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生产设备与检测

PRODUCTION EQUIPMENT AND TESTING



高压钢丝编织胶管

High pressure steel wire braided rubber tube

结构: 胶管由内胶层、一层或两层钢丝编织层和外胶层组成。

用途: 适于输送液压流体如醇、液压油、燃油、润滑油、乳化液、等等。

工作温度: -40° C+100° C

STRUCTURE: the rubber tube is composed of inner rubber layer, one or two layers of steel wire braid layer and outer rubber layer.

APPLICATION: suitable for conveying hydraulic fluid such as alcohol, hydraulic oil, fuel oil, lubricating oil Emulsions, etc.

OPERATING TEMPERATURE: -40°C+100°C.



SAE100R1A/1AT

名义直径		内径		增强层直径		A型外径		AT型外径	工作压力	试验压力	爆破压力	最小弯曲半径	参考重量
Nominal diameter		Internal diameter		Reinforcement diameter		A outer diameter		AT outer diameter	Working pressure	Test pressure	Burst pressure	Minimum bending radius	Reference weight
in	Inch	Min	Max	Min	Max	Min	Max	Max	MPa	MPa	MPa	mm	Kg/m
5	3/16	4.6	5.4	8.9	10.1	11.9	13.5	12.5	21	42	84	90	0.22
6.3	1/4	6.2	7.0	10.6	11.7	15.1	16.7	14.1	19.2	8.4	76.8	100	0.31
8	5/16	7.7	8.5	12.1	13.3	16.9	18.3	15.7	17.5	35	35	115	0.38
10	3/8	9.3	10.1	14.5	15.7	19.0	20.6	18.1	15.7	31.4	31.4	125	0.45
12.5	1/2	12.3	13.5	17.5	19.0	22.2	23.8	21.5	14	28	28	180	0.55
16	5/8	15.5	16.7	20.6	22.2	25.4	27.0	24.7	10.5	21	21	205	0.63
19	3/4	18.6	19.8	24.6	26.2	29.4	31.0	28.6	87	17.4	17.4	240	0.77
25	1	25.0	26.4	32.5	34.1	36.9	39.3	36.6	7	14	14	300	1.06
31.5	1 1/4	31.4	33.0	39.3	41.7	44.4	47.6	44.8	4.3	8.6	8.6	410	1.45
38	1 1/2	37.7	39.3	45.6	48.0	50.8	54.0	52	3.5	7	7	500	1.80
51	2	50.4	52.0	58.7	61.9	65.1	68.3	65.9	2.6	5.2	5.2	630	2.30

SAE100R2 A/2AT

名义直径		内径		增强层直径		A型外径		AT型外径	工作压力	试验压力	爆破压力	最小弯曲半径	参考重量
Nominal diameter		Internal diameter		Reinforcement diameter		A outer diameter		AT outer diameter	Working pressure	Test pressure	Burst pressure	Minimum bending radius	Reference weight
in	Inch	Min	Max	Min	Max	Min	Max	Max	MPa	MPa	MPa	mm	Kg/m
5	3/16	4.6	5.4	10.6	11.7	15.1	16.7	14.1	35	70	140	90	0.37
6.3	1/4	6.2	7.0	12.1	13.3	16.7	18.3	15.7	35	70	140	100	0.42
8	5/16	7.7	8.5	13.7	14.9	18.3	19.8	17.3	29.7	59.4	118.8	115	0.51
10	3/8	9.3	10.1	16.1	17.3	20.6	22.2	19.7	28	56	112	125	0.60
12.5	1/2	12.3	13.5	19.0	20.6	23.8	25.4	23.1	24.5	49	98	180	0.74
16	5/8	15.5	16.7	22.2	23.8	27.0	28.6	26.3	19.2	38.4	76.8	205	0.86
19	3/4	18.6	19.8	26.2	27.8	31.0	32.5	30.2	15.7	31.4	62.8	240	1.04
25	1	25.0	26.4	34.1	35.7	38.5	40.9	38.9	14	28	56	300	1.42
31.5	1 1/4	31.4	33.0	43.2	45.6	49.2	52.4	49.6	11.3	22.6	45.2	420	2.23
38	1 1/2	37.7	39.3	49.6	52.0	55.6	58.7	56.0	8.7	17.4	34.8	500	2.74
51	2	50.4	52.0	62.3	64.7	68.3	71.4	68.6	7.8	15.6	31.2	630	3.50
63		63.1	65.1	74.6	77.8	80.9	84.1	65.9	7	14	28	630	3.50

高压钢丝编织胶管

High pressure steel wire braided rubber tube



结 构: 胶管由内胶层、三层钢丝编织层和外胶层组成.

应 用: 适于输送液压流体如醇、液压油、燃油、润滑油、乳化液等等。

工作温度: -40° C+100°C

STRUCTURE: the rubber tube is composed of inner rubber layer, three layers of steel wire braid layer and outer rubber layer.

APPLICATION: suitable for conveying hydraulic fluid such as alcohol, hydraulic oil, fuel oil, lubricating oil Emulsions etc.

OPERATING TEMPERATURE: -40°C+100°C.

