

2022



山东鲁尔胶管股份有限公司
SHANDONG RUHR HOSE CO.,LTD.



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SHANDONG RUHR HOSE CO.,LTD.



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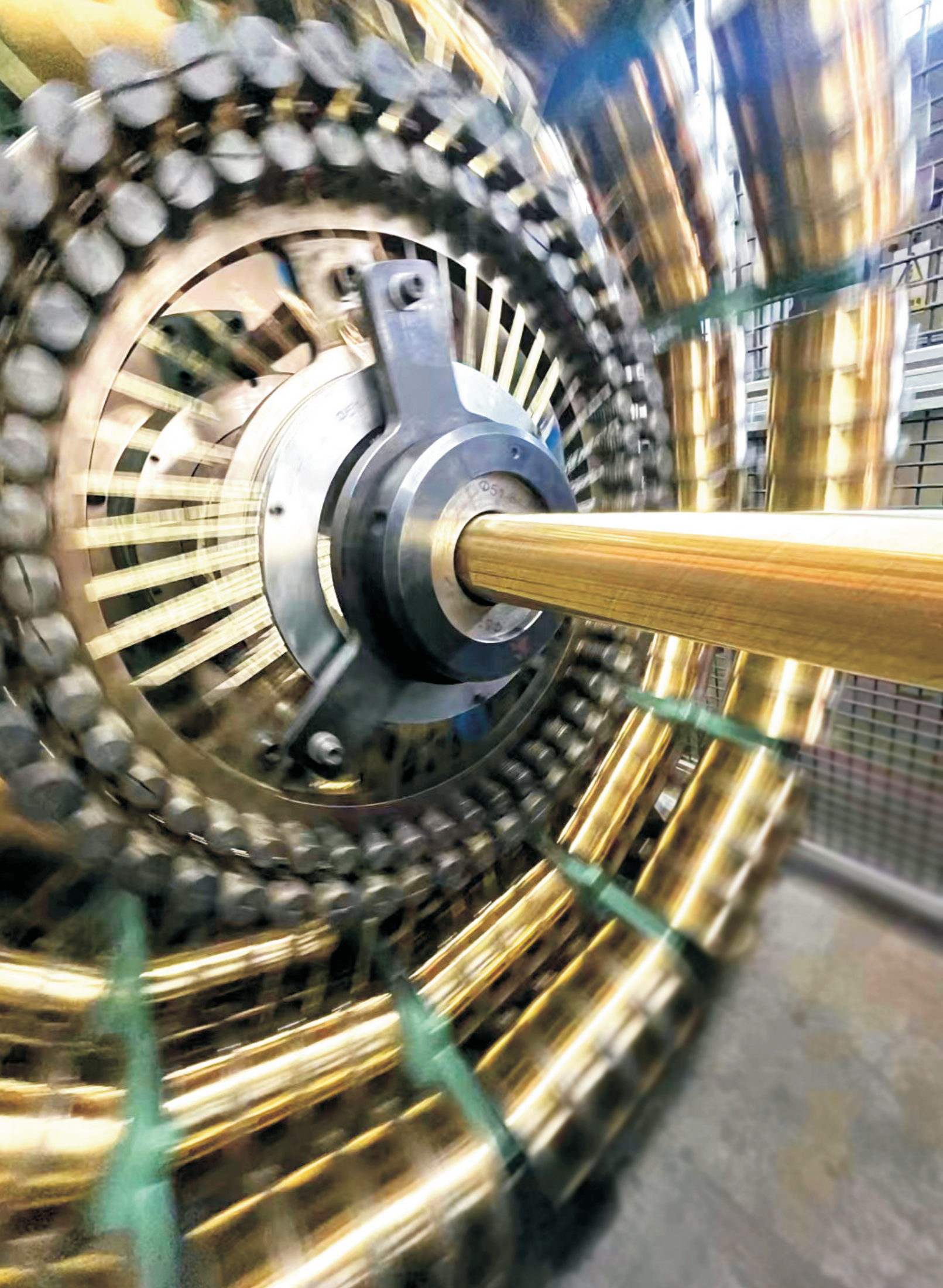
山东省·诸城市密州工业园

Add: Mizhou Industrial Park, Zhucheng, Shandong, China

电话(Tel): 0536-6338339 传真(Fax): 0536-6338330

邮编(Zip): 262200 网址(Http): www.luerjiaoguan.com 邮箱(E-mail): sales.global@ruhrhose.com





RUHR HOSE

Take employees, customers and partners as the foundation of Ruhr's development, treat each other honestly, mutual trust and mutual benefit, and realize harmonious symbiosis and win-win with various parties. Independent innovation in continuous development, taking the needs of customers as the source power of Ruhr's development and innovation, and constantly launching products with excellent performance and reliable quality to win the market and the trust of more customers. Make high-quality products, be responsible, follow high and new technology, and be a good national brand.

以员工、客户、合作伙伴为鲁尔发展之根本，坦诚相待、互信互利，实现与多方的和谐共生、共赢。在不断发展中自主创新，以客户的需求为鲁尔发展创新的源动力，不断推出性能优良、品质可靠的产品来赢得市场，也赢得更多客户的信赖。做精品，负责任，追随高新技术，做良好民族品牌。

COMPANY PROFILE

GOOD QUALITY
GLOBAL SHARING

Shandong luer rubber hose Co., Ltd. is located in various cities in Shandong Province, China, only 90 kilometers away from Qingdao port and Rizhao port. The company covers an area of 100000 square meters and 240 sets of production equipment. It is a professional rubber hose manufacturer integrating comprehensive R & D, manufacturing and sales.



◆ the company has advanced production equipment and the automation engineering is changing with each passing day.

◆ the company has complete experimental equipment, and all kinds of raw materials such as rubber and steel wire are strictly inspected.

◆ the quality control certificates we have obtained so far include:
ISO9001: 2008, ISO / TS 29001, API 7K, API Q1.

◆ products include steel wire braided hydraulic hose, steel wire wound hydraulic hose, concrete delivery hose, high-temperature steam pipe, high-pressure cleaning pipe, air pipe, hose assembly and oil field pipe, etc. Products are widely used in mining, petroleum, metallurgy, marine, construction machinery, construction and other industries. These products have been exported to more than 15 countries and regions, including the United States, Brazil, Europe, the Middle East, Australia and so on.

公司简介

好 品 质 全 球 共 享

山东鲁尔胶管股份有限公司坐落于中国山东省诸城市，距离青岛港和日照港仅90公里。公司占地面积100000m²，生产设备240台套。是一家集综合研发、制造和销售专业橡胶软管生产商。

◆公司生产设备先进，自动化工程日新月异。

◆公司实验设备齐全，入厂橡胶、钢丝等各种原材料都进行严格的检验。

◆目前为止我们获得的质量控制方面的证书有：

ISO9001: 2008, ISO / TS 29001, API 7K, API Q1。

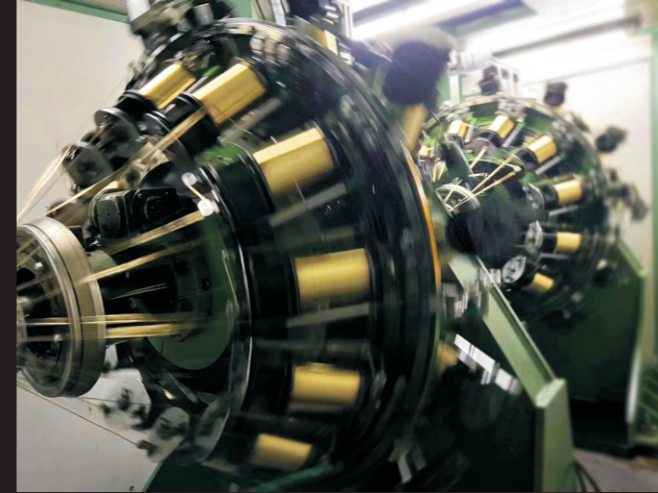
◆产品包括钢丝编织液压胶管、钢丝缠绕液压胶管、混凝土输送胶管、高温蒸汽管、高压清洗管、空气管、软管总成和油田用管等等。产品被广泛应用于矿业、石油、冶金、海洋、工程机械，建筑等行业。这些产品被出口到超过15个国家和地区，包括美国、巴西、欧洲、中东、澳大利亚等。

