

Hydraulic Hose 2019 Edition

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COMPANY PROFILE



Qingdao Hyrotech Rubber & Plastic Products Co.,Ltd is a leading manufacturer & exporter of various hydraulic hoses, industrial hoses and a variety of hose accessories in China. The company covers an area of 20000 square meters workshop with a total investment up to RMB 50 million. We own 150 sets of different equipments for production

and testing,employ more than 200 staffs, including 15 technicians. Our annual output is 10 million meters for hydraulic hoses and 6 million meters for industrial hoses.

HYROTECH main products range is as follows:

- ⊙ **Hydraulic Hoses**
- ⊙ **Industrial Hoses**
- ⊙ **Special Hoses**
- ⊙ **Hose Couplings**

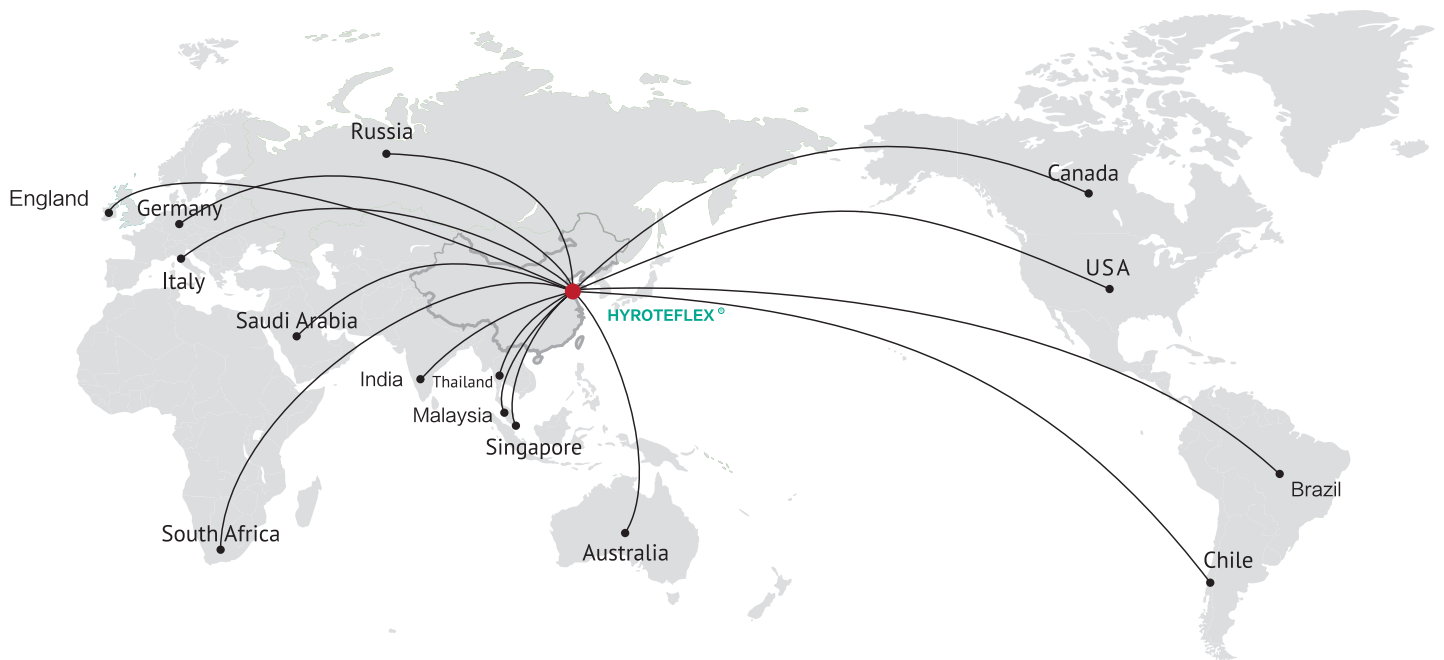
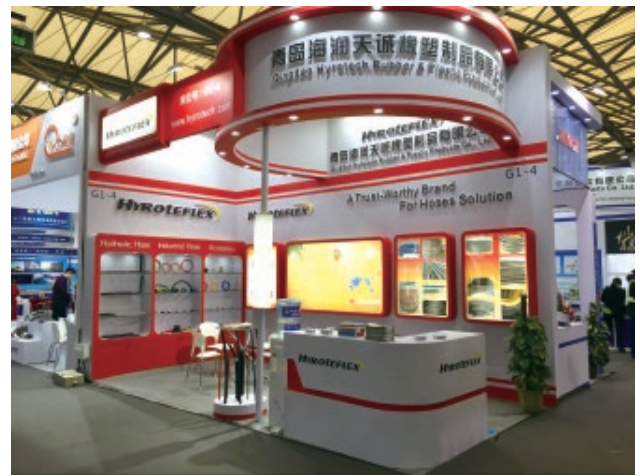
Since the year 2000, HYROTECH has had the Certificate of Conformity to Quality Management System according to the requirements of international standard ISO 9001. All the products are manufactured according to international standard and meet the requirements of SAE, DIN, EN, GOST. The primary aim of the company is to offer high quality products and OEM solution for every client.

Our products are widely used in agriculture, construction, coal mining, garden industry, automobile industry, oil & gas industry. With competitive prices, stable products quality and timely delivery, we have established long-term business relations with customers from more than 60 countries.

Hyrotech strive hard for every customer's satisfaction. Welcome customers from all over the world to contact us.

HYROTECH ONE-STOP HOSE SOLUTION PROVIDER

HYROTEFLEX YOUR TRUST-WORTHY BRAND & BEST CHOICE



⊙ **Competitive Prices** ⊙ **Consistent Quality** ⊙ **Fast Delivery**

Our products are popular in more than 60 countries

**Spiral Machine****Static Pressure Testing****Braiding Machine****Wire Winding Machine****Burst Testing Machine****Impulse Testing Machine**

HYDROTECH EX

HYDRAULIC HOSE SERIES



ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ

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SAE 100R1AT / DIN EN853 1SN


Construction:
Tube: Oil resistant synthetic rubber

Reinforcement: One high tensile steel wire braid

Cover: Oil and weather resistant synthetic rubber

Temperature: -40°C to +100°C

Application: Petroleum based hydraulic fluid, gasoline, water, diesel fuels, lubricating oils, glycol, mineral oils, and more

Size		Inside Ø mm		Braid Ø mm		Outside Ø mm	Working Pressure		Burst Pressure		Bend Radius	Length	Weight
Inch	mm	Min	Max	Min	Max	Max	Bar	Psi	Bar	Psi	mm	m	Kg/m
3/16	5	4.6	5.4	9.0	10.0	12.5	250	3625	1000	14500	90	50/100	0.19
1/4	6.3	6.2	7.0	10.6	11.1	14.1	225	3260	900	13050	100	50/100	0.21
5/16	8	7.7	8.5	12.1	12.7	15.7	215	3120	850	12325	115	50/100	0.24
3/8	10	9.3	10.1	14.5	15.1	18.1	180	2610	720	10440	130	50/100	0.33
1/2	12.5	12.3	13.5	17.5	18.3	21.4	160	2320	640	9280	180	50/100	0.41
5/8	16	15.5	16.7	20.6	21.4	24.5	130	1885	520	7540	200	50/100	0.45
3/4	19	18.6	19.8	24.6	25.4	28.5	105	1520	420	6090	240	50/100	0.58
1	25	25.0	26.4	32.5	33.3	36.6	88	1280	350	5075	300	50/100	0.88
1 1/4	31.5	31.4	33.0	39.3	40.5	44.8	63	910	250	3625	420	20/40	1.23
1 1/2	38	37.7	39.3	45.6	46.8	52.1	50	725	200	2900	500	20/40	1.51
2	51	50.4	52.0	58.7	60.2	65.5	40	580	160	2320	630	20/40	1.97

