1.160	62	900	248	3600	300	11.8	0.528
FHL-1.1/8	28.58	1.1/8	33.00	1.300	44	630	176	2520	410	16.1	0.585

Structure The inner rubber layer is white polytetrafluoroethylene, and the outer rubber layer is stainless steel wire
 Temperature of -54 °C to +260 °C
 Best user for : recommended uses include air compressor discharge, hot oil and grease

PH355

Pressure Tube

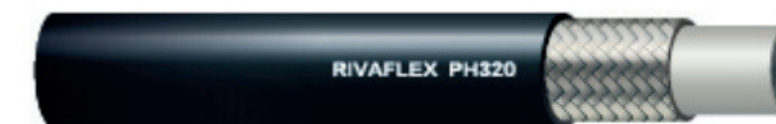


Part No.	Hose (I. D.)		Hose (O. D.)		Working Pressure (WP)		Burst Pressure (BP)		Bend Radius (BR)		Weight (W)
	mm	in.	mm	in.	bar	psi	bar	psi	mm	in.	
2MMX5MM	2.0	5/64	5.0	0.197	630	9100	1890	27300	20	0.8	0.024
3MMX6MM	3.0	1/8	6.0	0.236	630	9100	1890	27300	30	1.2	0.031

Structure The inner rubber layer is thermoplastic, the reinforcement layer is a single layer of aramid synthetic fiber, and the outer rubber layer
 Temperature 40°C to +100 °C
 Best user for : recommended use for lubricating oil circuit

PH320

Butter Tube



Part No.	Hose (I. D.)		Hose (O. D.)		Working Pressure (WP)		Burst Pressure (BP)		Bend Radius (BR)		Weight (W)
	mm	in.	mm	in.	bar	psi	bar	psi	mm	in.	
PH320-3.6	3.60	9/64	8.50	0.335	400	5800	1000	14500	35	1.4	0.057
PH320-04	4.00	5/32	8.00	0.315	300	4350	750	10875	40	1.6	0.054
PH320-4.2	4.20	5/32	8.80	0.346	400	5800	1000	14500	50	2.0	0.065
PH321-04	4.00	5/32	8.50	0.335	400	5800	1000	14500	45	1.8	0.064
PH321-4.2	4.20	5/32	10.20	0.402	400	5800	1000	14500	60	2.4	0.075
PH322-04	4.00	5/32	9.00	0.354	400	5800	1600	23200	50	2.0	0.092

Structure Inner rubber layer - thermoplastic, reinforcement layer - single layer synthetic fiber braid, outer rubber layer - black polyurethane
 Temperature 40°C to +60°C
 Best user for : recommended use for lubricating oil line

FRB 285

Oxygen Tube



Part No.	Hose (I. D.)		Hose (O. D.)		Working Pressure (WP)		Burst Pressure (BP)		Bend Radius (BR)		Weight (W)
	mm	in.	mm	in.	bar	psi	bar	psi	mm	in.	
1/4X15B-FRB	6.40	1/4	13.00	0.512	20	285	60	870	40	1.6	0.156
3/8X15B-FRB	9.50	3/8	17.00	0.669	20	285	60	870	55	2.2	0.221

Structure The inner rubber layer is black synthetic rubber, the reinforcing layer is a single layer synthetic fiber, and the outer rubber layer is black smooth synthetic rubber
 Temperature 30°C to +70°C
 Best user for : recommended use for oxygen / air pipeline

AHM 300

Air/Water Hose 300PSI (1/4"~4")

A general purpose air hose engineered for medium to heavy duty applications; its strong yet flexible construction guarantees a long life and easy handling.