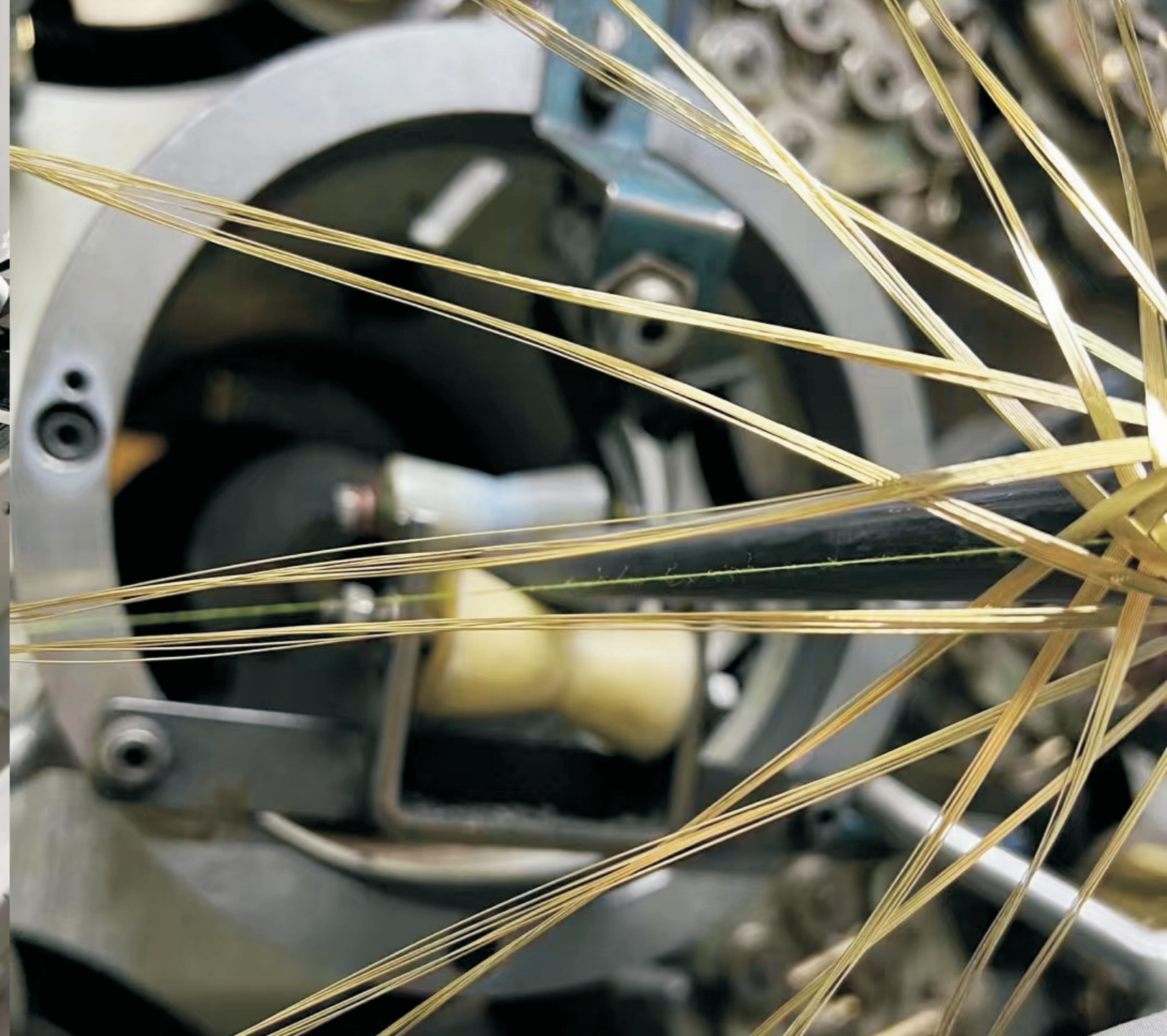
QUALITY PRODUCTS
QUALITY RAW MATERIALS

优质的产品
需要优质的原材料

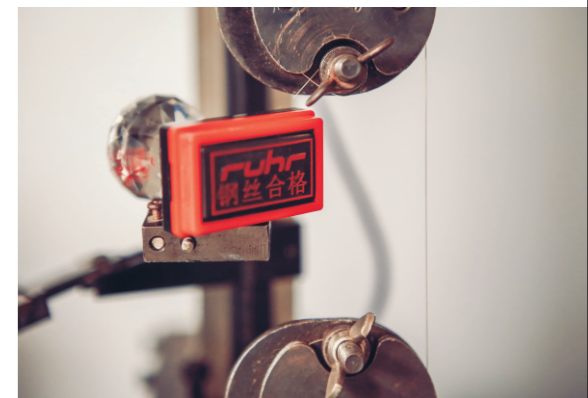
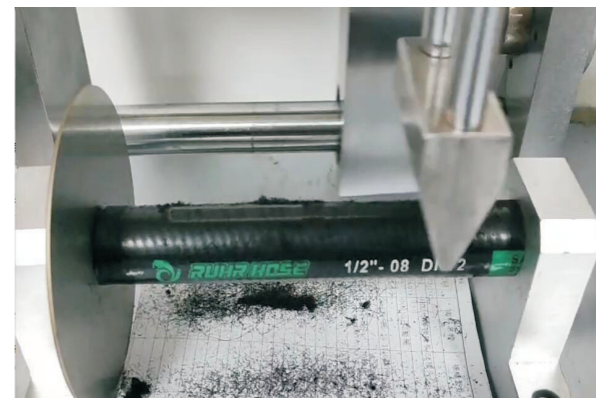
WE ALWAYS CHOOSE SUPER QUALITY RAW MATERIALS

我们总是选用最优质的原材料





**STRICT
QUALITY
CONTROL**
严格的质量管理



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**Steel wire braiding
Hydraulic Hose**
(钢丝液压编织管)

- SAE 100 R1 AT/DIN EN853 1SN
- SAE 100 R2 AT/DIN EN 853 2SN
- SAE 100 R1 A/DIN EN853 1ST
- SAE 100 R2 A/DIN EN853 2ST
- DIN EN 857 1SC
- DIN EN 857 2SC
- SAE 100 R16
- SAE 100 R17
- SAE 100 R5

SAE 100 R1 AT/ DIN EN853 1SN
一层钢丝编织液压软管

Recommended For: Medium pressure hydraulic lines.

Meets&exceeds requirements of SAE 100 R1 Type AT and EN 853 1SN.

Application: Mine hydraulic support, oilfield machinery, mine/ road/ construction machinery.

Tube: Black, oil resistant, synthetic rubber.

Reinforcement: One braid of high-tensile steel wire.

Cover:Black synthetic rubber, oilproof, Anti-abrasion&weather resistant.

Working Temperature: -40° F to +212° F (-40°C to +100°C)

推荐: 中压液压管路。达到或超过SAE 100 R1 Type AT 以及EN 853 1SN的性能要求。

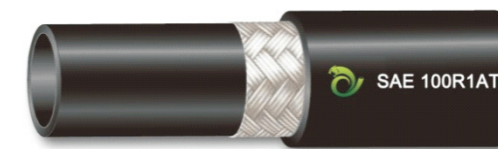
应用领域: 液压支架, 油田开采机械, 矿山/筑路/建筑工程机械。

内胶管: 黑色, 耐油合成橡胶。

增强层: 一层高强度钢丝编织。

外胶层: 黑色, 耐油, 抗磨损, 耐恶劣天气合成橡胶。

工作温度范围: -40° F to +212° F (-40°C to +100°C)



Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(psi)	(MPa)	(In.)	(mm)	kg/m	lb/ft
1/4	6.4	0.52	13.1	3275	22.5	13100	90.0	3.94	100	0.23	0.16
5/16	7.9	0.58	14.7	3125	21.5	12500	85.0	4.53	115	0.27	0.18
3/8	9.5	0.67	17.1	2600	18.0	10400	72.0	4.92	125	0.36	0.24
1/2	12.7	0.80	20.3	2325	16.0	9300	64.0	7.09	180	0.47	0.32
5/8	15.9	0.92	23.3	1900	13.0	7600	52.0	7.87	200	0.53	0.36
3/4	19.1	1.08	27.4	1525	10.5	6100	42.0	9.45	240	0.66	0.45
1	25.4	1.38	35.1	1275	8.8	5100	35.0	11.81	300	0.98	0.66
1 1/4	31.8	1.69	43.0	925	6.3	3700	25.0	16.54	420	1.29	0.87
1 1/2	38.1	1.95	49.5	725	5.0	2900	20.0	19.69	500	1.53	1.03
2	50.8	2.48	63.0	600	4.0	2400	16.0	24.8	630	2.03	1.37
2 1/2	63.8	3.03	77.0	360	2.5	1440	10.0	29.92	760	2.71	1.83
3	76.0	3.46	88.0	290	2.0	1160	8.0	34.65	880	2.91	1.97

SAE 100 R2 AT/DIN EN 853 2SN 两层钢丝编织液压软管

Recommended For: High-pressure hydraulic lines. Meets&exceeds the requirements of SAE 100R2AT, EN853 2SN.