SAE 100R2AT / DIN EN853 2SN


Construction:
Tube: Oil resistant synthetic rubber

Reinforcement: Two high tensile steel wire braids

Cover: Oil and weather resistant synthetic rubber

Temperature: -40°C to +100°C

Application: Petroleum based hydraulic fluid, gasoline, water, diesel fuels, lubricating oils, glycol, mineral oils, and more

Size		Inside Ø mm		Braid Ø mm		Outside Ø mm	Working Pressure		Burst Pressure		Bend Radius	Length	Weight
Inch	mm	Min	Max	Min	Max	Max	Bar	Psi	Bar	Psi	mm	m	Kg/m
3/16	5	4.6	5.4	10.6	11.6	14.1	414	6020	1650	23295	90	50/100	0.32
1/4	6.3	6.2	7.0	12.1	13.3	15.7	400	5800	1600	23200	100	50/100	0.36
5/16	8	7.7	8.5	13.7	14.9	17.3	360	5075	1400	20300	115	50/100	0.45
3/8	10	9.3	10.1	16.1	17.3	19.7	331	4785	1320	19140	130	50/100	0.54
1/2	12.5	12.3	13.5	19.0	20.6	23.0	276	3990	1100	15950	180	50/100	0.68
5/8	16	15.5	16.7	22.2	23.8	26.2	250	3625	1000	14500	200	50/100	0.80
3/4	19	18.6	19.8	26.2	27.8	30.1	215	3120	850	12325	240	50/100	0.94
1	25	25.0	26.4	34.1	35.7	39.9	165	2390	650	9425	300	50/100	1.35
1 1/4	31.5	31.4	33.0	43.3	45.7	49.5	125	1810	500	7250	420	20/40	2.15
1 1/2	38	37.7	39.3	49.6	52.0	55.9	90	1305	360	5220	500	20/40	2.65
2	51	50.4	52.0	62.3	64.7	68.6	80	1160	320	4640	630	20/40	3.50

SAE 100R3 / DIN EN854 2TE


Construction:
Tube: Oil resistant synthetic rubber

Reinforcement: Two fiber braids

Cover: Oil and weather resistant synthetic rubber

Temperature: -40°C to +100°C

Application: Petroleum based hydraulic fluid, gasoline, water, lubricating oils, glycol, mineral oils, and more

Size		SAE	Inside Ø mm		Outside Ø mm		Working Pressure		Burst Pressure		Bend Radius	Length	Weight
mm	Inch	Dash	Min	Max	Min	Max	Bar	Psi	Bar	Psi	mm	m	Kg/m
5	3/16	-3	4.5	5.4	11.9	13.5	105	1520	420	6500	75	50/100	0.16
6.3	1/4	-4	6.1	7.0	13.5	15.1	87	1350	348	5300	75	50/100	0.19
8	5/16	-5	7.6	8.5	16.7	18.3	84	1300	336	5200	100	50/100	0.26
10	3/8	-6	9.2	10.1	18.3	19.8	78	1200	312	4840	100	50/100	0.28
13	1/2	-8	12.4	13.5	23.0	24.6	70	1080	280	4340	125	50/100	0.40
16	5/8	-10	15.6	16.7	26.2	27.8	61	945	244	3780	140	50/100	0.55
19	3/4	-12	18.7	19.8	31.0	32.5	52	800	208	3220	150	50/100	0.69
25	1	-16	25.1	26.2	36.9	39.3	39	600	156	2420	205	50/100	0.82
32	1 1/4	-20	31.4	32.9	42.9	46.0	26	400	104	1610	250	40/50	1.00

SAE 100R4


Construction:
Tube: Oil resistant synthetic rubber

Reinforcement: High tensile cords and helix steel wire

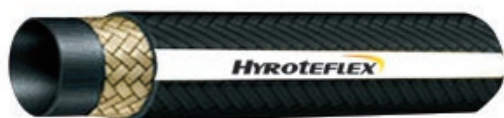
Cover: Oil and weather resistant synthetic rubber

Temperature: -40°C to +100°C

Application: Petroleum based hydraulic fluid, gasoline, water, diesel fuels, lubricating oils, glycol, mineral oils, and more

Size		SAE	Inside Ø mm		Outside Ø mm	Working Pressure		Burst Pressure		Bend Radius	Length	Weight
mm	Inch	Dash	Min	Max	Max	Bar	Psi	Bar	Psi	mm	m	Kg/m
19	3/4	-12	18.2	19.8	34.9	21	305	84	1210	125	40/60	0.92
25	1	-16	24.6	26.2	41.3	17	250	70	1015	150	40/60	1.10
32	1 1/4	-20	30.6	33.0	50.8	14	200	56	810	200	40/60	1.30
38	1 1/2	-24	36.9	39.3	57.2	10.5	150	42	610	255	40/60	1.80
51	2	-32	49.2	52.4	69.9	7	100	28	410	300	40/60	2.23
63	2 1/2	-40	61.9	65.1	82.6	4	60	17	250	355	40/60	3.23
76	3	-48	74.6	77.8	95.3	4	60	16	230	460	40/60	4.25
89	3 1/2	-56	87.3	90.5	107.9	3	40	12.5	180	530	40/60	5.05
102	4	-64	100.0	103.2	120.7	2.5	40	10	145	610	40/60	5.60

SAE 100R5


Construction:
Tube: Oil resistant synthetic rubber

Reinforcement: One braid of high tensile steel wire

Cover: Textile braid impregnated with oil resistant synthetic rubber compound

Temperature: -40°C to +100°C

Application: Petroleum based hydraulic fluid, gasoline, water, diesel fuels, lubricating oils, glycol, mineral oils, and more

Size			Inside Ø mm		Outside Ø mm		Working Pressure		Burst Pressure		Bend Radius	Length	Weight
mm	inch	Dash	Min	Max	Min	Max	Bar	Psi	Bar	Psi	mm	m	Kg/m
5	3/16	-4	4.8	5.5	12.7	13.7	210	3045	840	12180	75	50/100	0.24
6.3	1/4	-5	6.4	7.2	14.3	15.3	210	3045	840	12180	85	50/100	0.29
8	5/16	-6	7.9	8.7	16.7	17.6	157	2276	620	8990	100	50/100	0.36
11	13/32	-8	10.3	11.1	18.9	20.0	140	2030	560	8120	115	50/100	0.48
13	1/2	-10	12.7	13.7	22.8	24.0	122	1769	480	6960	140	50/100	0.55
16	5/8	-12	15.9	17.0	26.8	28.0	105	1522	420	6090	165	50/100	0.65
22	7/8	-16	22.2	23.3	30.6	32.2	56	812	220	3090	185	20/40	0.69
29	1 1/8	-20	28.6	29.8	37.3	38.9	43	623	170	2494	230	20/40	0.84
35	1 3/8	-24	34.9	36.1	43.7	45.2	35	507	140	2030	265	20/40	1.03
46	1 13/16	-32	46.0	47.2	55.2	57.6	24	348	96	1392	335	20/40	1.26
60	2 3/8	-40	60.3	61.9	71.8	74.2	24	348	96	1392	610	20/40	2.0
76	3	-78	76.2	77.8	89.3	91.7	14	203	56	812	840	20/40	3.0