Temperature 40°C / 40°F to +70°C / +158°F
 Tube Black, Smooth, TPR Material, oil mist resistant
 Reinforcement High Strength Synthetic Cord
 Cover Black, Smooth TPR Material, weather and abrasion resistant
 Coils 61mt (100ft) Continuous Length; Other Length Available On Request
 Branding Mark White



Part No.	Hose (I. D.)		Hose (O. D.)		Working Pressure (WP)		Burst Pressure (BP)		Bend Radius (BR)		Weight (W)	
	mm	in.	mm		bar	psi	bar	psi	mm		kg/m	
AHM006-300	6	1/4	13		20	300	60	900	30		0.16	
AHM008-300	8	5/16	15		20	300	60	900	35		0.19	
AHM010-300	10	3/8	18		20	300	60	900	40		0.27	
AHM013-300	13	1/2	21		20	300	60	900	60		0.39	
AHM016-300	16	5/8	25		20	300	60	900	75		0.45	
AHM019-300	19	3/4	29		20	300	60	900	90		0.58	
AHM025-300	25	1	37		20	300	60	900	120		0.89	
AHM032-300	32	1-1/4	44		20	300	60	900	300		0.95	
AHM038-300	38	1-1/2	51		20	300	60	900	360		1.18	
AHM051-300	51	2	65		20	300	60	900	450		1.65	
AHM063-300	63	2-1/2	80		20	300	60	900	600		2.45	
AHM076-300	76	3	92		20	300	60	900	750		2.65	
AHM102-300	102	4	118		20	300	60	900	1000		3.81	

AHM 600

Air/Water Hose 600PSI (1"~4")

Designed for the most severe working conditions in mining, quarries, industrial and construction service, this mandrel built hose has a high margin safety and gives a long and trouble-free service under the most arduous working conditions.

Temperature 40°C / 40°F to +70°C / +158°F
 Tube Black, Smooth, synthetic rubber, heat and oil mist resistant
 Reinforcement Plies of steel wire cord
 Cover Yellow smooth (wrapped finish) long lasting synthetic rubber, weather and abrasion resistant
 Coils 61mt (100ft) Continuous Length; Other Length Available On Request
 Branding Yellow



Part No.	Hose (I. D.)		Hose (O. D.)		Working Pressure (WP)		Burst Pressure (BP)		Bend Radius (BR)		Weight (W)	
	mm	in.	mm		bar	psi	bar	psi	mm		kg/m	
ASW025-600	25	1	36		40	600	160	2400	125		0.88	
ASW032-600	32	1-1/4	43		40	600	160	2400	160		1.11	
ASW038-600	38	1-1/2	50		40	600	160	2400	190		1.54	
ASW051-600	51	2	66		40	600	160	2400	225		2.52	
ASW063-600	63	2-1/2	80		40	600	160	2400	315		3.36	
ASW076-600	76	3	94		40	600	160	2400	380		4.50	
ASW102-600	102	4	122		40	600	160	2400	510		6.77	

WSD 150

Mud Water Suction/Discharge Hose 150PSI (3/4"~10")

Mandrel built heavy water suction & discharge hose. It handles sewage, waste water, mud, etc.

Temperature -40°C / 40°F to +85°C / +185°F
 Tube Black, Smooth, Synthetic Rubber Resistant To Water With pH Value 5 To 8
 Reinforcement High Strength Synthetic Cord Plus Helix Wire
 Cover Black, Smooth (Wrapped Finish) Synthetic Rubber, Abrasion And Weathering Resistant
 Coils 61mt (200ft) Continuous Length; Other Length Available On Request
 Branding Yellow, Black



Part No.	Hose (I. D.)		Hose (O. D.)		Working Pressure (WP)		Burst Pressure (BP)		Bend Radius (BR)		Weight (W)	
	mm	in.	mm		bar	psi	bar	psi	mm		kg/m	
WSD019-150	19	3/4	28		10	150	30	450	65		0.53	
WSD025-150	25	1	34		10	150	30	450	90		0.64	
WSD032-150	32	1-1/4	42		10	150	30	450	110		0.92	
WSD038-150	38	1-1/2	48		10	150	30	450	135		1.35	
WSD051-150	51	2	62		10	150	30	450	200		1.74	
WSD063-150	63	2-1/2	75		10	150	30	450	270		2.20	
WSD076-150	76	3	89		10	150	30	450	340		2.84	
WSD102-150	102	4	115		10	150	30	450	450		3.93	
WSD127-150	127	5	142		10	150	30	450	650		5.62	
WSD150-150	152	6	167		10	150	30	450	700		7.34	
WSD203-150	203	8	225		10	150	30	450	1100		13.65	
WSD254-150	254	10	279		10	150	30	450	1500		18.17	