执行标准: GB/T3683.1-2006 EXECUTIVE STANDARD: GB/T3683.1-2006

软管规格 Hose specification	内径 Internal diameter mm	钢丝层直径 Wire layer diameter mm	外径 External diameter mm	工作压力 Working pressure MPa		试验压力 Test pressure MPa		爆破压力 Burst pressure MPa		最小弯曲半径 Minimum bending radius mm	参考重量 Reference weight kg/m
				MPa	Psi	MPa	Psi	MPa	Psi		
3-5-72	5±0.5	13.2±0.6	17 ±0.8	72	10433	108	15649	180	26082	120	0.50
3-6-68	6±0.5	15.0±0.6	19±1.0	68	9853	102	14780	170	24633	140	0.56
3-8-54	8±0.5	17.5±0.6	22±1.0	54	7825	81	11737	120	17388	160	0.83
3-10-44	10 ±0.5	19.5±0.6	24±1.0	44	6376	66	9563	110	15939	180	0.95
3-13-36	13±0.5	23.5±0.8	28±1.2	36	4637	48	6955	96	13910	240	1.22
3-16-32	16±0.5	26.5±0.8	31±1.2	32	3333	34.5	4999	69	9998	300	1.30
3-19-28	19±0.5	29.5±0.8	34±1.2	28	2898	30	4347	60	8694	330	1.62
3-22-26	22±0.5	32.5±0.8	31±1.2	26	2608	27	3912	54	7825	380	1.81
3-25-24	25±0.5	36.0±0.8	41±1.0	24	2318	24	3478	48	6955	400	1.99
3-32-13	32±0.5	43.0±0.8	48±1.0	13	1884	19.5	2826	39	5651	400	1.99
3-38-12	38±0.7	49.0±0.8	54±1.0	12	1789	18	2608	36	5216	400	1.99
3-51-10	51±1	62.0±0.8	67±1.5	10	1449	15	2174	30	4347	630	3.96
3-64-6	64±1	75.0±0.8	80±1.5	6	895	9	1304	18	2608	790	4.72
3-76-5	76±1	88.0±0.8	92±1.5	5	725	7.5	1087	15	2174	960	5.69
3-89-4	89±1	101.0±0.8	107±1.5	4	580	6	895	12	1789	1100	6.8
3-102-3.5	102±1	114.0±0.8	120±1.5	3.5	507	5.25	761	10.5	1521	1280	7.34
3-127-3	127±1	139±1	145±1.5	3	435	4.5	652	9	1304	1560	8.45

高压钢丝缠绕胶管

Highpressure steel wire wound rubber hose



结 构： 胶管由内胶层、六层钢丝缠绕层和外胶层组成。

用 途： 适于输送液压流体如醇、液压油、燃油、润滑油、乳化液等等。

工作温度： -40°C-+120°C

STRUCTURE: the rubber tube is composed of inner rubber layer ,six layers of steel wire winding layer and outer rubber layer.

APPLICATION: suitable for conveying hydraulic fluid such as alcohol,hydraulic oil,fuel oil and lubrication Oil,emulsion,etc.

OPERATING TEMPERATURE: -40°C-+120°C.

执行标准: GB/T10544-2003 EXECUTIV STANDARD:GB/T10544-2003

软管规格 Hose specification	内径 Internal diameter mm	钢丝层直径 Wire layer diameter mm	外径 External diameter mm	工作压力 Working pressure		试验压力 Test pressure		爆破压力 Burst pressure		最小弯曲半径 Minimum bending radius mm	参考重量 Reference weight Kg/m
				MPa		MPa		MPa			
				MPa	Psi	MPa	Psi	MPa	Psi		
6sp-6-110	6±0.5	16.6±0.8	20.6±1.0	110	15939	220	31876	440	63756	180	0.95
6sp-10-77	10±0.5	21.8±0.8	25.8±1.0	77	11157	154	22314	308	44628	210	1.48
6sp-13-66	13±0.5	24.8±0.8	28.8±1.0	66	9563	132	19126	264	38252	260	1.75
6sp-16-61	16±0.5	29.0±0.8	33.0±1.0	61	8839	122	17678	244	35356	310	2.02
6sp-19-60	19±0.5	33.0±0.8	37.0±1.5	60	7390	102	14780	204	29560	350	2.49
6sp-25-50	25±0.8	39.0±0.8	44.0±1.5	50	5651	78	11302	156	22604	430	2.82
6sp-32-45	32 ±0.8	47.0±0.8	50.4±1.5	45	5072	70	10144	140	20288	530	3.79
6sp-38-45	38±1.0	54.2±1.0	57.6±1.5	45	4057	56	8114	112	16228	660	5.76
6sp-51-45	51±1.0	67.2±1.0	70.6±1.5	45	3188	44	6376	88	12752	820	7.13

高压钢丝缠绕胶管

Highpressure steel wire wound rubber hose

结 构: 胶管由内胶层、四层钢丝缠绕层和外胶层组成。

用 途: 适于输送液压流体如醇、液压油、燃油、润滑油、乳化液等等。

工作温度: -40°C-+120°C

STRUCTURE: the rubber tube consists of inner rubber layer ,four layers of steel wire winding layer and outer rubber layer.

APPLICATION: suitable for conveying hydraulic fluid such as alcohol,hydraulic oil,fuel oil and lubricating oil Emulsions,etc.

OPERATING TEMPERATURE: -40°C-+120°C.



执行标准: GB/T10544-2003 EXECUTIV STANDARD:GB/T10544-2003

软管规格 Hose specification	内径 Internal diameter mm	钢丝层直径 Wire layer diameter mm	外径 External diameter mm	工作压力 Working pressure MPa		爆破压力 Burst pressure MPa		最小弯曲半径 Minimum bending radius mm	参考重量 Reference weight kg/m
				MPa	Psi	MPa	Psi		
4sp-6-100	6±0.5	14.4±0.8	19±1.0	100	14490	210	30429	130	0.65
4sp-8-80	8±0.5	16.4±0.8	20.5±1.0	80	11592	210	30429	145	0.85
4sp-10-40	10±0.5	19.2±0.8	24±1.0	70	10143	210	30429	160	1.03
4sp-13-60	13±0.5	22.2±0.8	27±1.0	60	8694	180	26082	410	1.21
4sp-16-55	16±0.5	26±0.8	30±1.0	55	7970	165	23909	260	1.72
4sp-19-46	19±0.5	30±0.8	35±1.5	46	6665	140	20286	280	2.08
2sp-19-28	19±0.5	27±0.8	31±1.0	28	4057	84	12172	280	1.32
4sp-22-40	22±0.8	33±0.8	37±1.5	40	5796	120	17388	320	2.39
4sp-25-35	25±0.8	36±0.8	41±1.5	35	5072	112	16299	360	2.51
2sp-25-21	25±0.8	33±0.8	38±1.5	21	3043	64	9274	360	1.64
4sp-32-32	32±0.8	44±0.8	49±1.5	32	4667	96	13910	460	3.12
2sp-32-20	32±0.8	41±0.8	46±1.5	20	2898	60	8694	460	2.14
4sp-38-25	38±1.0	50.8±1	56±1.5	25	3623	75	10868	560	4.31
4sp-45-23	45±1.0	57.8±1	61.8±1.5	23	3333	69	9998	650	4.87
4sp-51-20	51±1.0	63.8±1	69±1.5	20	2898	60	8694	720	5.40
2sp-51-14	51±1.0	60.8±1	65±1.5	14	2039	52	7535	720	3.42

钢丝缠绕钻探胶管

Steel wire wound drilling hose



结构: 由内胶层、内胶保护层、中胶层、钢丝缠绕层和外胶层组成。

用途: 钢丝缠绕钻探胶管用于油田固井、修井及石油地质勘探、小型钻机和水利采煤，输送泥浆及常温水等流体介质。

STRUCTURE: composed of inner rubber layer, inner rubber protective layer, middle rubber layer, steel wire winding layer and outer rubber layer.