SAE 100R6 / DIN EN854 1TE


Construction:
Tube: Oil resistant synthetic rubber

Reinforcement: One fiber braid

Cover: Oil and weather resistant synthetic rubber

Temperature: -40°C to +100°C

Application: Petroleum based hydraulic fluid, gasoline, water, lubricating oils, glycol, mineral oils, and more

Size		SAE	Inside Ø mm		Outside Ø mm		Working Pressure		Burst Pressure		Bend Radius	Length	Weight
mm	inch	Dash	Min	Max	Max	Bar	Psi	Bar	Psi	mm	m	Kg/m	
5	3/16	-03	4.5	5.4	10.3	11.1	34	500	138	2000	50	50/100	0.11
6.3	1/4	-04	6.1	7.0	11.9	12.7	28	400	110	1600	65	50/100	0.15
8	5/16	-05	7.6	8.5	13.5	14.3	28	400	110	1600	75	50/100	0.16
10	3/8	-06	9.2	10.1	15.1	15.9	28	400	110	1600	75	50/100	0.18
12.5	1/2	-08	12.4	13.5	19.0	19.8	28	400	110	1600	100	50/100	0.26
16	5/8	-10	15.6	16.7	22.2	23.0	24	350	97	1400	125	50/100	0.29
19	3/4	-12	18.7	19.8	25.4	26.6	21	300	83	1200	150	50/100	0.40

SAE 100R7 / EN855 R7 STANDARD


Construction:
Tube: Oil resistant synthetic thermoplastic core(Nylon)

Reinforcement: One braid of high tensile synthetic fiber

Cover: Abrasion resistant polyurethane

Temperature: -40°C to +100°C

Application: Automobile, construction machinery, lathe, agriculture, Machine, mining, Spurting the oil paint, navigation & spaceflight, cooling and other hydraulic control system.

Size	SAE	Inside Ø mm		Outside Ø mm	Working Pressure	Burst Pressure	Bend Radius	Length
		Inch	Min					
3	-2	1/8	3.2	8.5	17.2	68.8	13	100
5	-3	3/16	4.8	10.8	21.0	84.0	33	100
6	-4	1/4	6.4	13.0	19.0	76.0	38	100
8	-5	5/16	8.0	15.1	17.5	70.0	46	100
10	-6	3/8	9.5	17.0	15.7	62.8	51	100
13	-8	1/2	12.7	20.7	14.0	56.0	76	100
16	-10	5/8	16.0	22.0	11.0	44.0	110	100
19	-12	3/4	19.0	26.0	8.7	34.8	127	50
25	-16	1	25.0	32.0	7.0	28.0	203	50

SAE 100R8 / EN855 R8 STANDARD


Construction:
Tube: Oil resistant synthetic thermoplastic core(Nylon)

Reinforcement: two braids of high tensile synthetic fiber

Cover: Abrasion resistant polyurethane

Temperature: -40°C to +100°C

Application: Automobile, construction machinery, lathe, agriculture machine, mining, Spurting the oil paint, avigation & spaceflight, cooling and other hydraulic control system.

Size	SAE	Inside Ø mm		Outside Ø mm	Working Pressure	Burst Pressure	Bend Radius	Length
		Inch	Min					
3	-2	1/8	3.2	9.5	35.0	140.0	30	100
5	-3	3/16	4.8	13.1	35.0	140.0	38	100
6	-4	1/4	6.4	15.9	35.0	140.0	51	100
8	-5	5/16	8.0	17.0	30.0	120.0	60	100
10	-6	3/8	9.5	19.0	28.0	112.0	64	100
13	-8	1/2	12.7	22.7	24.5	98.0	100	100
16	-10	5/8	16.0	25.0	19.2	76.8	140	100
19	-12	3/4	19.0	29.0	15.7	62.8	170	50
25	-16	1	25.0	34.0	14.0	56.0	230	50

SAE 100R9


Construction:

Tube: Oil resistant synthetic rubber

Reinforcement: Four high tensile steel wire spiral layers

Cover: Abrasion, ozone and weather resistant synthetic rubber

Temperature: -40°C to +100°C

Application: Petroleum based hydraulic fluid, gasoline, water, diesel fuels, lubricating oils, glycol, mineral oils, and more

Size		SAE	Inside Ø mm		Outside Ø mm		Working Pressure		Burst Pressure		Bend Radius	Length	Weight
mm	inch	Dash	Min	Max	Max		Bar	Psi	Bar	Psi	mm	m	Kg/m
10	3/8	-06	9.3	10.1	20.6	21.1	315	4560	630	9135	125	20/40	0.70
12.5	1/2	-08	12.3	13.5	23.8	24.3	280	4060	560	8120	180	20/40	0.83
19	3/4	-12	18.6	19.8	30.6	31.9	210	3045	420	6090	240	20/40	1.30
25	1	-16	25.0	26.4	38.5	40.5	210	3045	420	6090	300	20/40	1.70
31.5	1 1/4	-20	31.4	33.0	49.2	50.7	175	2540	350	5075	420	20/40	3.08
38	1 1/2	-24	37.7	39.3	55.6		140	2030	280	4060	500	20/40	4.30
51	2	-32	50.4	52.0	69.9		140	2030	280	4060	660	20/40	5.63

SAE 100R12


Construction:

Tube: Oil resistant synthetic rubber

Reinforcement: Four high tensile steel wire spiral layers

Cover: Abrasion, ozone and weather resistant synthetic rubber

Temperature: -40°C to +100°C

Application: Petroleum based hydraulic fluid, gasoline, water, diesel fuels, lubricating oils, glycol, mineral oils, and more

SIZE		SAE	Inside Ø mm		Outside Ø mm		Working Pressure		Burst Pressure		Bend Radius	Length	Weight
mm	Inch	Dash	Min	Max	Max		Bar	Psi	Bar	Psi	mm	m	Kg/m
10	3/8	-06	9.3	10.1	19.5	21.0	280	4060	1120	16240	125	20/40	0.62
12.5	1/2	-08	12.3	13.5	23.0	24.6	280	4060	1120	16240	180	20/40	0.85
16	5/8	-10	15.5	16.7	26.6	28.2	280	4060	1120	16240	200	20/40	1.29
19	3/4	-12	18.6	19.8	29.9	31.5	280	4060	1120	16240	250	20/40	1.47
25	1	-16	25.0	26.4	36.8	39.2	280	4060	1120	16240	300	20/40	2.00
31.5	1 1/4	-20	31.4	33.0	45.4	48.6	210	3045	840	12180	420	20/40	2.86
38	1 1/2	-24	37.7	39.3	51.9	55.0	175	2540	700	10150	500	20/40	3.24
51	2	-32	50.8	52.0	65.1	68.3	175	2540	700	10150	640	20/40	4.80