WSD 250

Mud Water Suction/Discharge Hose 250PSI (1-1/2"~4")

Mandrel built heavy water suction & discharge hose. It handles sewage, waste water, mud, etc.

Temperature -40°C / 40°F to +85°C / +185°F
 Tube Black, Smooth, Synthetic Rubber Resistant To Water With pH Value 4 To 9
 Reinforcement High Strength Synthetic Cord Plus Helix Wire
 Cover Black, Smooth (Wrapped Finish) Synthetic Rubber, Abrasion And Weathering Resistant
 Coils 61mt (200ft) Continuous Length; Other Length Available On Request
 Branding Green, Black



Part No.	Hose (I. D.)		Hose (O. D.)		Working Pressure (WP)		Burst Pressure (BP)		Bend Radius (BR)		Weight (W)	
	mm	in.	mm		bar	psi	bar	psi	mm		kg/m	
WSD038-250	38	1-1/2	49		17	250	51	750	150		1.39	
WSD051-250	51	2	64		17	250	51	750	200		1.92	
WSD063-250	63	2-1/2	76		17	250	51	750	300		2.47	
WSD076-250	76	3	90		17	250	51	750	400		3.05	
WSD102-250	102	4	118		17	250	51	750	550		4.86	

OSD 150

Suction and discharge Hose 150PSI (1"~8")

Tank truck and tank wagon suction and delivery hose; it withstands the full vacuum; used for a wide range of petroleum products up to 50% aromatic content.

Temperature	-40°C / 40°F to +100°C / +212°F
Tube	Black, Smooth, Nitrile Compound
Reinforcement	High Strength Synthetic Cord Plus Helix Wire and Anti-Static Copper Wire
Cover	Black, Smooth (Wrapped Finish) High Grade Chloroprene Rubber, Compounded For An Excellent Resistance To Weather, Ozone, Abrasion And Oil.
Coils	61mt (200ft) Continuous Length; Other Length Available On Request
Branding	Red, Black



Part No.	Hose (I. D.)		Hose (O. D.)		Working Pressure (WP)		Burst Pressure (BP)		Bend Radius (BR)		Weight (W)
	mm	in.	mm		bar	psi	bar	psi	mm		
OSD025-150	25	1	36		10	150	30	450	75		0.71
OSD032-150	32	1-1/4	43		10	150	30	450	85		0.91
OSD038-150	38	1-1/2	49		10	150	30	450	110		1.55
OSD045-150	45	1-3/4	56		10	150	30	450	150		1.36
OSD051-150	51	2	63		10	150	30	450	170		1.64
OSD063-150	63	2-1/2	76		10	150	30	450	210		2.13
OSD075-150	76	3	89		10	150	30	450	230		2.77
OSD090-150	90	3-1/2	104		10	150	30	450	450		3.80
OSD102-150	102	4	117		10	150	30	450	400		4.04
OSD127-150	127	5	145		10	150	30	450	550		6.21
OSD152-150	152	6	170		10	150	30	450	675		7.75
OSD203-150	203	8	225		10	150	30	450	900		9.00

OSD 250

Suction and discharge Hose 250PSI (3/4"~6")

Heavy duty suction and delivery hose; excellent for use as a tank truck or tank wagon hose; it withstands the full vacuum; its anti-static cover conforms fully to PTB specifications; used for a wide range of petroleum products up to 50% aromatic content.