Application: For high pressure hydraulic systems in industry and agriculture.

Tube: Black, oil resistant, synthetic rubber.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oilproof, Anti-abrasion&weather resistant, thin synthetic rubber.

Working Temperature: -40° F to +212° F (-40°C to +100°C)

推荐: 高压液压管路。达到或超过SAE 100 R2 Type AT ,EN 853 2SN的性能要求。

应用领域: 用于工业、农业高压液压系统。

内胶管: 黑色, 耐油合成橡胶。

增强层: 两层高强度钢丝编织。

外胶层: 黑色, 耐油, 抗磨损, 耐恶劣天气合成橡胶。

工作温度范围: -40° F to +212° F(-40°C to +100°C)



Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(psi)	(MPa)	(In.)	(mm)	kg/m	lb/ft
1/4	6.4	0.59	15.1	5800	40.0	23200	160.0	3.94	100	0.38	0.26
5/16	7.9	0.64	16.3	5075	35.0	20300	140.0	4.53	115	0.44	0.30
3/8	9.5	0.74	18.7	4800	33.0	19200	132.0	4.92	125	0.56	0.38
1/2	12.7	0.86	21.8	4000	27.5	16000	110.0	7.09	180	0.66	0.45
5/8	15.9	0.98	25.0	3625	25.0	14500	100.0	7.87	200	0.80	0.54
3/4	19.1	1.14	29.0	3120	21.5	12480	85.0	9.45	240	0.99	0.67
1	25.4	1.43	36.5	2400	16.5	9600	65.0	11.81	300	1.36	0.92
1 1/4	31.8	1.85	47.0	1810	12.5	7240	50.0	16.54	420	2.01	1.36
1 1/2	38.1	2.11	53.6	1300	9.0	5200	36.0	19.69	500	2.35	1.59
2	50.8	2.58	65.6	1175	8.0	4700	32.0	24.80	630	2.75	1.86
2 1/2	63.8	3.07	78.0	720	5.0	2880	20.0	29.92	760	3.56	2.41
3	76.0	3.56	90.5	580	4.0	2320	16.0	34.65	880	4.03	2.72

SAE 100 R1 A/ DIN EN853 1ST 一层钢丝编织液压软管

Recommended For: Medium-pressure hydraulic lines. Meets or exceeds the requirements of SAE 100R1A,EN853 1ST.

Application: For medium pressure hydraulic systems of industry and agriculture.

Tube: Black, oil resistant, synthetic rubber.

Reinforcement: One braid of high-tensile steel wire.

Cover: Black, oilproof, Anti-abrasion&weather resistant, synthetic rubber.

Working Temperature: -40° F to +212° F (-40°C to +100°C)

推荐: 中压液压管路。达到或超过SAE 100 R1 Type A和 EN 853 1ST的性能要求。

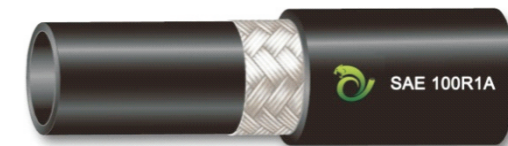
应用领域: 用于工业、农业, 中压液压系统。

内胶管: 黑色, 耐油合成橡胶。

增强层: 一层高强度钢丝编织。

外胶层: 黑色, 耐油, 抗磨损, 耐恶劣天气合成橡胶。

工作温度范围: -40° F to +212° F(-40°C to +100°C)



Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(psi)	(MPa)	(In.)	(mm)	kg/m	lb/ft
1/4	6.4	0.60	15.2	3265	22.5	13060	90.0	3.94	100	0.28	0.19
5/16	7.9	0.67	17.0	3120	21.5	12325	85.0	4.53	115	0.33	0.22
3/8	9.5	0.76	19.4	2610	18.0	10440	72.0	4.92	125	0.40	0.27
1/2	12.7	0.89	22.5	2320	16.0	9280	64.0	7.09	180	0.53	0.36
5/8	15.9	1.00	25.5	1885	13.0	7540	52.0	7.87	200	0.59	0.40
3/4	19.1	1.16	29.5	1525	10.5	6090	42.0	9.45	240	0.82	0.55
1	25.4	1.48	37.5	1275	8.8	5075	35.0	11.81	300	1.06	0.71
1 1/4	31.8	1.75	44.5	915	6.3	3625	25.0	16.54	420	1.44	0.97
1 1/2	38.1	2.01	51.0	725	5.0	2900	20.0	19.69	500	1.73	1.16
2	50.8	2.58	65.5	580	4.0	2320	16.0	24.80	630	2.25	1.51

SAE 100 R2 A/ DIN EN853 2ST 两层钢丝编织液压软管

Recommended For: High-pressure hydraulic lines. Meets or exceeds the requirements of SAE 100R2A, EN853 2ST.

Application: For high pressure hydraulic systems in industry and agriculture.

Tube: Black, oil resistant, synthetic rubber.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oilproof, Anti-abrasion & weather resistant, thin synthetic rubber.

Working Temperature: -40° F to +212° F (-40°C to +100°C)

推荐: 高压液压管路。达到或超过SAE 100 R2A, EN 853 2ST的性能要求。

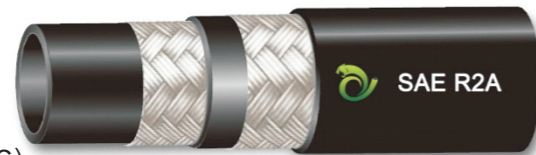
应用领域: 用于工业、农业高压液压系统。

内胶管: 黑色, 耐油合成橡胶。

增强层: 两层高强度钢丝编织。

外胶层: 黑色, 耐油, 抗磨损, 耐恶劣天气合成橡胶。

工作温度范围: -40° F to +212° F (-40°C to +100°C)



Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(psi)	(MPa)	(In.)	(mm)	kg/m	lb/ft
1/4	6.4	0.67	17.0	5800	40.0	23200	160.0	3.94	100	0.41	0.28
5/16	7.9	0.73	18.5	5075	35.0	20300	140.0	4.53	115	0.47	0.32
3/8	9.5	0.83	21.0	4785	33.0	19140	132.0	4.92	125	0.60	0.40
1/2	12.7	0.94	24.0	3990	27.5	15950	110.0	7.09	180	0.70	0.47
5/8	15.9	1.07	27.2	3625	25.0	14500	100.0	7.87	200	0.83	0.56
3/4	19.1	1.23	31.3	3120	21.5	12325	85.0	9.45	240	1.02	0.69
1	25.4	1.54	39.0	2395	16.5	9425	65.0	11.81	300	1.38	0.93
1 1/4	31.8	1.95	49.5	1815	12.5	7250	50.0	16.54	420	2.23	1.50
1 1/2	38.1	2.24	57.0	1305	9.0	5220	36.0	19.69	500	2.46	1.65
2	50.8	2.70	68.5	1160	8.0	4640	32.0	24.80	630	3.14	2.11

DIN EN 857 1SC 一层钢丝编织液压软管

Recommended For: Low-medium pressure, petroleum based fluids or glycol-water based fluids at high pressure. Such as mineral oils, fuels, hydrocarbons.

Special Features: Working pressure exceeds EN857 1SC standard requirements. Good flexibility, lower bend radius. Suitable for complex high pressure hydraulic circuits. Validated for 300,000 impulse cycles.

Tube: Black, oil resistant, synthetic rubber.

Reinforcement: One braid of high-tensile steel wire.

Cover: Black, oilproof, Anti-abrasion & weather resistant, thin synthetic rubber.

Working Temperature: -40° F to +212° F (-40°C to +100°C)

推荐: 低-中压液压管路。适合与输送石油基液压油, 如矿物油, 燃料, 碳氢化合物及高压下乙二醇-水基流体。

特性: 工作压力超过EN857 1SC标准, 更加柔软, 更小的弯曲半径, 适用于复杂的高压液压管路, 验证脉冲30万次。

内胶管: 黑色, 耐油合成橡胶。

增强层: 一层高强度钢丝编织。

外胶层: 黑色, 耐油, 抗磨损, 耐恶劣天气合成橡胶。

工作温度范围: -40° F to +212° F (-40°C to +100°C)



Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(psi)	(MPa)	(In.)	(mm)	kg/m	lb/ft
1/4	6.4	0.50	12.7	3265	22.5	13050	90	2.95	75	0.21	0.14
5/16	7.9	0.55	14	3120	21.5	12470	86	3.35	85	0.24	0.16
3/8	9.5	0.64	16.4	2610	18.0	10440	72	3.54	90	0.31	0.21
1/2	12.7	0.79	20	2320	16.0	9280	64	5.12	130	0.40	0.27
5/8	15.9	0.89	22.7	1885	13.0	7540	52	5.91	150	0.46	0.31
3/4	19.0	1.03	26.2	1525	10.5	6090	42	7.09	180	0.57	0.39
1	25.4	1.34	34	1275	8.8	5075	35	9.06	230	0.94	0.64

DIN EN 857 2SC 两层钢丝编织液压软管

Recommended For: Medium to high pressure hydraulic lines. Suitable for petroleum based hydraulic fluids, synthetic esters, biodegradable hydraulic fluids, water-glycol based fluids and air.