SAE 100R13


Construction:
Tube: Oil resistant synthetic rubber

Reinforcement: Four or six high tensile steel wire spiral layers

Cover: Abrasion, ozone and weather resistant synthetic rubber

Temperature: -40°C to +121°C

Application: Petroleum based hydraulic fluid, gasoline, water, diesel fuels, lubricating oils, glycol, mineral oils, and more

Size		SAE	Inside Ø mm		Outside Ø mm		Working Pressure		Burst Pressure		Bend Radius	Length	Weight
mm	Inch	Dash	Min	Max	Min	Max	Bar	Psi	Bar	Psi	mm	m	Kg/m
19	3/4	-12	18.6	19.8	31.0	33.2	350	5075	1400	20300	240	20/40	1.68
25	1	-16	25.0	26.4	37.6	39.8	350	5075	1400	20300	300	20/40	2.24
31.5	1 1/4	-20	31.4	33.0	48.3	51.3	350	5075	1400	20300	420	20/40	3.90
38	1 1/2	-24	37.7	39.3	55.8	58.8	350	5075	1400	20300	500	20/40	4.90
51	2	-32	50.4	52.0	69.5	72.7	350	5075	1400	20300	640	20/40	6.90

SAE 100R15


Construction:
Tube: Oil resistant synthetic rubber

Reinforcement: Four or six high tensile steel wire spiral layers

Cover: Abrasion, ozone and weather resistant synthetic rubber

Temperature: -40°C to +121°C

Application: Petroleum based hydraulic fluid, gasoline, water, diesel fuels, lubricating oils, glycol, mineral oils, and more

Size		SAE	ID Ø mm	OD Ø mm	Working Pressure		Burst Pressure		Bend Radius	Length	Weight
mm	Inch	Dash	Max	Max	Bar	Psi	Bar	Psi	mm	m	Kg/m
19	3/4	-12	19.8	36.1	420	6090	1680	24360	240	20/40	1.5
25	1	-16	26.4	42.9	420	6090	1680	24360	300	20/40	2.1
31.5	1 1/4	-20	33.0	51.5	420	6090	1680	24360	420	20/40	3.8
38	1 1/2	-24	39.3	59.6	420	6090	1680	24360	500	20/40	5.1
51	2	-32	52.0	72.7	420	6090	1680	24360	630	20/40	7.0

SAE 100R16


Construction:
Tube: Oil resistant synthetic rubber

Reinforcement: Two high tensile steel wire braids

Cover: Oil and weather resistant synthetic rubber

Temperature: -40°C to +121°C

Application: Petroleum based hydraulic fluid, gasoline, water, diesel fuels, lubricating oils, glycol, mineral oils, and more

Size		SAE	Inside Ø mm		Outside Ø mm	Working Pressure		Burst Pressure		Bend Radius	Length	Weight
mm	Inch	Dash	Min	Max	Max	Bar	Psi	Bar	Psi	mm	m	Kg/m
6.3	1/4	-04	6.2	7.0	14.5	350	5075	1380	20300	50	50/100	0.27
8	5/16	-05	7.7	8.5	15.7	297	4306	1170	17000	55	50/100	0.35
10	3/8	-06	9.3	10.1	18.8	280	4060	1100	16000	65	50/100	0.42
12.5	1/2	-08	12.3	13.5	22.0	245	3550	960	14000	90	50/100	0.52
16	5/8	-10	15.5	16.7	25.4	192	2780	768	11000	100	50/100	0.63
19	3/4	-12	18.6	19.8	29.0	157	2275	628	9000	120	50	0.81
25	1	-16	25.0	26.4	36.6	140	2030	560	8000	150	50	1.71

SAE 100R17


Construction:
Tube: Oil resistant synthetic rubber

Reinforcement: One High tensile steel wire braids

Cover: Oil and weather resistant synthetic rubber

Temperature: -40°C to +121°C

Application: Petroleum based hydraulic fluid, gasoline, water, diesel fuels, lubricating oils, glycol, mineral oils, and more

Size		SAE	Inside Ø mm		Outside Ø mm	Working Pressure		Burst Pressure		Bend Radius	Length	Weight
mm	Inch	Dash	Min	Max	Max	Bar	Psi	Bar	Psi	mm	m	Kg/m
6.3	1/4	-04	6.2	7.0	13.2	210	3045	840	12180	50	50/100	0.18
8	5/16	-05	7.7	8.5	15.0	210	3045	840	12180	55	50/100	0.21
10	3/8	-06	9.3	10.1	17.0	210	3045	840	12180	65	50/100	0.28
12.5	1/2	-08	12.3	13.5	21.1	210	3045	840	12180	90	50/100	0.47
16	5/8	-10	15.5	16.7	25.9	210	3045	840	12180	100	50/100	0.80
19	3/4	-12	18.6	19.8	30.3	210	3045	840	12180	120	50	0.94
25	1	-16	25.0	26.4	38.6	210	3045	840	12180	150	50	1.35

DIN EN857 2SN-K


Construction:

Tube: Synthetic rubber, resistant against hydraulic fluids (HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC)

Reinforcement: Two braids of high tensile steel wire

Cover: Abrasion and ozone resistant synthetic rubber

Temperature: -40°C to +100°C

Size		Inside Ø	Braid Ø	Outside Ø	Working Pressure		Burst Pressure		Bend Radius	Length	Weight
Inch	mm	mm	mm	mm	Bar	Psi	Bar	Psi	mm	m	Kg/m
1/4	6	6.6	11.4	13.4	450	6525	1800	27000	45	50	0.27
5/16	8	8.3	13.0	15.0	420	6090	1680	25200	60	50	0.31
3/8	10	9.9	14.9	17.0	385	5585	1540	23100	70	50	0.39
1/2	12	13.0	18.7	20.7	350	5075	1400	21000	90	50	0.52
5/8	16	16.4	21.9	23.6	290	4205	1160	17400	130	50	0.61
3/4	19	19.5	25.7	27.7	280	4060	1120	16800	160	50	0.79
1	25	26.0	32.9	35.6	200	2900	800	12000	210	50	1.15

DIN EN857 1SC


Construction:
Tube: Oil resistant synthetic rubber

Reinforcement: One braid of high tensile steel wire

Cover: Oil and weather resistant synthetic rubber

Temperature: -40°C to +100°C

Application: Be suitable to carry hydraulic fluids, such as glycol, mineral oils, emulsion, hydrocarbons, etc.

Size		Inside Ø mm		Outside Ø mm	Working Pressure		Burst Pressure		Bend Radius	Length	Weight
Inch	mm	Min	Max	Max	Bar	Psi	Bar	Psi	mm	m	Kg/m
1/4	6.4	6.1	6.9	13.5	300	4350	1200	17400	75	50/100	0.14
5/16	7.9	7.7	8.5	14.5	275	3980	1100	15950	80	50/100	0.20
3/8	9.5	9.3	10.1	16.9	225	3263	900	13050	90	50/100	0.26
1/2	12.7	12.3	13.5	20.4	200	2900	800	11600	127	50/100	0.35
5/8	15.9	15.5	16.7	23.0	150	2175	600	8700	153	50/100	0.48
3/4	19.0	18.6	19.8	26.7	150	2175	600	8700	180	50/100	0.60
1	25.4	25.0	26.4	34.9	110	1595	450	6525	230	50	0.90

SAE 100R1A / DIN EN853 1ST


Construction:
Tube: Oil resistant synthetic rubber

Reinforcement: One braid of high tensile steel wire

Cover: Oil and weather resistant synthetic rubber

Temperature: -40°C to +100°C

Application: Be suitable to carry hydraulic fluids, such as glycol, mineral oils, emulsion, hydrocarbons, etc.