Temperature	-40°C / 40°F to +100°C / +212°F
Tube	Black, Smooth, Nitrile Compound
Reinforcement	High Strength Synthetic Cord Plus Helix Wire and Anti-Static Copper Wire
Cover	Black, Smooth (Wrapped Finish) High Grade Chloroprene Rubber, Compounded For An Excellent Resistance To Weather, Ozone, Abrasion And Oil.
Coils	61mt (200ft) Continuous Length; Other Length Available On Request
Branding	Orange, Black



Part No.	Hose (I. D.)		Hose (O. D.)		Working Pressure (WP)		Burst Pressure (BP)		Bend Radius (BR)		Weight (W)
	mm	in.	mm		bar	psi	bar	psi	mm		
OSD019-300	19	3/4	31		21	300	63	900	80		0.80
OSD025-300	25	1	37		21	300	63	900	100		1.00
OSD032-300	32	1-1/4	44		21	300	63	900	130		1.20
OSD038-300	38	1-1/2	51		21	300	63	900	150		1.50
OSD045-300	45	1-3/4	58		21	300	63	900	175		1.62
OSD051-300	51	2	65		21	300	63	900	200		2.00
OSD063-250	63	2-1/2	79		17	250	51	750	300		2.70
OSD076-250	76	3	92		17	250	51	750	400		3.40
OSD090-250	90	3-1/2	107		17	250	51	750	340		4.03
OSD102-250	102	4	118		17	250	51	750	550		4.80
OSD127-250	127	5	148		17	250	51	750	580		7.04
OSD152-250	152	6	175		17	250	51	750	700		9.63

XLPE 150 (3/4"~4")

Chemical suction/discharge Hose

Mandrel built rubber hose which, thanks to its specially compounded cross-linked polyethylene tube, handles a wide range of chemicals, petroleum products (including aromatics) and oils.

Temperature	-40°C / -40°F to +80°C / +176°F
Tube	Translucent, Smooth, Cross-linked Polyethylene
Reinforcement	High Strength Synthetic Cord Plus Helix Wire, Anti-static Copper Wires Embedded On The Hose Body
Cover	Green, Smooth (Wrapped Finish) EPDM Rubber, Specially Compounded For Higher Resistance To Weather Ozone and Abrasion
Coils	61mt (200ft) Continuous Length; Other Length Available On Request
Branding	Yellow



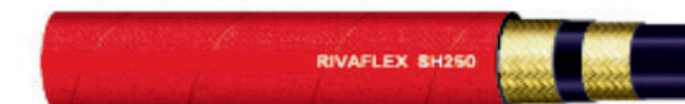
Part No.	Hose (I. D.)		Hose (O. D.)		Working Pressure (WP)		Burst Pressure (BP)		Bend Radius (BR)		Weight (W)
	mm	in.	mm		bar	psi	bar	psi	mm		
XLPE019-150	19	3/4	31		10	150	40	600	80		0.67
XLPE025-150	25	1	37		10	150	40	600	110		0.82
XLPE032-150	32	1-1/4	45		10	150	40	600	165		1.12
XLPE038-150	38	1-1/2	52		10	150	40	600	225		1.46
XLPE051-150	51	2	67		10	150	40	600	350		2.26
XLPE063-150	63	2-1/2	80		10	150	40	600	450		2.82
XLPE076-150	76	3	93		10	150	40	600	800		3.42
XLPE102-150	102	4	120		10	150	40	600	1200		5.29

SH 250 (3/8"~4")

Steam Hose 250PSI

Mandrel built high pressure wire reinforced steam hose designed for service with superheated steam in heat control, fire prevention etc, in many industries at max pressure of 17atm (250psi).