APPLICATION: steel wire wound drilling hose is used for well cementation, workover and petroleum geological exploration

Small drilling rig and water conservancy coal mining, transport mud and normal temperature water and other fluid media.

执行标准: GB/T10544-2003 EXECUTIVE STANDARD: GB/T10544-2003

软管规格 Hose specification	内径 Internal diameter mm	钢丝层直径 Wire layer diameter mm	外径 External diameter mm	工作压力 Working pressure MPa Psi		试验压力 Test pressure MPa Psi		爆破压力 Burst pressure MPa Psi		最小弯曲半径 Minimum bending radius mm	参考重量 Reference weight Kg/m
				MPa	Psi	MPa	Psi	MPa	Psi		
4sp-51-35	51±1.0	63.8±1.0	69±1.5	35	5072	70	10143	87.5	12679	900	5.7
4sp-64-35	64±1.2	77±1.0	84±1.5	35	5072	70	10143	87.5	2679	1100	6.7
4sp-76-35	76±1.4	101±1.5	107±2.0	35	5072	70	10143	87.5	12679	1200	16.2
4sp-89-35	89±1.4	89±1.4	120±2.0	35	5072	70	10143	87.5	12679	1300	18.4
4sp-102-35	102±1.5	102±1.5	133±2.0	35	5072	70	10143	87.5	12679	1400	20.3
6sp-51-50	51±1.0	66±1.0	72±1.5	50	7250	100	14500	175	18150	1000	6.2
6sp-64-45	64±1.2	81±1.0	88±1.5	45	6500	90	13000	112.5	16250	1200	7.4
6sp-76-70	76±1.4	109±1.5	116±2.0	70	10150	140	20300	175	25400	1300	23.7
6sp-89-70	89±1.4	129±1.5	135±2.0	70	10150	140	20300	175	25400	1400	26.6
4sp-102-70	102±1.5	142±1.5	148±2.0	70	10150	140	20300	175	25400	1600	29.8

煤层注水封孔器

Coal seam water injection hole sealer



1. Purpose

Used for coal seam water injection, dust suppression, pressure reduction, coal fracturing, and gas discharge.

2. Functions

Allows water to penetrate the coal seam, releasing part of the gas and effectively reducing the gas content in the coal body.

After effective water injection, it can reduce dust by more than 80%, improving the working environment and preventing dust explosion accidents.

Moistens the coal seam to prevent spontaneous combustion.

High-pressure water injection breaks the coal, reduces the use of explosive materials, lowers production costs, and enhances worker safety.

By using the borehole sealing device to break coal, it effectively prevents coal and gas outbursts or explosions.

3. Structure

The borehole sealing device consists of a high-pressure rubber expansion hose, safety valve, and quick coupling.

4. Technical Parameters

Sealing diameter: 30 - 120 mm (customizable upon request)

Working pressure: up to 10 - 20 MPa (customizable upon request)

Safety valve activation pressure: 0.4 - 0.5 MPa

Working flow rate: 4 - 4.5 tons of water per hour

Sealing depth: 0.5 - 8 m

Hose expansion ratio: 60% - 100%

Type	Inner Diameter (mm)	Outer Diameter (mm)	Free State Expansion Range (mm)	Applicable Aperture (mm)	Free State Working Pressure (MPa)	Pressure Strength in Working State (MPa)	
						Test Pressure	Burst Pressure
ZF增强-19	19±0.5	40±2	60	45	20	30	40
ZF增强-22	22±0.5	48±2	80	50	20	30	40
ZF II-22	22±0.5	39±2	80	50	6	12	24
ZF II-32	32±0.5	50±2	90	60	6	12	24
ZF II-38	38±0.5	55±2	95	65	5	10	20
ZF II-45	45±0.5	63±2	100	75	4	8	16
ZF II-51	51±0.5	70±2	110	90	4	8	16

瓦斯抽放封孔器-CWS II

Gas drainage hole sealer-cws II



1. Purpose

Used for coal seam water injection and gas extraction.

2. Structure

The borehole sealing device consists of a high-pressure rubber expansion hose, central steel pipe, sliding sealing joint, and injection pressure joint.

3. Technical Parameters

Sealing diameter: 65 - 150 mm (customizable upon request)

Working pressure: 1 - 6 MPa (customizable upon request)

Working flow rate: 5 - 8 tons of water per hour; gas extraction volume depends on gas concentration and pressure

Sealing depth: 0.5 - 3 m

Hose expansion ratio: 60% - 100%

Type	Inner Diameter (mm)	Outer Diameter (mm)	Free State Expansion Range (mm)	Applicable Aperture (mm)	Free State Working Pressure (MPa)	Pressure Strength in Working State (MPa)	
						Test Pressure	Burst Pressure
CWS I-38	38±0.5	55±2	95	65	5	10	20
CWS I-45	45±0.5	63±2	100	75	4	8	16
CWS II-51	51±0.5	70±2	110	90	4	8	16
CWS II-64	64±0.5	83±2	120	100	3	6	12
CWSI-76	76±0.5	94±2	130	110	3	6	12
CWS增强-89	89±1.0	116±2	150	130	6	12	18
CWS增强-102	102±1.0	129±2	160 ⁻²¹⁻	150	6	12	18

阻燃耐火胶管

Fire resistant rubber tube



结构: 以高压钢丝缠绕胶管为基体, 外皮包覆耐火涂料层、钢丝编织层和阻燃层构成。

用途: 油田井控作业、金属冶炼及化工行业等有热源或热辐射源的高温环境条件。

STRUCTURE: the high-pressure steel wire wound rubber tube is used as the matrix and the outer skin is covered with fire-resistant coating layer, steel wire braiding layer and flame-retardant layer.