Size		Inside Ø mm		Braid Ø mm		Outside Ø mm	Working Pressure		Burst Pressure		Bend Radius	Length	Weight
Inch	mm	Min	Max	Min	Max	Max	Bar	Psi	Bar	Psi	mm	m	Kg/m
1/4	6.4	6.2	7.0	10.6	11.1	15.9	225	3270	900	12840	100	50/100	0.31
5/16	7.9	7.7	8.5	12.1	12.7	17.5	215	3120	850	12280	114	50/100	0.38
3/8	9.5	9.3	10.1	14.5	15.1	19.8	180	2615	720	10280	127	50/100	0.45
1/2	12.7	12.3	13.5	17.5	18.3	23.0	160	2320	640	9180	178	50/100	0.55
5/8	15.9	15.5	16.7	20.6	21.4	26.2	130	1890	520	7420	200	50/100	0.63
3/4	19.0	18.6	19.8	24.6	25.4	30.2	105	1530	420	6000	240	50/100	0.77
1	25.4	25.0	26.4	32.5	33.3	38.1	88	1280	350	5020	300	50	1.06
1 1/4	31.8	31.4	33.0	39.3	40.5	46.0	63	920	250	3600	419	20/40	1.45
1 1/2	38.1	37.7	39.3	45.6	46.8	52.4	50	730	200	2860	500	20/40	1.80
2	50.8	50.4	52.0	58.7	60.2	66.7	40	580	160	2280	630	20/40	2.30

DIN EN857 2SC


Construction:
Tube: Oil resistant synthetic rubber

Reinforcement: two braids of high tensile steel wire

Cover: Oil and weather resistant synthetic rubber

Temperature: -40°C to +100°C

Application: Be suitable to carry hydraulic fluids, such as glycol, mineral oils, emulsion, hydrocarbons, etc.

Size		Inside Ø mm		Braid Ø mm		Outside Ø mm	Working Pressure		Burst Pressure		Bend Radius	Length	Weight
Inch	mm	Min	Max	Min	Max	Max	Bar	Psi	Bar	Psi	mm	m	Kg/m
1/4	6.4	6.1	6.9	10.6	11.7	14.2	450	6525	1800	26100	75	50/100	0.28
5/16	7.9	7.7	8.5	12.1	13.3	16.0	400	5800	1600	23200	85	50/100	0.36
3/8	9.5	9.3	10.1	14.4	15.6	18.3	375	5438	1500	21750	90	50/100	0.41
1/2	12.7	12.3	13.5	17.5	19.1	21.5	310	4495	1240	17980	130	50/100	0.59
5/8	15.9	15.5	16.7	20.5	22.3	24.7	300	4350	1200	17400	170	50/100	0.63
3/4	19.0	18.6	19.8	24.6	26.4	28.6	287	4162	1150	16675	200	50/100	0.80
1	25.4	25.0	26.4	32.5	34.3	36.6	225	3263	900	13050	250	50	1.17

SAE 100R2A / DIN EN853 2ST


Construction:
Tube: Oil resistant synthetic rubber

Reinforcement: two braids of high tensile steel wire

Cover: Oil and weather resistant synthetic rubber

Temperature: -40°C to +100°C

Application: Be suitable to carry hydraulic fluids, such as glycol, mineral oils, emulsion, hydrocarbons, etc.

Size		Inside Ø mm		Braid Ø mm		Outside Ø mm	Working Pressure		Burst Pressure		Bend Radius	Length	Weight
Inch	mm	Min	Max	Min	Max	Max	Bar	Psi	Bar	Psi	mm	m	Kg/m
1/4	6.4	6.2	7.0	12.1	12.7	17.5	400	5800	1600	22840	100	50/100	0.42
5/16	7.9	7.7	8.5	13.7	14.3	19.1	360	5250	1400	20000	114	50/100	0.51
3/8	9.5	9.3	10.1	16.1	16.7	21.4	331	4800	1320	18840	127	50/100	0.60
1/2	12.7	12.3	13.5	19.0	19.8	24.6	276	4000	1100	15720	178	50/100	0.74
5/8	15.9	15.5	16.7	22.2	23.0	27.8	250	3630	1000	14280	200	50/100	0.86
3/4	19.0	18.6	19.8	26.2	27.0	31.8	215	3120	850	12280	240	50/100	1.04
1	25.4	25.0	26.4	34.1	34.9	39.7	165	2400	650	9420	300	50	1.42
1 1/4	31.8	31.4	33.0	43.3	44.5	50.8	125	1820	500	7140	419	20/40	2.23
1 1/2	38.1	37.7	39.3	49.6	50.8	57.2	90	1310	360	5140	500	20/40	2.74
2	50.8	50.4	52.0	62.3	63.5	69.8	80	1160	320	4560	630	20/40	3.50

DIN EN856 4SP


Construction:
Tube: Oil resistant synthetic rubber

Reinforcement: Four high tensile steel wire spiral layers

Cover: Abrasion, ozone and weather resistant synthetic rubber

Temperature: -40°C to +100°C

Application: Petroleum based hydraulic fluid, gasoline, water, diesel fuels, lubricating oils, glycol, mineral oils, and more

Size		SAE	Inside Ø mm		Outside Ø mm		Working Pressure		Burst Pressure		Bend Radius	Length	Weight
mm	Inch	Dash	Min	Max	Min	Max	Bar	Psi	Bar	Psi	mm	m	Kg/m
10	3/8	-06	9.3	10.1	20.6	22.2	445	6450	180	26000	180	50	0.78
12.5	1/2	-08	12.3	13.5	23.8	25.4	415	6000	166	24000	230	50	0.89
16	5/8	-10	15.5	16.7	27.4	29.0	350	5000	140	20000	250	50	1.10
19	3/4	-12	18.6	19.8	31.4	33.0	350	5000	140	20000	300	50	1.59
25	1	-16	25.0	26.4	38.5	40.9	280	4000	112	16000	340	20/40	2.02
31.5	1 1/4	-20	31.4	33.0	49.2	52.4	210	3000	84	12000	460	20/40	3.32
38	1 1/2	-24	37.7	39.3	55.6	58.8	185	3650	74	10800	560	20/40	3.70
51	2	-32	50.4	52.0	68.2	71.4	165	2360	66	9600	660	20/40	5.47

DIN EN856 4SH


Construction:
Tube: Oil resistant synthetic rubber

Reinforcement: Four high tensile steel wire spiral layers

Cover: Abrasion, ozone and weather resistant synthetic rubber

Temperature: -40°C to +100°C

Application: Petroleum based hydraulic fluid, gasoline, water, diesel fuels, lubricating oils, glycol, mineral oils, and more