Special Features: Qualified for double impulse cycles(400,000 cycles) comparing with standards-EN857 2SC/ISO 11237-1. Compact design,good flexibility. Smaller Bend Radius.Suitable for installation at narrow assembly space compared to 2SN series.

Tube: Black, oil resistant, synthetic rubber.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oilproof, Anti-abrasion&weather resistant, thin synthetic rubber.

Working Temperature: -40° F to +212° F (-40°C to +100°C)

推荐: 中-高压液压管路。适合输送石油基液压油、合成酯，可生物降解的流体，水-乙二醇基流体及空气。

特性: 脉冲性能是EN857 2SC/ISO 11237-1标准的2倍（40万次），紧凑的设计使得软管具有更好地柔韧性，更小的弯曲半径，比2SN系列更适用于在总成长度短及狭小安装空间下使用。

内胶管: 黑色，耐油合成橡胶。

增强层: 两层高强度钢丝编织。

外胶层: 黑色，耐油，抗磨损，耐恶劣天气合成橡胶。

工作温度范围: -40° F to +212° F (-40°C to +100°C)



Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(psi)	(MPa)	(In.)	(mm)	kg/m	lb/ft
1/4	6.4	0.54	13.8	5800	40.0	23200	160	2.95	75	0.31	0.21
5/16	7.9	0.60	15.2	5075	35.0	20300	140	3.35	85	0.35	0.24
3/8	9.5	0.69	17.5	4785	33.0	19140	132	3.54	90	0.45	0.30
1/2	12.7	0.83	21.0	3990	27.5	15950	110	5.12	130	0.63	0.43
5/8	15.9	0.95	24.2	3625	25.0	14500	100	6.69	170	0.72	0.49
3/4	19.0	1.10	28	3120	21.5	12470	86	7.87	200	0.91	0.61
1	25.4	1.41	35.8	2395	16.5	9570	66	9.84	250	1.31	0.89

SAE 100 R16 紧凑型、高压，两层钢丝编织液压胶管

Recommended For: High-pressure hydraulic oil lines.

Features: More strict & better technical data comparing with standard SAE 100R16. Tight body with smaller exterior dimensions and extremely small bend radius.

Tube: Black, oil resistant, synthetic rubber.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oilproof, Anti-abrasion, thin synthetic rubber.

Working Temperature: -40° F to +212° F (-40°C to +100°C)

推荐: 高压液压管路，超过SAE 100R16要求。

特性: 此系列软管具有更小的外形尺寸及更严格的弯曲半径。

内胶管: 黑色，耐油合成橡胶。

增强层: 两层高强度钢丝编织。

外胶层: 黑色，耐油，抗磨损，耐恶劣天气合成橡胶。

工作温度范围: -40° F to +212° F (-40°C to +100°C)



Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(psi)	(MPa)	(In.)	(mm)	kg/m	lb/ft
1/4	6.4	0.53	13.5	5800	40.0	23200	160	1.5	38.1	0.31	0.21
5/16	7.9	0.60	15.3	5075	35.0	20300	140	1.8	45.7	0.37	0.25
3/8	9.5	0.71	18	4785	33.0	19140	132	2.0	50.8	0.47	0.32
1/2	12.7	0.83	21.1	3990	27.5	15950	110	2.8	71.1	0.60	0.41
5/8	15.9	0.97	24.7	3625	25.0	14500	100	3.0	76.2	0.73	0.49
3/4	19.0	1.10	28	3120	21.5	12470	86	3.8	96.5	0.87	0.59
1	25.4	1.40	35.6	2395	16.5	9570	66	4.5	114.3	1.38	0.93
1 1/4	31.8	1.71	43.5	1815	12.5	7250	50	5.9	150.0	1.78	1.20

SAE 100 R17

紧凑型、21MPa最大工作压力，一层及两层钢丝编织液压胶管

Recommended For: High-pressure hydraulic oil lines.

Features: More strict & better technical data comparing with standard SAE 100R17 & EN 857 1SC. The hose has smaller exterior dimensions and smaller bend radius compared to standard SAE 100 R1 & SAE 100 R2.

Tube: Black, oil resistant, synthetic rubber.

Reinforcement: braided, high-tensile steel wire.

Sizes 1/4" , 5/16" , 3/8" -----one braid;

Sizes 1/2" , 5/8" , 3/4" and 1" -----two braids.

Cover: Black, oilproof, Anti-abrasion, weather resistant, thin synthetic rubber.

Working Temperature: -40° F to +212° F (-40°C to +100°C)

推荐: 高压液压管路，超过SAE 100R17及EN 857 1SC性能要求。

特性: 此系列软管比SAE 100 R1和SAE 100 R2软管具有更小的外形尺寸及更严格的弯曲半径。

内胶管: 黑色，耐油合成橡胶。

增强层: 高强度钢丝编织。

1/4" , 5/16" , 3/8" 一层钢丝编织；1/2" , 5/8" , 3/4" 及1" 为两层钢丝编织。

外胶层: 黑色，耐油，抗磨损，耐恶劣天气合成橡胶。

工作温度范围: -40° F to +212° F (-40°C to +100°C)



Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(psi)	(MPa)	(In.)	(mm)	kg/m	lb/ft
1/4	6.4	0.50	12.7	3045	21.0	12180	84.0	1.5	38.1	0.21	0.14
5/16	7.9	0.56	14.2	3045	21.0	12180	84.0	1.8	45.7	0.25	0.17
3/8	9.5	0.63	16.0	3045	21.0	12180	84.0	2.0	50.8	0.31	0.21
1/2	12.7	0.80	20.4	3045	21.0	12180	84.0	2.8	71.1	0.57	0.39
5/8	15.9	0.97	24.6	3045	21.0	12180	84.0	3.0	76.2	0.75	0.51
3/4	19.0	1.09	27.8	3045	21.0	12180	84.0	3.8	96.5	0.92	0.62
1	25.4	1.39	35.4	3045	21.0	12180	84.0	4.5	114.3	1.35	0.91

SAE 100 R5

外编纤维中压管

Application: For medium pressure , carry hydraulic fluids such as mineral, lubrication, emulsion.

Tube: Black, oil resistant, synthetic rubber.

Reinforcement: One braid of high-tensile steel wire.

Cover: a single fibre braid cover.

Working Temperature: -40° F to +212° F (-40°C to +100°C)

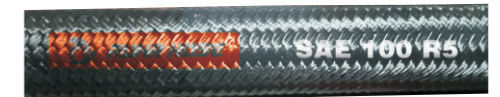
应用领域: 中等工作压力，输送液压流体如液压油、润滑油、乳化液体等。

内胶管: 黑色，耐油合成橡胶。

增强层: 一层高强度钢丝编织。

外胶层: 一层纤维编织。

工作温度范围: -40° F to +212° F (-40°C to +100°C)



Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(psi)	(MPa)	(In.)	(mm)	kg/m	lb/ft
3/16	5	0.52	13.1	3045	21	12180	84	2.95	75	0.22	0.15
1/4	6.3	0.57	14.6	3045	21	12180	84	3.35	85	0.27	0.18
5/16	8	0.67	17	2277	15.7	9106	62.8	3.94	100	0.36	0.24
13/32	11	0.75	19	2030	14	8120	56	4.53	115	0.41	0.28
1/2	12.5	0.91	23	1769	12.2	7076	48.8	5.51	140	0.55	0.37
5/8	16	1.06	27	1522	10.5	6090	42	6.50	165	0.71	0.48
3/4	19	1.22	31	1160	8	4640	32	6.89	175	0.86	0.58

Steel Wire Spiral Hydraulic Hose

(钢丝液压缠绕管)

DIN EN856 4SP
DIN EN856 4SH
SAE 100 R9
DIN EN 856 SAE 100 R12
DIN EN 856 SAE 100 R13
SAE 100 R15

DIN EN856 4SP 四层钢丝缠绕液压胶管

Recommended For: very high pressure applications used for petroleum based hydraulic fluids

Inner tube: Black, oil resistant, synthetic rubber.