Temperature	-40°C / 40°F to +100°C / +212°F
Tube	Black, Smooth, epdm rubber specially compounded to withstand super heated steam
Reinforcement	Plies of steel wire cord
Cover	Black, Smooth (Wrapped Finish) epdm rubber with excellent resistance to high temperature, weathering, abrasion and aging, it is pin-pricked to prevent separation
Coils	61mt (200ft) Continuous Length; Other Length Available On Request
Branding	Red cover with embossed tape



Part No.	Hose (I. D.)		Hose (O. D.)		Working Pressure (WP)		Burst Pressure (BP)		Bend Radius (BR)		Weight (W)
	mm	in.	mm		bar	psi	bar	psi	mm		
SH010-270	10	3/8	22		18	270	180	2700	55		0.29
SH013-270	13	1/2	24		18	270	180	2700	70		0.49
SH019-270	19	3/4	32		18	270	180	2700	100		0.72
SH025-270	25	1	38.5		18	270	180	2700	140		0.96
SH032-270	32	1-1/4	46		18	270	180	2700	200		1.27
SH038-270	38	1-1/2	52		18	270	180	2700	250		1.58
SH051H-250	51	2	67		17	250	170	2500	350		2.37
SH063H-250	63	2-1/2	79.5		17	250	170	2500	450		2.97
SH076H-250	76	3	93		17	250	170	2500	550		3.88
SH102H-250	102	4	124		17	250	170	2500	750		6.60

MSD 300

Multi-Purpose Suction and Discharge Hose 300PSI (2"~6")

Heavy duty suction and delivery hose, excellent for use as a tank truck or tank wagon hose; It withstands the full vacuum; Its anti-static cover conforms fully to PTB specifications; used for a wide range of petroleum products up to 50% aromatic content.

Temperature	-40°C (-40°F) to +100°C (+212°F)
Tube	Black, Smooth, Nitrile Rubber Compounded
Reinforcement	High Strength Synthetic Cord Plus Helix Wire And Anti-static Copper Wire
Cover	Black, Smooth (Wrapped Finish) High Grade Chloroprene Rubber, Compounded For An Excellent Resistance To Weather, Ozone, Abrasion And Oil Resistant; Anti-static
Coils	61mt (200ft) Continuous Length; Other Length Available On Request
Branding	Purple Transfer Tape With Negative Text



Part No.	Hose (I. D.)		Hose (O. D.)		Working Pressure (WP)		Burst Pressure (BP)		Bend Radius (BR)		Weight (W)	
	mm	in.	mm		bar	psi	bar	psi	mm		kg/m	
MSD051-300	51	2	65		20	300	60	9000	220		1.81	
MSD076-300	76	3	93		20	300	60	9000	350		2.93	
MSD102-300	102	4	120		20	300	60	9000	500		4.95	
MSD150-300	150	6	174		20	300	60	9000	880		7.80	

HWD 225

Cold Water Hose

Hose Structure	
Tube	Inner layer black synthetic rubber (EPDM)
Reinforcement	Single layer polyester fiber
Cover	Cover layer of red clear synthetic rubber (EPDM) is corrosion-resistant, ozone resistant, and wear-resistant
Temperature	-20°C to +165°C
Recommended	Use applies to hot water



Part No.	Hose (I. D.)		Hose (O. D.)		Working Pressure (WP)		Burst Pressure (BP)		Bend Radius (BR)		Weight (W)	
	mm	in.	mm		bar	psi	bar	psi	mm		kg/m	
HWD013-225-BLUE	13.0	1/2	21.5	0.85	15	225	45	650	100		0.350	

BP 600

Shotcrete Hose (2"~4")

Mandrel built rubber hose engineered for the spraying of plaster, grout, gypsum and concrete, with a heavy construction which resists kinking.