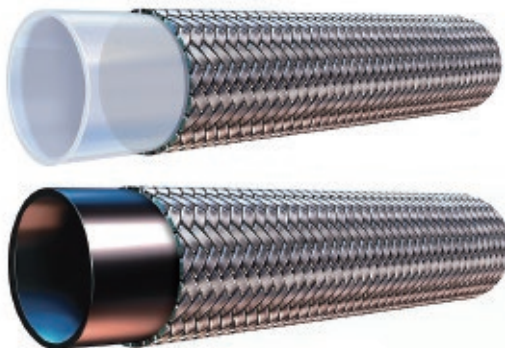
Size		SAE	Inside Ø mm		Outside Ø mm		Working Pressure		Burst Pressure		Bend Radius	Length	Weight
mm	Inch	Dash	Min	Max	Max	Max	Bar	Psi	Bar	Psi	mm	m	Kg/m
19	3/4	-12	18.6	19.8	31.4	33.0	420	6000	1680	24000	280	20/40	1.61
25	1	-16	25.0	26.4	37.5	39.9	380	5500	1520	22000	340	20/40	2.00
31.5	1 1/4	-20	31.0	33.0	43.9	47.1	325	4700	1300	18800	460	20/40	2.64
38	1 1/2	-24	37.7	39.3	51.9	55.1	290	4200	1160	16800	560	20/40	3.36
51	2	-32	50.4	52.0	66.5	69.7	250	3600	1000	14400	700	20/40	4.98

HYDROTEFLEX

PTFE HOSE SERIES



Smoothbore PTFE Hose



Construction:

Tube: PTFE hose, for high and low temperature used, anti-corrosive, non-stick.

Cover: SUS304 stainless steel braided, higher pressure resistance, all kinds of couplings can be available.

Temperature: constant use -50 °C ~ +210 °C , instant use -70 °C ~ +260 °C

Application: the hydraulic hose, pneumatic hose and steam hose of the industries of rubber, plastic, clothing, auto, engine bed, shipbuilding, electrical machinery, diesel alternate liquid, gas, and high corrosive medium compare to other hose, also have the longer life.

Inside Ø		Outside Ø mm	Thickness	Working Pressure	Burst Pressure	Length	Weight
Inch	mm	Max	mm	Bar	Bar	m	Kg/m
1/8	3.2	6.2	1.15	314	1004	≥50	0.07
3/16	5.0	7.7	0.85	240	625	≥50	0.08
1/4	6.3	9.0	0.85	230	550	≥50	0.13
5/16	8.0	10.8	0.85	194	540	≥50	0.15
3/8	9.7	12.4	0.90	162	530	≥50	0.16
13/32	10.3	13.0	0.85	152	520	≥50	0.18
1/2	12.7	16.2	1.15	90	420	≥50	0.21
5/8	16.2	19.3	1.10	80	383	≥50	0.27
3/4	19.0	22.3	1.20	70	210	≥30	0.38
7/8	22.2	25.8	1.20	60	198	≥20	0.45
1	25.0	29.5	1.50	56	190	≥10	0.50

Convuluted PTFE Hose


Construction:

Tube: PTFE hose, for high and low temperature used, anti-corrosive, non-stick.

Cover: SUS304 stainless steel braided, higher the pressure resistance, all kinds of couplings can be available.

Temperature: constant use -50 °C ~ +210 °C , instant sue -70 °C ~ +260 °C

Application:

the hydraulic hose, pneumatic hose and steam hose of the industries of rubber, plastic, clothing, auto, engine bed, shipbuilding, electrical machinery, diesel alternate liquid, gas, and high corrosive medium compare to other hose, also have the longer life.

Inside Ø		Outside Ø mm	Thickness	Working Pressure	Burst Pressure	Bend Radius	Length
Inch	mm						
3/16	4.9~5.1	8.7	0.9~1	210	609	18	≥10
1/4	6.8~7.1	10.7	0.9~1	166	515	20	≥10
5/16	8.1~8.3	12.5	0.9~1	158	414	23	≥10
3/8	10.0~10.2	15.6	0.9~1	124	358	25	≥10
1/2	13.0~13.2	18.5	0.9~1	106	310	28	≥10
5/8	16.0~16.3	22.0	0.9~1	78	240	51	≥10
3/4	19.1~19.3	26.7	0.9~1	67	210	64	≥10
7/8	22.3	29.4	1.0~1.2	63	191	85	≥10
1	25.4~25.7	31.3	0.9~1	56	164	90	≥10

HYROTECH EX

SPECIAL HOSE SERIES



 海润天诚
HYROTECH

ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ
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Pressure Washer Hose


Construction:

Tube: water, hot water, detergent solutions resistant special synthetic rubber

Reinforcement: one or two high tensile steel wire braid

Cover: Oil, abrasion and weather resistant special synthetic rubber

Temperature: 100°C, up to 155°C

Application: For medium pressure cleaning

Item	Size		Inside Ø	Outside Ø	Working Pressure	Burst Pressure	Bend Radius	Length
	Inch	SAE Dash						
1 W	1/4	-4	6.4	13.4	250	1000	100	50
	5/16	-5	7.9	15.0	220	880	115	50
	3/8	-6	9.5	17.4	220	880	130	50
	1/2	-8	12.7	20.6	220	880	180	50
2 W	1/4	-4	6.4	15.0	400	1600	100	50
	5/16	-5	7.9	16.6	400	1600	115	50
	3/8	-6	9.5	19.0	400	1600	130	50
	1/2	-8	12.7	22.2	400	1600	180	50

Fuel Dispenser Hose


Construction:

Tube: oil, gasoline and diesel resistant smooth black nitrile hose

Reinforcement: one high tensile steel wire braid

Cover: flame, oil, fuel, abrasion, ozone and weather resistant synthetic rubber

Application: for all types of gasoline dispensing applications

Size		Inside Ø	Outside Ø	Anti-static	Working Pressure	Burst Pressure	Length
Inch	mm						
5/8	16	15.4~16.8	24.5±0.4	R< 1MΩ	20	80	15/25/50
3/4	19	18.5~19.9	29.0±0.4	R< 1MΩ	20	80	15/25/50
7/8	22	20.7~22.3	31.5±0.4	R< 1MΩ	20	80	15/25/50
1	25	24.9~26.3	36.0±0.4	R< 1MΩ	20	80	15/25/50

Wire Braided Steam Hose



Construction: Made of excellent heat-resistant rubber, the reinforcement is braided with copper facing wire.

Application: For conveying saturated steam and super heated water continually at a temperature below 160 °C or intermittently at a temperature below 170 °C .

W/B	Size		Outside Ø mm	Working Pressure		Burst Pressure		Bend Radius mm	Length m
	Inch	mm		Bar	Psi	Bar	Psi		
1W	10	3/8	21.5	17	255	50	720	130	20/50
	13	1/2	24.5	17	255	50	720	180	20/50
	16	5/8	27.5	17	255	50	720	205	20/50
	19	3/4	30.5	17	255	50	720	240	20/50
	22	7/8	33.5	17	255	50	720	280	20/50
	25	1	37.0	17	255	50	720	300	20/50
	32	1 1/4	44.0	17	255	50	720	420	20/40
	38	1 1/2	50.5	17	255	50	720	500	20/40
	45	1 3/4	57.5	17	255	50	720	500	20/40
	51	2	63.5	17	255	50	720	630	20/40
2W	10	3/8	23.0	20	300	60	860	130	20/50
	13	1/2	26.0	20	300	60	860	180	20/50
	16	5/8	29.0	20	300	60	860	205	20/50
	19	3/4	32.0	20	300	60	860	240	20/50
	22	7/8	35.0	20	300	60	860	280	20/50
	25	1	38.5	20	300	60	860	300	20/50
	32	1 1/4	45.5	20	300	60	860	420	20/40
	38	1 1/2	52.0	20	300	60	860	500	20/40
	45	1 3/4	59.0	20	300	60	860	500	20/40
	51	2	65.0	20	300	60	860	630	20/40
64	2 1/2	79.0	2.0	300	60	860	700	20/40	

Concrete Pump Hose


Construction:

Tube: NR/SBR/BR, black, smooth, anti-static, abrasion resistant

Reinforcement: Four layers high tensile steel cords

Cover: SBR, black, anti-static, fabric impression

Temperature : -40°C/+80°C

Application: Specially developed premium hose for conveying concrete using concrete pumps. Suitable for conveying highly abrasive medium such as concrete, cement and plaster. Long service life due to abrasion resistant tube. Flexible and easy to handle, with good kink resistance due to a special hose design. Suitable for reverse pumping, for easy cleaning.