APPLICATION: high temperature environment with heat source or radiation source in oil field well control operation, metal smelting and chemical industry.

软管规格 Hose specification	内径 Internal diameter mm	钢丝层直径 Wire layer diameter mm	外径 External diameter mm	工作压力 Working pressure MPa		试验压力 Test pressure MPa		爆破压力 Burst pressure MPa		最小弯曲半径 Minimum bending radius mm	耐火温度 Refractory temperature °C
				MPa	Psi	MPa	Psi	MPa	Psi		
φ 13(1/2")	13±0.5	22.2±0.8	44±1.0	43	6231	64.5	9346	86	1246	230	750
Φ 16(5/8")	16±0.5	26±0.8	47±1.5	38	5506	57	8259	76	11012	260	750
φ 19(3/4")	19±0.5	30±0.8	52±1.5	34.5	4999	51.75	7499	69	9998	300	750
①25(1")	25±0.8	36±0.8	59±1.5	27.5	3985	41.25	5977	55	7970	360	750
φ 32(1 1/4")	32±0.8	44±0.8	69±2.0	20.5	2970	30.75	4456	41	5941	470	750
①38(1 1/2")	38±1.0	50.8±1.0	76±2.0	17	2463	25.5	3695	34	4907	570	750
φ 51(2")	51±1.0	63.8±1.0	91±2.0	17	2463	25.5	3695	34	4927	740	750

海洋高压输油胶管

Marine high pressure oil delivery hose



结构： 由钢丝缠绕骨架层和内外耐油、耐腐蚀合成橡胶组成。

用途： 用于海底天然气、石油等介质的输送。

STRUCTURE: it is composed of steel wire winding framework layer and oil and corrosion resistant synthetic rubber inside and outside.

USE: for the transportation of natural gas, oil and other media on the sea floor.

执行标准： GB/T10544-2003 **EXECUTIVE STANDARD:** GB/T10544-2003

软管规格 Hose specification	内径 Internal diameter mm	钢丝层直径 Wire layer diameter mm	外径 External diameter mm	工作压力 Working pressure		试验压力 Test pressure		爆破压力 Burst pressure		最小弯曲半径 Minimum bending radius mm	参考重量 Reference weight Kg/m
				MPa	Psi	MPa	Psi	MPa	Psi		
2sp-152-15	152±2.0	173±3.0	179±4.0	15	2150	30	4300	37.5	5425	2280	18
2sp-203-15	203±2.0	223±3.0	230±4.0	15	2150	30	4300	37.5	5425	3050	24
2sp-254-10	254±2.0	275±3.0	282±4.0	10	1450	20	2890	25	3625	3810	30
2sp-305-8	305±2.0	330±3.0	338±4.0	8	1159	16	2318	24	3477	4510	36
4sp-152-25	152±2.0	184±3.0	192±4.0	25	3625	50	7250	62.5	9050	2580	24
4sp-203-20	203±2.0	236±3.0	243±4.0	20	2890	40	5780	50	7225	3350	31
4sp-254-16	254±2.0	285±3.0	292±4.0	16	2318	32	4636	48	6955	4110	39
4sp-305-16	305±2.0	341±3.0	350±4.0	16	2318	32	4636	48	6955	4810	47

大口径吸排泥胶管

Large diameter suction and discharge hose



名称 Name	公称内径 Nominal diameter D mm	内胶层厚度t2(参考值) Inner rubber thickness t2 (reference value) mm	法兰盘外径D Flange outer diameter Di mm	法兰盘外径t Flange outer diameter T1 mm	接头螺纹厚度t(参考值) Joint thread thickness t (reference value) mm	螺 孔 S e r e w			
						中心圆直径 Center circle diameter mm	个 数 Number n	直 径 Diameter mm	
200	205±3	10	320±3	12±2	6	280±1.0	8	23±1	
250	254±3		385±3			345±1.0	12		
300	305±5		430±3			390±1.0			
350	338±5		480±3	435±1.0					
400	388±5		540±3	495±1.0		16			
510	510±5	710±3	650±1.0	18					
560	560±5	15	765±3	19±2	9	690±1.0	20		25±1
610	610±5		814±3			750±1.0			
630	630±5		834±3			765±1.0	24		
660	660±5		8703			780±1.0			
700	700±5		905±3			840±1.0			
710	710±5	20	930±3	28±2	860±1.0	27±1			
760	760±5		990±3	900±1.0	30±1				
800	800±5	25	1050 ±3	32±2	12	970±1.0	32	30±1	
840	840±5		1090±3			1010±1.0			
860	860±5		1090±3			1010±1.0			

矿用瓦斯抽放管

Mine gas drainage pipe

规格 Specifications	1.2mm、	1.5mm	1.8mm	2.0mm
中200×4000mm	●	●	★	
φ250×4000mm	●	●	★	
中300×4000mm	◆	●	●	
φ400×4000mm	◆		●	●
中500×4000mm	◆			●

注：●表示常用 ★表示可选用 ◆表示不用
 Note: ●= "common Parameter" ★= "Optional Parameter" ◆= "Non Applicable"

钢丝编织液化气胶管

Steel wire woven LPG hose

用途：主压缩空气设备活动配管，广泛应用于空压机、充气泵等设备输送空压动力。

内层：高耐老化、气密性佳之合成橡胶。

外编织层：高强度、低收缩的纤维，表面为黑色。

产品特点：剪开线不会松散，极易安装，编织增强抗压力高。

适用温度：-40°C~+110°C。

软管密度：1.3 g/cm³。

软管硬度：70±5度。



APPLICATION: main compressed air equipment movable piping,widely used in air compressor,air pump and other equipment to transport air pressure power.

INNER LAYER: synthetic rubber with high aging resistance and good air tightness.

OUTER BRAID: high strength,low shrinkage fiber with black surface.

PRODUCT FEATURES: cut thread will not be loose,easy to install,woven to enhance high pressure resistance.

APPLICABLE TEMPERATURE: -40°C~+110°C.

HOSE DENSITY: 1.3g/cm³.