Temperature	-40°C (-40°F) to +85°C (+185°F)
Tube	The inner layer is made of black smooth special synthetic material, which is wear-resistant
Reinforcement	Layer high-strength synthetic type
Cover	The outer clothing is black, smooth synthetic rubber, resistant to wear, corrosion and ozone.
Coils	61mt (200ft) Continuous Length; Other Length Available On Request
Branding	Imprint White



Part No.	Hose (I. D.)		Hose (O. D.)		Working Pressure (WP)		Burst Pressure (BP)		Bend Radius (BR)		Weight (W)	
	mm	in.	mm		bar	psi	bar	psi	mm		kg/m	
BP051-600	51	2	68.0		40	600	120	1800	280		1.96	
BP063-600	63	2-1/2	83.5		40	600	120	1800	375		2.86	
BP076-600	76	3	96.2		40	600	120	1800	440		3.14	
BP102-600	102	4	122.0		40	600	120	1800	580		4.14	

HWD 225

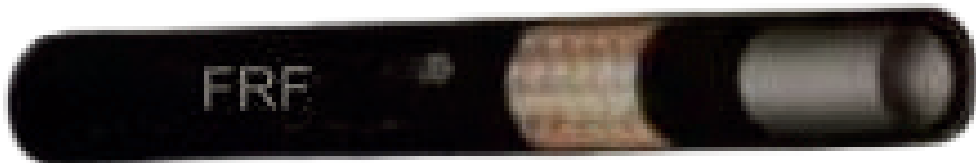
Hot Water Hose

Hose Structure	
Tube	Inner layer black synthetic rubber (EPDM)
Reinforcement	Single layer polyester fiber
Cover	Cover layer of red clear synthetic rubber (EPDM) is corrosion-resistant, ozone resistant, and wear-resistant
Temperature	-20°C to +165°C
Recommended	Use applies to hot water



Part No.	Hose (I. D.)		Hose (O. D.)		Working Pressure (WP)		Burst Pressure (BP)		Bend Radius (BR)		Weight (W)	
	mm	in.	mm		bar	psi	bar	psi	mm		kg/m	
HWD013-225-RED	13.0	1/2	21.5	0.85	15	225	45	650	100		0.350	

R-404a four layer environmentally friendly air conditioning hose for refrigerated vehicles
Applicable refrigerants : R134a, R404a
Stucture : The hose is composed of a nylon alloy lining layer, an inner rubber layer a fiber line reinforcement layer and an outer rubber layer with excellentweather resistance
Appearance : black cloth pattern on the outside
Working Temperature : -40 °C +140 °C
Reference Standard : SAE J2064 Standard



Type 304 R-404a environmentally friendly air conditioning hose for refrigerated vehicles

Product Code	ID		OD		Thickness	Max Work Pressure	Min Burst Pressure	Min Bend Radius
	mm		mm		mm	MPa	MPa	mm
304-D50-8	8.2	+0.3	15.5	+0.0	3.5	3.5	18	60
		-0.0		-0.5				
304-D50-10.7	10.7	+0.3	19.1	+0.0	4.1	3.5	18	75
		-0.0		-0.5				
304-D50-12.7	13.2	+0.3	21.8	+0.0	4.2	3.5	18	85
		-0.0		-0.5				
304-D50-16.1	16.2	+0.3	24.4	+0.0	4	3.5	18	95
		-0.0		-0.5				
304-D50-19	19	+0.3	27.8	+0.0	4.3	3.5	15	110
		-0.0		-0.5				
304-D50-22	22.2	+0.5	33.4	+0.0	4.9	3.5	15	130
		-0.0		-0.6				

MINE DEWATERING (LAYFLAT) HOSE (PU)

Mine dewatering – EPDM/PU - Lay flat



Tube: black EPDM rubber
Reinforcement: woven high tensile filament yarn.
Cover: black thermoplastic polyurethane - abrasion, ozone and cut resistant.
Application: lay flat water discharge for heavy duty applications. Specially designed for mine and construction sites dewatering. Excellent chemical and end load resistance.
Recommended maximum working tensile end load resistance:
ID 4" 5,440 kg
ID 6" 7,000 kg
ID 8" 6,400 kg
Constant operation: -45 °C +80 °C (-49 °F +176 °F)

												
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
104,0	4"	108,80	4,28	15	225	51	750				1,200	0,81
154,0	6"	159,20	6,26	15	225	45	675				1,800	1,21
206,0	8"	212.2	8,31	14	200	40	600				3,400	2,28