Size		Outside Ø	Working Pressure		Burst Pressure		Bend Radius	Length
Inch	mm	mm	Bar	Psi	Bar	Psi	mm	m
2	51	68±1.5	85	1230	200	2900	200	2.8
2 1/2	64	85±1.5	85	1230	200	2900	250	4.0
3	76	102±1.5	85	1230	200	2900	270	6.0
3 1/2	89	116±1.5	85	1230	200	2900	290	7.5
4	102	130±1.75	85	1230	200	2900	300	9.2
4 1/2	115	143±2	85	1230	200	2900	320	10.5
5	127	158±2	85	1230	200	2900	360	11.7
6	152	186±2	85	1230	200	2900	570	17.0

Rotary Drilling Hose



Construction: It is composed of an inner rubber protection layer, middle rubber layer, steel wire spiral layer and external rubber cover.

Temperature: From -40 °C up to +100 °C

Application: Steel wire spiral drilling rubber hoses are used in oil fields, well cementing, well repairing, geological explorations, small drilling machine, and water conveyance at coal excavations. They are useful to carry slurry, water at environmental temperature, and other fluids.

Executive Standard: GB10544-2003, API Spec 7K, SY 5469.

Grade	Size		Outside Ø	Working Pressure	Burst Pressure	Weight	Bend Radius
	Inch	mm					
A	1 1/2	38	51	11(1500)	22(3000)	2.19	560
	2	51	65	11(1500)	22(3000)	3.03	900
	2 1/2	64	78	11(1500)	22(3000)	3.95	1200
B	1 1/2	38	52	14(2000)	28(4000)	2.39	560
	2	51	66	14(2000)	28(4000)	3.25	900
	2 1/2	64	79	14(2000)	28(4000)	4.37	1200
	3	76	98	14(2000)	28(4000)	7.76	1200
	3 1/2	89	113	14(2000)	28(4000)	9.95	1300
	4	102	127	14(2000)	28(4000)	12.43	1400
	5	127	153	14(2000)	28(4000)	15.25	1500
C	6	152	178	14(2000)	28(4000)	18.71	1600
	1 1/2	38	55	28(4000)	56(8000)	3.65	560
	2	51	69	28(4000)	56(8000)	5.15	900
	2 1/2	64	88	28(4000)	56(8000)	7.86	1200
	3	76	105	28(4000)	56(8000)	13.12	1200
	3 1/2	89	121	28(4000)	56(8000)	16.79	1300
	4	102	137	28(4000)	56(8000)	21.70	1400
D	5	127	164	28(4000)	56(8000)	28.46	1500
	6	152	197	28(4000)	56(8000)	44.64	1600
	2	51	73	35(5000)	70(10000)	6.46	900
	2 1/2	64	91	35(5000)	70(10000)	10.75	1200
	3	76	107	35(5000)	70(10000)	14.35	1200
	3 1/2	89	123	35(5000)	70(10000)	18.77	1300
	4	102	139	35(5000)	70(10000)	23.16	1400
E	5	127	171	35(5000)	70(10000)	38.00	1500
	6	152	200	35(5000)	70(10000)	48.43	1600
	2	51	80	52(7500)	104(15000)	10.37	1000
	2 1/2	64	101	52(7500)	104(15000)	17.88	1200
	3	76	120	52(7500)	104(15000)	24.45	1200
	3 1/2	89	135	52(7500)	104(15000)	29.33	1300
F	4	102	148	52(7500)	104(15000)	34.24	1400
	5	127	189	52(7500)	104(15000)	55.39	1500
	2	51	82	70(10000)	105(15000)	11.81	1000
	2 1/2	64	104	70(10000)	105(15000)	20.46	1300
	3	76	129	70(10000)	105(15000)	32.74	1300
G	3 1/2	89	144	70(10000)	105(15000)	39.43	1400
	4	102	158	70(10000)	105(15000)	45.73	1500
	2	51	92	105(15000)	157(22500)	17.37	1000

Flexible Metal Hose



Flexible metal tubing is a kind of flexible connecting pipe used in modern industrial piping. Since the major component are made of austenitic stainless steel the pipe is characterized by good flexibility, corrosion resistance, fatigue resistance, high and low temperature resistance (-200 C ~ 600 C), high pressure resistance and long service life. therefore, it is widely used in various industries

Application: Agriculture, construction work, parks and at home, for delivery of water and neutral liquids at normal temperature in industry, mining,

Feature: It is excellent in flexibility and aging resistance as well as light in weight

Helical Metal Flexible Hose

Size		Outside Ø mm		Bend Radius	Working Pressure	Weight Kg/m	
Inch	mm	Mian Body	Ingle Braid	Min.(mm)	Bar	Mian Body	Ingle Braid
1/4	6.3	9.0	10.5	150	64	0.06	0.15
5/16	7.9	10.9	12.5	160	64	0.08	0.18
3/8	10.8	15.2	16.8	180	50	0.13	0.28
1/2	13.4	18.5	20.0	240	40	0.17	0.35
5/8	16.0	21.5	23.0	300	35	0.20	0.40
3/4	19.1	25.6	27.2	340	30	0.24	0.50
1	25.4	32.6	34.2	400	25	0.38	0.75
1 1/4	32.9	40.6	42.2	480	25	0.48	0.96
1 1/2	39.3	47.6	50.2	600	25	0.50	1.00
2	50.8	61.5	63.5	780	25	0.88	1.75

Annular Metal Flexible Hose

Size		Outside Ø mm		Bend Radius	Working Pressure	Weight Kg/m	
Inch	mm	Mian Body	Ingle Braid	Min.(mm)	Bar	Mian Body	Ingle Braid
1/2	14	20	22	120	75	0.21	0.40
5/8	16	23	25	150	64	0.26	0.50
3/4	20	28	30	180	50	0.35	0.60
1	25	35	37	280	40	0.47	0.85
1 1/4	32	43	45	340	35	0.51	0.96
1 1/2	40	51	53	450	30	0.70	1.18
2	50	62	64	550	25	0.85	1.75
2 1/2	65	79	82	650	20	1.41	2.70
3	80	97	100	800	20	1.62	3.12
4	100	122	125	1000	16	2.00	3.70
5	125	151	155	1200	15	2.80	5.00
6	150	180	184	1500	15	3.80	6.60
7	175	210	215	1750	12	5.80	9.70
8	200	240	245	2000	12	6.70	12.00
10	250	298	303	2200	10	10.60	18.10
12	300	360	365	2500	10	17.10	31.40
14	350	410	415	3000	8	20.00	36.30
16	400	460	465	3500	6	22.80	41.10
18	450	520	525	4000			
20	500	570	575	4500			
24	600	670	675	5500			