HOSE HARDNESS: 70±5 degrees

Size and Parameter:

软管尺寸 (mm) Hose size (mm)		工作压力 Working pressure		爆破压力 Burst pressure	
1. D(内径)	0. D(内径)	PSI	BAR	PSI	BAR
3.2	7.0	300	20	1100	80
3.5	7.5	300	20	1100	80
4.0	9.0	300	20	1100	80
4.5	9.5	300	20	1100	80
5.0	10.0	300	20	1100	80
6.0	11.0	300	20	1100	80
7.0	12.0	300	20	1100	80
7.5	12.5	300	20	1100	80
8.0	13.0	300	20	1100	80
9.0	14.0	300	20	1100	80
10.0	15.0	300	20	1100	80
14.0	18.0	300	20	1100	80
14.0	20.0	300	20	1100	80

钢丝编织蒸汽胶管

Steel wire braided steam hose



Category:

Type I: Outer rubber layer is non-oil-resistant.

Type II: Outer rubber layer is oil-resistant.

Model Specifications:

- **Type 1:** Designed for a maximum working steam pressure of **0.3 MPa (3 bar)**, corresponding to a steam temperature of **144 °C**.
- **Type 2:** Designed for a maximum working steam pressure of **0.6 MPa (6 bar)**, corresponding to a steam temperature of **165 °C**.
- **Type 3:** Designed for a maximum working steam pressure of **1.0 MPa (10 bar)**, corresponding to a steam temperature of **184 °C**.
- **Type 4:** Designed for a maximum working steam pressure of **1.6 MPa (16 bar)**, corresponding to a steam temperature of **204 °C**.
- **Type 5:** Designed for a maximum working steam pressure of **2.5 MPa (25 bar)**, corresponding to a steam temperature of **214 °C**.

公称内径 Nominal diameter (mm)	极限偏差 Limit deviation (mm)	最大工作压力(MPa) Maximum working pressure(MPA)					最小爆破力(MPa) Minimum bursting force(MPA)					安全系数 security coefficient	最小弯曲半径(mm) Minimum bending radius(mm)					对应整齐温度(°C) Corresponding neat temperature(°C)				
		1型	2型	3型	4型	5型	1型	2型	3型	4型	5型		1型	2型	3型	4型	5型	1型	2型	3型	4型	5型
12.5	±0.75	0.30	0.6	1.6	2.5	3	6	10	16	25	10	80	80	18	01	80	80	44	165	184	204	210
16	±0.75	0.3	0.6	1	1.6	2.5	3	6	10	16	25	10	100	00	200	200	200	144	165	84	204	210
19	±0.75	0.3	0.6	1	1.6	2.5	3	6	10	16	25	10	135	135	240	240	240	144	165	184	204	210
20	±0.75	0.3	0.6	1	1.6	2.5	3	6	10	16	25	10	135	135	240	240	240	144	165	184	204	210
25	±1.25	0.3	0.6	1	1.6	2.5	3	6	10	16	25	10	170	70	300	300	300	144	165	184	204	210
31.5	±1.25	0.3	0.6	1	1.6	2.5	3	6	10	16	25	10	240	240	400	400	400	144	165	184	204	210

耐磨喷砂胶管

Abrasion resistant sandblasting hose

Product Features

Inner Rubber Layer:

Made primarily from polyurethane and butyl rubber, with added special reinforcing agents. The finished inner rubber is yellow and transparent, featuring high wear resistance, high toughness, and high pressure resistance. Its wear resistance index is 2–3 times that of ordinary sandblasting hoses.

Reinforcement Layer:

Cloth-Reinforced Sandblasting Hose: Uses high-quality friction-resistant fabric as the reinforcement layer, providing excellent flexibility and strong pressure-bearing capacity.

Steel-Wire Braided Sandblasting Hose: Uses specially copper-plated steel wire designed for rubber hoses. Its working pressure capacity is 3–4 times that of fabric-reinforced hoses, offering superior pressure resistance and outstanding flexural performance.

Scope of Application

The product is mainly used in various tunnel projects, mine shafts, caverns, and slope anchoring and spraying operations, and is widely applied in hydropower, mining, and military engineering fields.



1.The specified size and deviation of rubber hose shall meet the requirements in the following table

Inner Diameter (mm)		Rubber Layer Thickness (mm)		Length (mm)	
Nominal Size	Tolerance	Inner	Outer	Nominal size	Tolerance
25	0.5	5.5	0.8	20	0.2
32					
38					
51	0.75	5.5	0.8	20	0.2
64					

2. Technical Requirements:

◆ Operating Temperature: -20°C to $+45^{\circ}\text{C}$

Maximum Working Pressure: 0.63 MPa

◆ Test Pressure: $2 \times$ Working Pressure

Burst Pressure: Not less than $4 \times$ Maximum Working Pressure

◆ Physical and Mechanical Properties: Must comply with the specifications listed in the following table.

Test Items		Inner	Outer
Tensile Strength (MPa) — Not less than		9.8	5.8
Elongation at Break (%)		350	320
Change Rate of Tensile Strength after Aging (%)		±25	
Hot Air Aging 70°C/72h	Change Rate of Tensile Strength after Aging (%)	±25	
	Change Rate of Elongation at Break after Aging (%)	+10、-30	
Abrasion Loss (cm ³) - 27 - —		0.3	
Adhesion Strength Between Layers (kN/m)		2.0	

低压胶管系列

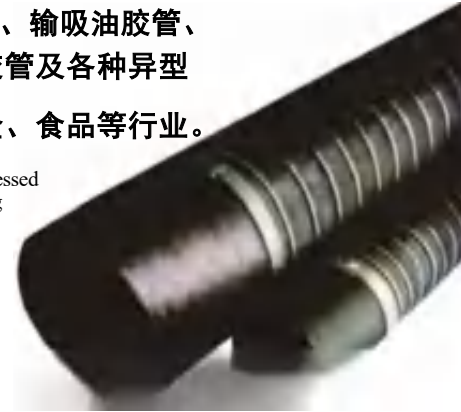
Low pressure hose series

产品包括输水胶管、压缩空气用胶管、输吸油胶管、蒸汽胶管、喷砂胶管、食品胶管、吹氧胶管及各种异型管等，广泛用于机械、化工、石油、冶金、食品等行业。

Products include water delivery hose, compressed air hose, oil delivery hose, Steam hose, sand blasting hose, food hose, oxygen blowing hose and various shapes. It is widely used in machinery, chemical industry, petroleum, metallurgy, food and other industries.