Reinforcement: four alternating layers of spiraled high-tensile steel wire

Cover: Black, oilproof, Anti-abrasion, weather resistant, synthetic rubber.

Working Temperature: -40° F to +212° F (-40°C to +100°C)

推荐: 超高压和高脉冲液压管路, 该系列软管具有优异的脉冲性能 (在小于EN856 4SP规定的最小弯曲半径下的脉冲测试为100万次), 在EN856 4SP中是最柔软的软管。适用流体为可生物降解的液压流体, 如: 合成酯, 聚乙二醇、植物油以及石油基流体。

内胶管: 黑色, 耐油合成橡胶。

增强层: 四层高强度钢丝缠绕。

外层: 黑色, 耐油, 抗磨损, 耐恶劣天气合成橡胶。

工作温度范围: -40° F to +212° F (-40°C to +100°C)



Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(psi)	(MPa)	(In.)	(mm)	kg/m	lb/ft
1/4	6.2	0.67	17	6525	45.0	26100	180.0	3.94	100	0.58	0.39
3/8	9.5	0.80	20.2	6455	44.5	25820	178.0	4.3	109.2	0.71	0.48
1/2	12.7	0.91	23	6018	41.5	24072	166.0	4.7	119.4	0.85	0.57
5/8	15.9	1.04	26.5	5075	35.0	20300	140.0	5.5	139.7	1.03	0.70
3/4	19.0	1.22	31	5075	35.0	20300	140.0	6.7	170.2	1.58	1.07
1	25.4	1.48	37.6	4060	28.0	16240	112.0	13.4	340.4	2.01	1.36
1 1/4	31.8	1.79	45.4	3045	21.0	12180	84.0	18.1	459.7	2.68	1.81
1 1/2	38.1	2.06	52.4	2685	18.5	10730	74.0	22.0	560.0	3.30	2.23
2	50.8	2.63	66.8	2395	16.5	9580	66.0	26.0	660.0	4.37	2.95

EN856 4SH

紧凑型四层钢丝缠绕液压胶管

Recommended For: extremely high pressure&high impulse hydraulic systems. 4SH series are the most flexible hoses among standard EN856 series with outstanding impulse performance.They are used for biodegradable hydraulic fluid, such as: synthetic esters, polyethylene glycol, vegetable oils and petroleum-based fluids.

Inner tube: Black, oil resistant, synthetic rubber.

Reinforcement: four alternating layers of spiraled high-tensile steel wire

Cover: Black, oilproof, Anti-abrasion, weather resistant,synthetic rubber.

Working Temperature: -40° F to +212° F (-40°C to +100°C)

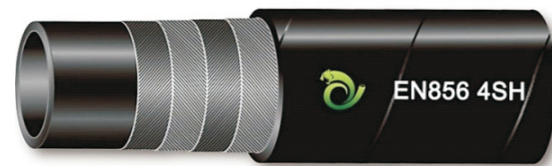
推荐: 超高压和高脉冲液压管路，该系列软管具有优异的脉冲性能，在EN856中4SH系列是最柔软的软管。适用流体为可生物降解的液压流体，如：合成酯，聚乙二醇、植物油以及石油基流体。

内胶管: 黑色，耐油合成橡胶。

增强层: 四层高强度钢丝缠绕。

外胶层: 黑色，耐油，抗磨损，耐恶劣天气合成橡胶。

工作温度范围: -40° F to +212° F(-40°C to +100°C)



Hose ID	Hose O.D.	Working Pressure	Min. Burst Pressure	Min. Bend Radius	Weight
(In.) (mm)	(In.) (mm)	(psi) (MPa)	(psi) (MPa)	(In.) (mm)	kg/m lb/ft
3/4	19.0 1.22 31	6090 42.0	24360 168.0	11.0 280.0	1.58 1.07
1	25.4 1.48 37.6	5510 38.0	22040 152.0	13.4 340.0	2.01 1.36
1 1/4	31.8 1.79 45.4	4713 32.5	18850 130.0	18.1 460.0	2.68 1.81
1 1/2	38.1 2.06 52.4	4200 29.0	16800 116.0	22.0 560.0	3.30 2.23
2	50.8 2.63 66.8	3625 25.0	14500 100.0	27.6 700.0	4.37 2.95

SAE 100 R9

四层钢丝缠绕液压胶管

Recommended For: for medium pressure hydraulic oil lines,grease lines, water lines and power steering hoses.

Size: 3/8" to 2".

Tube: Black, oil resistant, synthetic rubber.

Reinforcement: 4 layers of spiral high-tensile steel wire.

Cover: Black, oilproof, weather resistant synthetic rubber.

Working Temperature: -40° F to +212° F (-40°C to +100°C)

推荐: 中压液压油类、脂类、水路管道和助力转向系统。

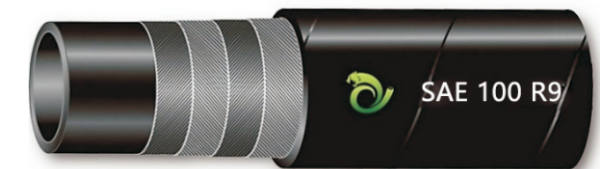
尺寸: 3/8" ~ 2"。

内胶层: 黑色耐油合成橡胶。

增强层: 四层高强度钢丝缠绕。

外胶层: 黑色耐油耐候合成橡胶。

工作温度范围: -40° F to +212° F(-40°C to +100°C)



Hose ID	Hose O.D.	Working Pressure	Min. Burst Pressure	Min. Bend Radius	Weight
(In.) (mm)	(In.) (mm)	(psi) (MPa)	(psi) (MPa)	(In.) (mm)	kg/m lb/ft
3/8	9.5 0.80 20.2	4568 31.5	18272 126	4.9 125	0.71 0.48
1/2	12.7 0.91 23	4060 28.0	16000 112	7.1 180	0.85 0.57
3/4	19.0 1.22 31	3045 21.0	16240 84	9.4 240	1.58 1.07
1	25.4 1.48 37.6	3045 21.0	16240 84	11.8 300	2.01 1.36
1 1/4	31.8 1.79 45.4	2538 17.5	10152 70	16.5 420	2.68 1.81
1 1/2	38.1 2.06 52.4	2030 14.0	8120 56	19.7 500	3.3 2.23
2	50.8 2.63 66.8	2030 14.0	8120 56	24.8 660	4.37 2.95

DIN EN 856 SAE 100 R12 重型高脉冲四层钢丝缠绕液压胶管

Recommended For: Extremely high pressure, high impulse hydraulic applications. Exceeds all performance requirements for SAE 100R12, EN 856 R12 and EN856 4SP. Compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.

Tube: Black, oil-resident synthetic rubber(Nitrile)

Reinforcement: four alternating layers of spiraled high-tensile steel wire

Cover: Black, oilproof synthetic rubber.

Working Temperature: -40° F to +257° F (-40°C to +125°C)

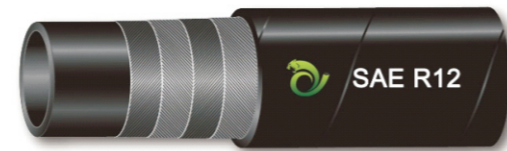
推荐: 超高压和高脉冲液压管路, 该系列软管在适用性能上超过SAE 100R12, EN 856 R12 和 EN856 4SP中规定的要求, 适用流体为可生物降解的液压流体, 如: 合成酯, 聚乙二醇、植物油以及石油基流体。

内胶管: 黑色, 耐油合成橡胶。

增强层: 四层高强度钢丝交互式缠绕。

外胶层: 黑色, 耐油, 抗磨损, 耐恶劣天气合成橡胶。

工作温度范围: -40° F to +257° F (-40°C to +125°C)



Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(psi)	(MPa)	(In.)	(mm)	kg/m	lb/ft
3/8	9.5	0.80	20.2	4000	28.0	16000	112.0	4.9	125	0.71	0.48
1/2	12.7	0.91	23	4000	28.0	16000	112.0	7.1	180	0.85	0.57
5/8	15.9	1.04	26.5	4000	28.0	16000	112.0	7.8	200	1.03	0.70
3/4	19.0	1.22	31	4000	28.0	16000	112.0	9.4	240	1.58	1.07
1	25.4	1.48	37.6	4000	28.0	16000	112.0	11.8	300	2.01	1.36
1 1/4	31.8	1.79	45.4	3000	21.0	12000	84.0	16.5	420	2.68	1.81
1 1/2	38.1	2.06	52.4	2500	17.5	10000	70.0	19.7	500	3.30	2.23
2	50.8	2.63	66.8	2500	17.5	10000	70.0	24.8	630	4.37	2.95

DIN EN 856 SAE 100 R13 重型高脉冲多层钢丝缠绕液压胶管

Recommended For: Extremely high pressure, high impulse hydraulic applications. This hose is designed to meet all requirements of SAE 100R13 specifications and performance requirements of EN 856 4SH, EN856 4SP and EN856 R13. Compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.