HYROTECH EX

HOSE PROTECTION SERIES



ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ

Интернет: www.tisys.ru www.tisys.kz www.tisys.by www.tesec.ru www.ти-системс.рф

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Plastic Hose Guard



Technical Parameters:

- 1. Exterior surface:** Smoothly, No starving crack scuff and burr, No patency foaming and uneven, No inclusion.
- 2. Surface color:** Black, Red, Yellow, Blue.
- 3. Temperature resistance:** The sample cannot be cracked and deformation when put it in heat-box at 80 celsius.
- 4. Tensile Strength:** 25MPa at normal temperature, 30MPa at -40 celsius.
- 5. Impact Strength:** 35KJ/sqm at normal temperature, 5KJ/sqm at -40 celsius.
- 6. Impact Strength:** Not breakage.
- 7. Rockwell temperature(R):** 75.

Size	Hose OD	Thickness	Width	Weight	Length	MOQ
mm	mm	mm	mm	kg/m	m	m
8	8~9	1.1	7	0.02	2~50	500
10	10~11	1.1	10	0.03	2~50	500
12	12~13	1.1	12	0.04	2~50	500
14	14~15	1.5	13	0.05	2~50	500
16	16~17	1.5	15.5	0.06	2~50	500
18	18~19	1.8	16	0.07	2~50	500
20	20~21	1.8	16	0.08	2~50	500
21	21~24	1.8	22.5	0.09	2~50	500
25	25~27	2	22.5	0.11	2~50	500
28	28~29	2	23	0.14	2~50	500
30	30~31	2	23	0.15	2~50	500
32	32~34	2.2	23.5	0.16	2~10	500
35	35~37	2.2	24	0.18	2~10	500
38	38~42	2.5	28	0.20	2~10	100
42	42~45	2.5	28	0.23	2~10	100
45	45~49	2.5	28	0.25	2~10	100
50	50~59	3	28	0.35	2~10	100
60	60~73	3	28	0.47	2~10	100
74	74~79	3	46.5	0.68	2~10	100
80	80~87	4	48.5	0.80	2~10	100
88	88~99	4.5	50	0.85	2~10	100
100	100~130	4.5	57	0.95	2~10	100
130	130~150	4.5	50	1.50	2~10	100
150	150~200	4.5	50	2.05	2~10	100
200	200~250	5	50	3.00	2~10	100

Silicone Fire Sleeve



Feature: Fiberglass sleeve coated with silicone resin with process of thermal treatment and vulcanization is the non-alkali fiberglass braided sleeve coated with silicone resin. This sleeve possesses good qualities of dielectric, high temperature resistance, excellent elasticity and cold resistance.

Property:

Elasticity: No cracking detachment of coating shall be visible after 3 hours at 200 °C ±2 °C

Flame Resistance: Not less than 45 second/25mm

Breakdown Voltage KV: 16kv-18kv

Color: blue, red, black, gray

Temperature: withstands up to 260 °C and could be used for 15-20 minutes in 1090 °C

Application: Mainly used in steel plants, smelters, glass, and other places of high temperature insulation to protect the cables.

Size		Wall	Tolerance	Roll length	Ctn size	Carton	Weight	MOQ
mm	Inch	mm	mm	m	cm	m	Kg/roll	m
Φ6	1/4	1.5	±0.15	50	47*47*10	100	7.2	200
Φ8	5/16	1.5	±0.15	50	47*47*10	100	8.5	200
Φ10	3/8	2	±0.20	25	47*47*10	100	11.5	200
Φ11	7/16	2	±0.20	25	47*47*10	100	12	200
Φ13	1/2	2	±0.20	25	47*47*10	100	12.5	200
Φ15	5/8	2	±0.20	25	47*47*10	100	19	200
Φ19	3/4	2	±0.20	25	47*47*10	100	28	200
Φ22	7/8	2	±0.20	25	47*47*10	100	30	200
Φ25	1	2	±0.30	25	47*47*10	100	32.5	200
Φ29	1 1/8	2	±0.30	25	47*47*10	50	20.5	200
Φ32	1 1/4	2	±0.30	25	47*47*10	50	22	200
Φ35	1 3/8	3	±0.30	25	47*47*15	50	26.5	200
Φ38	1 1/2	3	±0.30	25	47*47*15	50	28	200
Φ40	1 3/5	3	±0.30	25	47*47*15	50	30.5	200
Φ41	1 5/8	3	±0.30	25	47*47*15	50	31	200
Φ45	1 3/4	3	±0.30	25	47*47*15	50	34.5	200
Φ48	1 7/8	3	±0.30	25	47*47*15	50	37	200
Φ51	2	3	±0.35	25	52*52*20	50	39	200
Φ55	2 1/5	3.5	±0.35	25	52*52*20	50	41.5	200
Φ57	2 1/4	3.5	±0.35	25	52*52*20	50	42	200
Φ60	2 3/8	3.5	±0.35	20	52*52*20	20	20	200
Φ64	2 1/2	3.5	±0.35	20	52*52*20	20	21.5	200
Φ65	2 3/5	3.5	±0.35	20	52*52*20	20	23	200
Φ70	2 3/4	3.5	±0.40	20	52*52*20	20	26	200
Φ76	3	4	±0.40	20	52*52*20	20	28	200
Φ80	3 1/5	4	±0.40	20	52*52*20	20	29.5	200
Φ83	3 1/4	4	±0.40	20	52*52*20	20	30	200
Φ85	3 3/8	4	±0.40	20	52*52*20	20	31	200
Φ89	3 1/2	4	±0.50	20	52*52*20	20	32.2	200
Φ90	3 9/16	4	±0.50	20	52*52*20	20	34	200
Φ95	3 3/4	4	±0.50	20	52*52*20	20	36	200
Φ102	4	5	±0.50	10	52*52*20	10	18.5	200
Φ110	4 1/3	5	±0.50	10	54*54*20	10	20	200
Φ114	4 1/2	5	±0.50	10	54*54*20	10	22	200
Φ120	4 4/5	5	±0.50	10	54*54*20	10	23	200
Φ127	5	5	±0.50	10	54*54*20	10	24	200

Ferrules



00110 00210 00400 00621 01400 03310 FERRULES

Metric hose fittings



10411 10611 10612 20211 20411 20441 20641
 20791 20511 20591 18611 28611 20511C 20591C

British hose fittings



12611-RW 22211 22611 22691 22141 22192 22241

American hose fittings



14211 15611-RW 16011 16711 21611 24291 26711D
 26711D-RW 26711-RW 26791 26791-K 26791-RW 27811-PO 27841

American hose fittings



27891



87311



87391



87643



87693



16712



21612

Reusable hose fittings



15618-RW
(NPT MALE)



22618D-RW



26798D-RW



27818D-RW



15618-RW



27818D-RW



26718D-RW

Jis fittings



88111



88141



88191



29641



28691



28611



18611

Adapter



1C



1CT9



1E9



2B9



4T



4B-WD



9E

Hydraulic Quick Coupling