特种性能胶管 Special performance hose

产品名称 Name	内径 (mm) Internal diameter	性能及用途 Performance and purpose	备注 Remarks
输水胶管 Water delivery hose	10-25	输送60℃以下的生活用水、工业用水的橡胶软管。 Rubber hose for conveying domestic water and industrial water below 60℃.	
压缩空气用胶管 For compressed air Rubber hose	6-25	工业温度在-20℃~+45℃输送工作压力在2.5MPa以下的工业用压缩空气采矿和建筑工程用压缩空气。 Industrial use with the working pressure below 2.5MPa when the industrial temperature is -20℃~+45℃ Compressed air for mining and construction.	
蒸汽胶管 Steam hose	6-76	输送170℃以下的饱和蒸汽或过热水，工作压力为蒸汽0.35MPa，热水0.8MPa。 Deliver saturated steam or superheated water below 170℃, with working pressure of 0.35Mpa, Hot water 0.8Mpa.	
输吸油胶管 Oil delivery hose	6-152	常温下吸送汽油、机油、润滑油及其它矿物油。工作压力为0.5-1.2MPa Suction and delivery of gasoline, engine oil, lubricating oil and other mineral oil under normal temperature. Working pressure 0.5-1.2MPa.	也可采用外铠装结构 The outer armored structure can also be used
输吸食品胶管 Food delivery hose	16-152	吸引奶类、酒类、食用油类及液体饮料。工作压力为0.2-0.8MPa。 Attract milk, alcohol, edible oil and liquid drinks. The working pressure is 0.2-0.8mpa.	
输酸、碱胶管 Acid and alkali delivery hose	19-203	常温下输送稀酸、碱溶液。工作压力为0.5-0.7MPa。 Transport dilute acid and alkali solution at room temperature. The working pressure is 0.5-0.7mpa.	输送浓酸时内胶层可采用丁基胶，布层可采用玻璃纤维。When delivering concentrated acid, butyl rubber can be used as inner rubber layer, The cloth layer can be glass fiber.
耐磨喷砂胶管 Abrasion resistant sandblasting hose	19-76	风压喷砂用软管。工作压力为0.6MPa。 Hose for air pressure sand blasting. The working pressure is 0.6MPa.	水泥罐车用管也可按此生产 Pipes for cement tank cars can also be produced according to this
水箱弯管 Tank bend	25-102	机车水箱输水用 For locomotive water tank.	
尼龙线缠绕吹氧胶管 Nylon filament winding Oxygen blowing hose	51-127	纯氧顶吹转炉用挠性连接管。工作压力为1.5MPa，也可采用钢丝编织扣压式，工作压力为可达8MPa。 The working pressure of the flexible connecting pipe for the top blown converter is 1.5MPa, It can also be made of steel wire braided buckle with working pressure up to 8MPa.	两端硫化金属法兰，外有石棉保护层 Vulcanized metal flange at both ends, asbestos outside Protective layer
排(吸)泥胶管 Mud discharge (suction) hose	196-900	挖泥船排(吸)泥沙用，工作压力为0.4-0.5MPa。 The working pressure of the dredger is 0.4-0.5mpa.	根据设计需要可带有法兰接头 Flange joint can be provided according to design requirements
制孔胶管 Hole making hose	25.32, 40	桥梁公路等工程建筑制孔用，承受拉力为1.5-2.30kg/根。 It is used for hole making of bridge, highway and other engineering buildings, with a tensile force of 1.5-2.30kg/piece.	外层胶具有良好的撕拉性能 The outer layer adhesive has good tearing and pulling properties



夹布胶管

Cloth hose

特点： 满足中型到重型工程应用。具有一定强度。
但不失柔韧性，使用寿命长，易操作。

FEATURES: suitable for medium to heavy engineering applications It has certain strength. But not lose flexibility, long service life, easy to operate.



内 胶： 黑色，丁苯橡胶合成；
增强层： 帘子线或加钢丝增张；

外 胶： 黑色，布纹面，丁苯合成橡胶，耐天候耐紫外线；
温度范围： -20%~+80℃

安全系数： 3:1

INNER RUBBER: BLACK, STYRENE BUTADIENE RUBBER SYNTHESIS;

REINFORCING LAYER: CORD OR STEEL WIRE;

EXTERNAL RUBBER: BLACK, CLOTH SURFACE, SBR, WEATHER RESISTANT AND UV RESISTANT;

TEMPERATURE RANGE: -20%~+80 °C

SAFETY FACTOR: 3:1

参考标准: GB118692

REFERENCE STANDARD: gb118692



内径		外径		工作压力		爆破压力		弯曲半径		重量		长度	
Internal diameter		External diameter		Working pressure		Burst pressure		Bending diameter		weight		length	
mm	inch	mm	inch	PSI	bar	psi	bar	inch	mm	Lbs/t	kg/m	ft	m
6	1/4	14	0.55	225	15	675	45	2.0	50	0.10	0.15	328	100
8	5/16	16	0.63	225	15	675	45	3.5	90	0.11	0.17	328	100
10	3/8	17	0.7	225	15	675	45	5.1	130	0.17	0.25	328	100
19	3/4	29	1.1	225	15	675	45	9.4	240	0.40	0.6	328	100
22	7/8	34	1.34	225	15	675	45	11.0	280	0.46	0.68	328	100
25	1	35	1.4	225	15	675	45	14.8	375	0.63	0.93	328	100
32	1-1/4	42	1.7	225	15	675	45	16.5	420	0.84	1.25	196	60
38	1-1/2	53	2.1	150	10	450	30	19.7	500	0.99	1.47	196	60
45	1-3/4	60	2.36	150	10	450	30	24.8	630	0.99	1.76	196	60
51	2	65	2.56	150	10	450	30	24.8	630	1.29	1.92	196	60
57	2-1/4	74	2.92	150	10	450	30	23.7	855	1.42	2.11	196	60
64	2-1/2	82	3.23	150	10	450	30	37.8	960	1.72	2.56	196	60
76	3	94	3.7	150	10	450	30	44.9	1140	1.99	2.96	196	60
90	3-1/2	108	4.25	150	10	450	30	53.1	1350	2.47	3.68	196	60
102	4	122	4.8	150	10	450	30	60.2	1530	2.84	4.22	196	60

Note: other technical data can be customized according to the requirements 备注: 其他技术数据可根据要求定做

金属软管系列

Metal hose series



不锈钢耐压金属软管是由不锈钢波纹管外编一层或多层钢丝或钢带网套，两端以接头或法兰，用于输送各种介质的柔性元件。其特点是：耐腐蚀、耐高温、耐低温（-196℃~+420℃）、重量轻、体积小、柔软性好。广泛用于航空、航天、石油、化工、冶金、电力、造纸、木材、纺织、建筑、医药、食品、烟草、交通等行业。

The stainless steel pressure resistant metal hose is made of stainless steel bellows with one or more layers of steel wire or steel belt net, both ends of which are connected by Head or flange, used for conveying flexible elements of various media. Its characteristics are: corrosion resistance, high temperature resistance, low temperature resistance (-196°C)~+420°C, light weight, small volume and good softness. Widely used in aviation, aerospace, petroleum, chemical industry, metallurgy and electric power, papermaking, wood, textile, construction, medicine, food, tobacco, transportation and other industries.

金属软管Metal hose

类别 category	公称内径 Nominal ID (DN) (mm)	最小内径 Min. ID (mm)	最大外径 Max. OD (mm)	工作压力 Operating Pressure (PN)		试验压力 Proof Pressure (PS) (MPa)	爆破压力 Burst Pressure (Pb) (MPa)	最小弯曲半径 bend radius	
								静态 (Rj) (mm) <small>(Static)</small>	动态 (Rd) (mm) <small>(Dynamic)</small>
高压	4	25	8.5	35	5071	1.5PN	3PN	≥10DN	≥2Rj
	6		12						
	8		14						
	10	16	23	3332					
	12	20							
	14	12	22	27	1449				
18	16	26							
25	22	28	15	1014					
32	20	42			1				
中压	4	6.5	8.5	10	1449	1.5PN	4PN	≥10DN	≥2Rj
	6		12.5						
	8		14.5						
	10	18	20	8.0	1159				
	12	26							
18	24	34	6.4	927					
20	24	34	6.4	927					
25	24	34	6.4	927					
低压	4	4	52	4.0	579	1.5PN	4PN	≥10DN	≥2Rj
	6		12	2.5	362				
	8		14						
	10	16	1.6	231					
	12	14							
	14	18	1.6	231					
	18	20							
	20	20	4	1.0	144				
	35	2							
	40	58	2.5	362					
50	58								
78	75	1.6	231						
102	102								
135	125	122	1.6	231					
161	161	161	1.0	144					
193	193	193	1.0	144					
252	252	252	0.8	116					
302	302	302	0.8	116					

注：PNPS、Pb均是在20℃时的数值。Note:PN,PS,Pb are number at 20°C



常见接头形式 Common Modes of joints



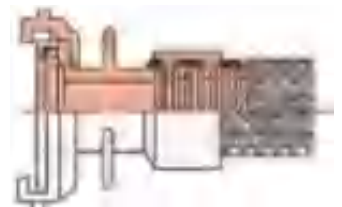
外爪连接型

External claw connection type



扳把式快速接头型

Pull handle type quick connector type



内爪连接型

Internal claw connection type



球头螺母外锥管螺纹联接型

Ball nut external taper pipe thread connection type



外螺纹榫槽联接型

External thread tenon joint type



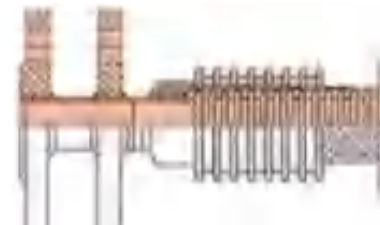
球头螺母内锥管螺纹联接型

Ball nut internal cone pipe thread connection type



油壬内锥螺纹联接型

Internal taper thread connection type of Union



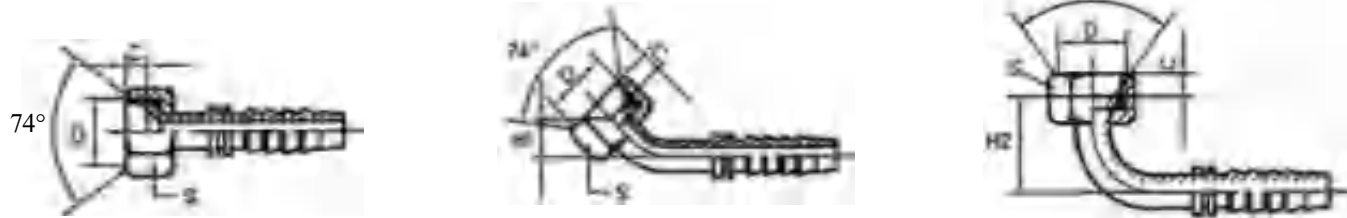
吹氢专用型

Special type for hydrogen blowing



三、国标公制内螺纹74° 内锥面接头 接头代号：C型

III.national standard metric internal thread 74°internal cone joint code:type C



C型性能参数表 Type C performance parameter table

胶管内径 insidediameter of hos (mm)	产品代号 Product code	螺 纹 D Thread D (mm)	尺 寸Dimeasion(mm)				胶管总成工作压力 rist ntr boeat(MPa)				
			C	s	HI	H2	I	II	血	4S	6S
6	HY-06C	M14X1.5	8	19	19	35	20	35	40	51	66
8	HY-08C	M16X1,5	8	22	20	38	18	30	33		61
10	HY-10C	M18×1.5	8	24	22	42	16	28	31	51	59
13	HY-13C	M22×1.5	10	27	23	44	14	25	27	43	47
16	HY-16C	M27×1,5	10	32	24	50	11	20	22	39	44
19	HY-19C	M30×1.5	11	36	25	56	9	16	18	34	42
22	HY-22C	M36×2	13	41	27	61	8	15	16		
25	HY-25C	M39×2	13	46	29	66	7	14	15	27	33
32	HY-32C	M45×2	15	55	32	76	4	11	12	20	24
38	HY-38C	M52×2	17	60	38	92	4	9	9	17	20

四、管接头及煤矿配件 IV.pipe joint and coal mine accessories



三通 Tee



直通 Direct connection



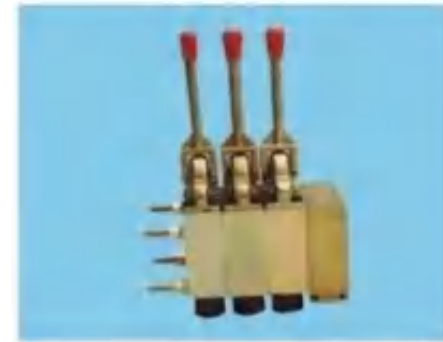
环形截止阀 Annular stop valve



弯 头 Elbow



煤 矿K型 接头K-joint of coal mine



组合操纵阀 Combined control valve

工程机械高压胶管总成

High pressure rubber tube assembly of construction machinery

本公司生产的高压胶管及总成，完全采用国外先进工艺技术加工生产，具有耐压性能好、密封程度高、使用寿命长、耐油性能好等特点，可在-40℃~+120℃温度范围内正常工作，适用于各种机械设备的液压、气动、输油、润滑等部位。

The high-pressure rubber hose and assembly produced by our company adopt the foreign advanced technology completely. Technical processing and production, with good pressure resistance, high degree of sealing, long service life. It has good oil resistance and can work normally in the temperature range of -40 °C~+120 °C. It is suitable for hydraulic, pneumatic, oil transportation, lubrication and other parts of various mechanical equipment.



钻机工程专用胶管
Special rubber pipe for
drilling machine engineering



挖掘机工程专用胶管
Special rubber pipe for
excavator Engineering



推土机工程专用胶管
Special rubber pipe for bulldozer Engineering

波纹补偿器

Corrugated compensator



轴向型补偿器
Axial compensator

复式拉杆型补偿器
Compound pull rod compensator

单式铰链型补偿器
Single hinged compensator



圆截面非金属补偿器
Circular section non metallie Compensator

曲管压力平衡式补偿器
Curved tube pressure balance compensator

直管压力平衡式补偿器
Straight tube pressure balance compensator



圆形金属补偿器
Circular metal compensator

矩形金属补偿器
Rectangular metal compensator

大拉杆横向式补偿器
Large tie rod transverse compensator



铰链式补偿器
Hinged compensator

弯管压力平衡式补偿器
Elbow pressure balance compensator

矩型补偿器
Moment compensator

不锈钢快速接头系列

Stainless steel quick connector series



A型快速接头

B型快速接头

C型快速接头

D型快速接头



E型快速接头

F型快速接头

不锈钢丝对丝接头 羊角式快速接头



羊角式快速接头

液化气专用接头

液压快速接头

油壬式快速接头

胶管接头 Hose connector



A型接头

C型接头

D型接头

F盘接头

H型接头



H型弯头

对丝接头

后锁母接头

空芯接头

外螺纹接头

橡胶软接头系列

Rubber soft joint series

产品由内胶层、锦纶帘子布、外胶层复合的橡胶球体和松套金属法兰组成。具有耐压高、弹性好、位移量大、吸震降噪、安装灵活等特点、可广泛用于供水排水、循环好、暖通空调、造纸、石油化工、船舶、压缩机、水泵、风机等管道系统。

The product is composed of inner rubber layer,nylon cord fabric,outer rubber layer compound rubber ball and loose metal flange Form.It has the characteristics of high pressure resistance,good elasticity,large displacement,vibration absorption and noise reduction,flexible installation,etc Widely used in water supply and drainage ,good circulation,HVAC,papermaking,petrochemicals,ships,compressors,water pump,fan and other piping systems.



防尘、滤板

Dust proof filter plate



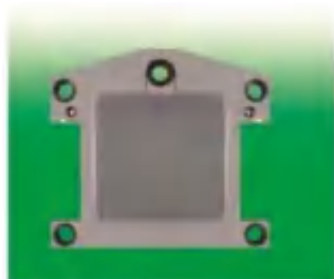
涤纶防静电除尘布袋



Polyester antistatic dust bag

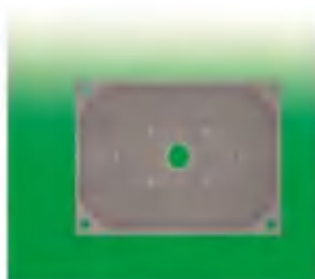


氟美斯 Fluoromez



压滤机专用厢

Special chamber for filter press

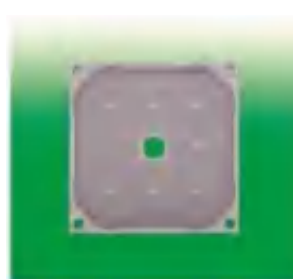


1500*2000型聚丙烯高压角进料橡胶隔膜滤

1500*2000 polypropylene high pressure



Angle feed rubber diaphragm filter



1600型聚丙烯高压隔膜滤板

1600 type polypropylene high pressure diaphragm filter plate



皮带输送机

Belt conveyor



高效快速压滤机专用隔膜滤板

Special diaphragm filter plate for high efficiency and fast filter press



1500型高压隔膜滤

1500 high pressure diaphragm filter



2000型高效水洗滤

Model 2000 high efficiency water washing filter



破碎机

Crusher



过滤工艺的明流水嘴

Open flow nozzle of filtration process



夹布器

Cloth clipping device

橡胶板系列

Rubber sheet series



丁晴橡胶板
NBR board

三元乙丙橡胶板
EPDM rubber sheet

氟橡胶板橡胶
Fluororubber sheet rubber



硅胶板 Silica gel plate

聚氨酯板 Polyurethane board



石棉板 Asbestos sheet

聚四氟乙烯板 Polytetrafluoroethylene plate

橡胶尼龙制品系列

Rubber nylon products series



浮选机定子、转子 Stator and rotor of flotation machine



聚四氟密封件

尼龙板 Nylon



橡胶输送带 Rubber conveyor belt

油封 Oil seal