Tube: Black, oil-resident synthetic rubber(Nitrile)

Reinforcement: four or six alternating layers of spiraled high-tensile steel wire(Six for 1 1/4" , 1 1/2" and 2").

Cover: Black, oilproof, Anti-abrasion, weather resistant,synthetic rubber.

Working Temperature: -40° F to +257° F (-40°C to +125°C)

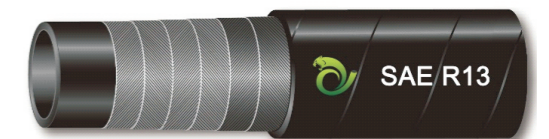
推荐: 超高压和高脉冲液压管路, 该系列软管在适用性能上超过SAE 100R13, EN 856 4SP, EN856 4SH和EN856 R13中规定的要求, 适用流体为可生物降解的液压流体, 如: 合成酯, 聚乙二醇、植物油以及石油基流体。

内胶管: 黑色, 耐油合成橡胶。

增强层: 四层或六层 (1 1/4" , 1 1/2" 和 2" 为六层) 高强度钢丝交互式缠绕。

外胶层: 黑色, 耐油, 抗磨损, 耐恶劣天气合成橡胶。

工作温度范围: -40° F to +257° F (-40°C to +125°C)



Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(psi)	(MPa)	(In.)	(mm)	kg/m	lb/ft
3/4	19.0	1.22	31	5000	34.5	20000	138	9.45	240	1.57	1.06
1	25.4	1.52	38.7	5000	34.5	20000	138	11.81	300	2.19	1.48
1 1/4	31.8	1.94	49.4	5000	34.5	20000	138	16.54	420	3.92	2.65
1 1/2	38.1	2.26	57.4	5000	34.5	20000	138	19.69	500	4.90	3.31
2	50.8	2.78	70.6	5000	34.5	20000	138	24.80	630	6.73	4.55

SAE 100 R15

重型高脉冲多层钢丝缠绕液压胶管 (6000psi)

Recommended For: Extremely high pressure, high impulse hydraulic applications such as hydrostatic transmissions. This hose is designed to meet all requirements of SAE 100R15 specifications and performance requirements of EN 856 4SP(-6,-8,-10 and -12), EN856 4SH(-12, -16 and -20). Compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.

Inner tube: Black, oil resistant, synthetic rubber.

Reinforcement: four or six alternating layers of spiraled high-tensile steel wire (six for 1 1/4" , 1 1/2").

Cover: Black, oilproof synthetic rubber.

Working Temperature: -40° F to +250° F (-40°C to +121°C)

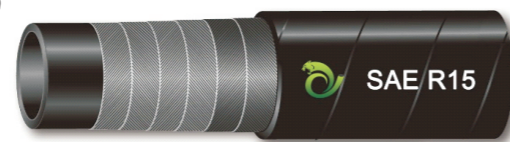
推荐: 超高压和高脉冲液压管路，如静液压传动。该系列软管在适用性能上超过SAE 100R15, EN 856 4SP (-6,-8,-10 和 -12) ,EN856 4SH (-12, -16 和 -20) 中规定的要求，适用流体为可生物降解的液压流体，如：合成酯，聚乙二醇、植物油以及石油基流体。

内胶管: 黑色，耐油合成橡胶。

增强层: 四层或六层 (1 1/4" , 1 1/2" 为六层) 高强度钢丝交互式缠绕。

外胶层: 黑色，耐油，抗磨损，耐恶劣天气合成橡胶。

工作温度范围: -40° F to +250° F (-40°C to +121°C)



Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(psi)	(MPa)	(In.)	(mm)	kg/m	lb/ft
3/4	19.0	1.22	31	6090	42.0	24360	168.0	10.5	267	1.57	1.06
1	25.4	1.52	38.7	6090	42.0	24360	168.0	13.0	330	2.19	1.48
1 1/4	31.8	1.94	49.4	6090	42.0	24360	168.0	17.5	445	3.92	2.65
1 1/2	38.1	2.26	57.4	6090	42.0	24360	168.0	21.0	533	4.90	3.31



High Pressure Cleaner Hose (高压清洗管)

Waterblast Hose
(超高压清洗管)

High Pressure Cleaning/Washing Hose
(高压清洗管)

WATERBLAST HOSE

超高压清洗管

Key Performance:

Hose line for waterblasting with pressures up to 1250 bar. Compactness, lightness and flexibility. Safety factor 2.5:1. High abrasion resistance cover.

主要性能: 用于水切割, 压力至1250bar的软管系列, 紧凑, 重量轻且柔韧性好。安全系数2.5:1。高耐磨外胶。

主要应用: 利用极高工作压力冲洗切割, 如: 建筑和工业行业(道路作业, 去除钢筋混凝土结构保护钢筋的混凝土层) 船厂清除船体污垢。

内胶管: 黑色, 耐油合成橡胶。 **增强层:** 四层或六层高强度钢丝交互式缠绕。

外胶层: 黑色, 耐油, 抗磨损, 耐恶劣天气合成橡胶。

连续工作温度范围: -10 至+70°C **最大工作温度范围:** -40 至+93°C

Hose ID	Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight		
	(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(psi)	(MPa)	(In.)	(mm)	kg/m
3/8	10.0	0.87	22.0	16000	110.0	40000	275.0	9.1	230	1.013	0.68
3/8	10.0	0.98	24.9	21750	150.0	54000	375	9.4	240	1.285	0.86
1/2	13.0	1.03	26.2	16000	110.0	40000	275.0	9.8	250	1.410	0.95
1/2	13.0	1.14	29.2	21750	150.0	54000	375	10.2	260	1.857	1.25
3/4	19.0	1.42	36.0	16000	110.0	40000	275.0	10.6	270	2.525	1.69

HIGH PRESSURE CLEANING/WASHING HOSE

高压清洗管

Tube: Oil resistant synthetic rubber

Reinforcement: one or two high tensile steel wire braids

Cover: blue or gray Oil resistant, weather resistant synthetic rubber.

Temperature range: -40°C to +110°C **Working Pressure(W.P.):** 3000-6000Psi **Sizes:** 1/4 inch to 3/8 inch

Features:

- 1) Extremely high working pressure
- 2) Resistant to ozone, ultraviolet and Anti-aging
- 3) Outer cover resistance to hydrolysis and microbes

内胶层: 耐油合成橡胶; **增强层:** 一层或两层高强度钢丝编织

外胶层: 耐油、耐候的合成橡胶

工作温度: -40°C to +110°C; **工作压力:** 3000-6000Psi **尺寸:** 1/4 inch ~3/8 inch, 6mm 到 10mm

特性: (1) 极高的耐受压力; (2) 耐臭氧、紫外线, 抗老化; (3) 抗水解和微生物的外层



Concrete Placement Hose
(混凝土管)

CONCRETE PLACEMENT HOSE
混凝土管/砼泵管 (重型混凝土泵送软管 混凝土输送软管)

Features: Suitable for conveying highly abrasive media such as concrete, cement and plaster. Long service life due to abrasion resistant tube.
Inner tube: Black, anti-abrasive special rubber.
Reinforcement: (2 inch to 3 inch) two braids of high-tensile steel wires. (3-1/2 inch to 5 inch) four alternating layers of spiraled high-tensile steel cords.
Cover: Black, oilproof, Anti-abrasion, weather resistant, synthetic rubber
Working pressure: 45bar to 85 bar
Temperature range: -40° F~158° F; (-40°C to +70°C)
Service life: 25000m³.
Type of Coupling: PUTZMEISTER, SCHWING, SANY, ZOOMLINE, etc



特性: 高耐磨设计, 适合输送湿混凝土、石膏或水泥浆混合物等对耐磨要求高的介质。更长的使用寿命。
内胶层: 黑色, 耐磨天然橡胶。
增强层: 2"-3 "两层高强度钢丝编织, 3 1/2"-5" 四层高强度钢丝绳缠绕。
外胶层: 黑色, 耐磨、耐候合成橡胶。
工作压力: 4.5MPa ~ 8.5MPa
工作温度: -40° F~158° F; -40°C ~ +70°C
使用寿命: 约25000立方米。
接头型号: PUTZMEISTER, SCHWING, SANY, ZOOMLINE等。



Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(psi)	(MPa)	(In.)	(mm)	(kg/m)	(lb/ft)
2	50.8	2.70	68.4	1230	8.5	2900	20.0	10.83	275	3.12	2.10
2 1/2	63.5	3.28	83.2	1230	8.5	2900	20.0	11.81	300	4.23	2.86
3	76.2	3.80	96.4	1230	8.5	2900	20.0	13.78	350	5.00	3.38
4	101.6	5.00	127.0	1230	8.5	2900	20.0	15.75	400	8.00	5.40
5	127.0	6.10	155.0	1230	8.5	2900	20.0	19.69	500	10.0	6.76

Special Rubber Hose (特种胶管)

High Pressure Steam Rubber Hose

(高压蒸汽管)

Low Temperature Resistant Hydraulic Hose

(耐低温液压管)

High Pressure Compressed Air Hose

(高压空气管)

Refueller Hose(加油机管)

High pressure steam rubber hose 高压蒸汽管

Tube: black, smooth EPDM, super-steam and water resistance

Reinforcement: one (10 bar) or two (18 bar) high tensile steel wire braid

Cover: red or black, synthetic rubber, heat, corrosion and abrasion resistance rubber

Temperature range: -40°C to +235°C

内胶层: 黑色光滑EPDM, 极好的蒸汽和水耐受性;

增强层: 一层(10 bar)或两层(18 bar)高强度钢丝编织层;

外胶层: 红色或黑色合成橡胶, 耐热、耐腐蚀和耐磨橡胶;

温度范围: -40°C ~ +235°C

I.D		O.D(approx.)		W.P		B.P		M.B.R	Kg	
inch	mm	inch	mm	bar	psi	bar	psi	mm	Kg/m	lbs/ft
1/2	13	0.94	24	10	1450	100	14500	70	0.57	0.39
5/8	16	1.14	29	10	1450	100	14500	80	0.79	0.53
3/4	19	1.26	32	10	1450	100	14500	100	0.91	0.61
1	25	1.54	39	10	1450	100	14500	140	1.26	0.85
1 1/4	32	1.85	47	10	1450	100	14500	200	1.60	1.08
1 1/2	38	2.09	53	10	1450	100	14500	250	1.85	1.25
2	51	2.64	67	10	1450	100	14500	350	2.55	1.72
1/2	13	0.98	24.9	18	2610	180	26100	130	0.72	0.49
5/8	16	1.18	30	18	2610	180	26100	160	0.95	0.64
3/4	19	1.30	33	18	2610	180	26100	190	1.11	0.75
1	25	1.57	40	18	2610	180	26100	250	1.54	1.04
1 1/4	32	1.89	48	18	2610	180	26100	320	1.94	1.31
1 1/2	38	2.13	54	18	2610	180	26100	380	2.24	1.51
2	51	2.68	68	18	2610	180	26100	500	3.02	2.04
2 1/2	64	3.19	81	18	2610	180	26100	630	3.70	2.50
3	76	3.70	94	18	2610	180	26100	750	4.53	3.06

Low temperature resistant hydraulic Hose 耐低温液压管

Application: For medium pressure hydraulic systems of industry and agriculture.

Tube: Black, oil & Low temperature resistant, synthetic rubber.

Reinforcement: One or two braids of high-tensile steel wire.

Cover: Black, oilproof, Anti-abrasion & weather resistant, Low temperature resistant synthetic rubber.

Working Temperature: -50°C to +100°C

Working pressure & Sizes meet standard EN 853 1SN, 2SN

应用领域: 中压液压管路。用于工业、农业，中压液压系统。

内胶管: 黑色，耐油合成橡胶、耐低温。 **增强层:** 一层或两层高强度钢丝编织。

外胶层: 黑色，耐油，抗磨损，耐低温、耐恶劣天气合成橡胶。

工作温度范围: -50°C to +100°C ,压力和尺寸符合EN 853 1SN, 2SN标准

 (一) 区钢丝编织
One braid of High tensile steel wire

Hose ID	Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight		
	(In.)	(mm)	(psi)	(MPa)	(psi)	(MPa)	(In.)	(mm)	kg/m	lb/ft	
1/4	6.4	0.52	13.1	3275	22.5	13100	90.0	3.94	100	0.23	0.16
5/16	7.9	0.58	14.7	3125	21.5	12500	85.0	4.53	115	0.27	0.18
3/8	9.5	0.67	17.1	2600	18.0	10400	72.0	4.92	125	0.36	0.24
1/2	12.7	0.80	20.3	2325	16.0	9300	64.0	7.09	180	0.47	0.32
5/8	15.9	0.92	23.3	1900	13.0	7600	52.0	7.87	200	0.53	0.36
3/4	19.1	1.08	27.4	1525	10.5	6100	42.0	9.45	240	0.66	0.45
1	25.4	1.38	35.1	1275	8.8	5100	35.0	11.81	300	0.98	0.66
1 1/4	31.8	1.69	43.0	925	6.3	3700	25.0	16.54	420	1.29	0.87
1 1/2	38.1	1.95	49.5	725	5.0	2900	20.0	19.69	500	1.53	1.03
2	50.8	2.48	63.0	600	4.0	2400	16.0	24.8	630	2.03	1.37
2 1/2	63.8	3.03	77.0	360	2.5	1440	10.0	29.92	760	2.71	1.83
3	76.0	3.46	88.0	290	2.0	1160	8.0	34.65	880	2.91	1.97

 (二) 区钢丝编织
Two braids of High tensile steel wire

Hose ID	Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight		
	(In.)	(mm)	(psi)	(MPa)	(psi)	(MPa)	(In.)	(mm)	kg/m	lb/ft	
1/4	6.4	0.59	15.1	5800	40.0	23200	160.0	3.94	100	0.38	0.26
5/16	7.9	0.64	16.3	5075	35.0	20300	140.0	4.53	115	0.44	0.30
3/8	9.5	0.74	18.7	4800	33.0	19200	132.0	4.92	125	0.56	0.38
1/2	12.7	0.86	21.8	4000	27.5	16000	110.0	7.09	180	0.66	0.45
5/8	15.9	0.98	25.0	3625	25.0	14500	100.0	7.87	200	0.80	0.54
3/4	19.1	1.14	29.0	3120	21.5	12480	85.0	9.45	240	0.99	0.67
1	25.4	1.43	36.5	2400	16.5	9600	65.0	11.81	300	1.36	0.92
1 1/4	31.8	1.85	47.0	1810	12.5	7240	50.0	16.54	420	2.01	1.36
1 1/2	38.1	2.11	53.6	1300	9.0	5200	36.0	19.69	500	2.35	1.59
2	50.8	2.58	65.6	1175	8.0	4700	32.0	24.80	630	2.75	1.86
2 1/2	63.8	3.07	78.0	720	5.0	2880	20.0	29.92	760	3.56	2.41
3	76.0	3.56	90.5	580	4.0	2320	16.0	34.65	880	4.03	2.72

High pressure compressed air hose 高压空气管

Tube: black, smooth synthetic rubber, super-air and oil mist resistance

Reinforcement: one/two high tensile steel wire braid

Cover: yellow or black, synthetic rubber, heat, corrosion and flame resistance rubber

Temperature range: -40°C to +100°C

内胶层: 黑色光滑合成橡胶，极好的空气和油雾耐受性；

增强层: 一层或两层高强度钢丝编织层；

外胶层: 黄色或黑色合成橡胶，耐热、耐腐蚀和阻燃橡胶；

温度范围: -40°C ~ +100°C

I.D		O.D(approx.)		W.P		B.P		M.B.R	Net Weight	
inch	mm	inch	mm	bar	psi	bar	psi	mm	Kg/m	lbs/ft
1/2	13	0.91	23	40	5800	160	23200	60	0.58	0.39
3/4	19	1.16	29.5	40	5800	160	23200	100	0.84	0.57
1	25	1.48	37.7	40	5800	160	23200	120	1.28	0.86
1 1/4	32	1.85	47	40	5800	160	23200	160	2.01	1.36
1 1/2	38	2.11	53.6	40	5800	160	23200	180	2.35	1.59
2	51	2.58	65.6	40	5800	160	23200	250	2.75	1.86
2 1/2	64	3.07	78	40	5800	160	23200	310	3.56	2.41
3	76	3.70	94	40	5800	160	23200	380	4.03	2.72
4	102	4.96	126	40	5800	160	23200	500	7.62	5.15

Refueller Hose 加油机管

Advantages: it has strong anti fuel and aging ability, It has strong wear resistance and corrosion resistance

Structure:

[inner layer] oil resistant nitrile rubber, black, smooth

[reinforcing layer] fine metal wire braiding

[outer layer] oil resistant synthetic rubber, black, smooth

Operating temperature: - 30 °C to + 55 °C

Conductivity: R < 10² Ω

Executive standard: Hg / T 3037-2008

优点: 具有很强的抗燃油及老化能力, 具有很强耐磨性和抗腐蚀能力

结构:

【内胶层】耐油丁腈橡胶, 黑色, 光滑

【增强层】细金属钢丝编织

【外胶层】耐油性合成橡胶, 黑色, 光滑

工作温度: - 30°C至+ 55°C

导电性能: R < 10²Ω

执行标准: HG/T 3037-2008

I.D		O.D(approx.)		W.P		B.P		M.B.R	Kg	
inch	mm	inch	mm	bar	psi	bar	psi	mm	Kg/m	lbs/ft
1/4	6	0.63	16	16	230	48	690	50	0.33	0.22
3/8	10	0.77	19.5	16	230	48	690	55	0.42	0.29
1/2	13	0.94	24	16	230	48	690	60	0.56	0.38
5/8	16	1.01	25.6	16	230	48	690	80	0.57	0.39
3/4	19	1.13	28.8	16	230	48	690	100	0.67	0.45
1	25	1.38	35	16	230	48	690	150	0.83	0.56
1 1/4	32	1.73	44	16	230	48	690	175	1.25	0.84
1 1/2	38	1.97	50	16	230	48	690	225	1.45	0.98

Hydraulic Hose Assembly 液压胶管总成

Fitting Material: 304, 316, 316L, brass & Stainless steel & Carbon steel zinc plating.

Hose Material: synthetic rubber

Working pressure: Max. 6,000 psi.

Working Temperature: -40 to 120 ° C

Thread: BSP, JIC, SAE, UNF, METRIC, NPT, BSPT, DIN2999...etc.

Connection: Male / Female.

Package: Label with necessary information on products, Packaged in plastic bags, Plastic bags in carton boxes, Carbon boxes in wooden pallets or as per customers' request.

Note: Standard or Non-standard as per sample or drawing are all available.

接头材质: 304, 316, 316L, 铜和不锈钢, 镀锌碳钢。

胶管材质: 合成橡胶。

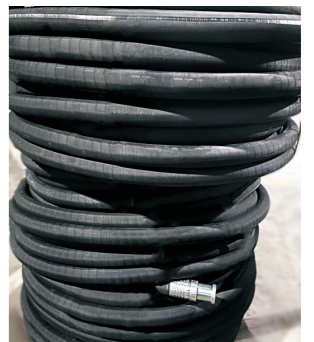
工作压力: 最大6000PSI

螺纹: BSP, JIC, SAE, UNF, METRIC, NPT, BSPT, DIN2999等。

接头: 公/母。

包装: 必要的产品信息标签, 塑料袋包裹放箱内然后打托盘。或根据客户要求。

注意: 根据标准或非标准的样品或图纸也可定做。



1. Swaged Metric Fittings	Metric Flat Seal Fittings	4. Staplelok Fittings	Banjo Double connection	
	Metric Multiseal Fittings		interlock Hose Fittings	
	Metric 60° Cone Seal Fittings		FERRULE for SAE100R1AT/ EN 853 1SN HOSE	
	Metric 74° Cone Seal Fittings		FERRULE for SAE100R1A EN 853 1ST HOSE	
	Metric 24° Cone O-RING Seal L.T Fittings		FERRULE for SAE100R2AT/DIN20022 2SN HOSE	
	Metric 24° Cone O-RING Seal H.T. Fittings		FERRULE for SAE100R2A/EN 853 2SN HOSE	
	Metric Standpipe Straight Fittings		FERRULE for SAE100R1AT-R2AT, EN853 1SN-2SN and EN 857 2SC	
	JIS Metric 60° Cone Seal Fitting		FERRULE for 4SP, 4SH/10-16, R12-06-16 HOSE	
2. Swaged British Fittings	BSP O-RING Seal Fittings	5. Ferrule	FERRULE for 4SH, R12/32 HOSE	
	BSP Flat Seal Fittings		Metric Thread O-RING Face Seal Adapters	
	BSP Multiseal Fittings		Metric Thread Bite Type Tube Adapters	
	BSP 60° Cone Seal Fittings		JIS Metric Thread 60° Cone Adapters	
	BSPT Fittings		Metric Thread 74° Cone Flared Tube Adapters	
	JIS BSP 60° Cone Seal Fittings		BSP Thread 60° Cone Adapters	
	SAE O-RING Seal Fittings		JIS BSP Thread 60° Cone Adapters	
	ORFS Flat Seal Fittings		BSPT Thread Adapters	
3. Swaged American Fittings	NPSM 60° Cone Seal Fittings	6. Metric Adapters	ORFS Adapters JIC 74° Cone Flared Tube Adapters	
	JIC 74° Cone Seal Fittings		NPT Thread Adapters	
	NPT Fittings SAE Flange L.T. Fittings			
	SAE Flange H.T. Fittings			
		7. British Adapters		
			8. American Adapters	

Hose Sheath (胶管护套)

- Arc spiral sheath
(弧面螺旋护套)
- Flat spiral sheath
(平面螺旋护套)
- Polyester non shrink textile sleeve
(涤纶不收缩纺织套管)
- Nylon non shrink textile sleeve
(尼龙不收缩纺织套管)

Arc spiral sheath 弧面螺旋护套

产品介绍 Product introduction

弧面螺旋护套可以为电线和胶管提供最大限度的耐磨保护，同时可以保护各种不同温度下的电线和胶管不受紫外线腐蚀。可直接缠绕在有接头的电线，电缆上。使用后可以延长被套物的使用寿命、降低成本、安装方便。

The arc spiral sheath can provide maximum wear-resistant protection for wires and hoses, and protect wires and hoses at different temperatures from ultraviolet corrosion. It can be directly wound on wires and cables with joints. After use, the utility model can prolong the service life of the quilt cover, reduce the cost and facilitate the installation

产品应用 Product application

主要应于液压软管、气压管道及电缆等产品的保护。通过产品外部加装螺旋管，全面提升产品的耐磨、绝缘、阻燃、耐油、抗紫外线等性能，从而增加产品的使用寿命，并能起到整理、美化的作用。

It is mainly used for the protection of hydraulic hose, pneumatic pipeline, cable and other products. The spiral pipe is installed outside the product to comprehensively improve the wear resistance, insulation, flame retardant, oil resistance, UV resistance and other properties of the product, so as to increase the service life of the product and play the role of finishing and beautification.

技术参数 Technical parameters:

材质 material	聚丙烯PP、聚乙烯PE
工作温度 working temperature	-40℃ ~ +105℃ (聚丙烯) -40℃ ~ +80℃ (聚乙烯)
认证 authentication	RoHS ,MSHA ,TUV
标准颜色 Standard color	黑色 black
裁切工具 crop tool	剪刀 scissors
其他特性 Other features	耐磨、耐溶剂、抗紫外线 Wear resistance, solvent resistance and UV resistance

产品规格 Product specification:

型号 Specifications	外径 OD	内径 ID	壁厚 (W)	螺距 (P)
010	10.0±1	7.8±1	1.1±0.15	9.5±1
012	12.0±1	9.6±1	1.2±0.15	10.5±1
016	16.0±1	13.4±1	1.35±0.15	12±1
020	20.0±1	16.0±1	1.45±0.15	15±1
025	25.0±2	20.6±2	2.05±0.15	16±1
028	28.0±2	22.2±2	2.15±0.15	18±1
030	30.0±2	25.0±2	2.15±0.15	19±1
032	32.0±2	27.0±2	2.30±0.15	19±1
038	38.0±2	32.2±2	2.45±0.25	20±1
040	40.0±2	34.6±2	2.70±0.30	22±1
050	48.5±3	41.5±3	2.80±0.30	30±1
063	62.6±3	56.0±3	3.20±0.30	35±2
075	75.0±4	66.2±4	3.40±0.30	36±2
090	90.0±5	80.2±5	4.20±0.40	42±2
110	110±6	99.0±6	4.40±0.40	48±3
125	125±6	113.2±6	4.70±0.40	50±3

Flat spiral sheath 平面螺旋护套

产品介绍 Product introduction

平面螺旋护套可以为电线和胶管提供最大限度的耐磨保护，同时可以保护各种不同温度下的电线和胶管不受紫外线腐蚀。可直接缠绕在有接头的电线，电缆上。使用后可以延长被套物的使用寿命、降低成本、安装方便。与弧面螺旋护套，平面螺旋护套更加耐磨。

The flat spiral sheath can provide maximum wear-resistant protection for wires and hoses, and protect wires and hoses at different temperatures from ultraviolet corrosion. It can be directly wound on wires and cables with joints. After use, the utility model can prolong the service life of the quilt cover, reduce the cost and facilitate the installation. Compared with the arc spiral sheath, the plane spiral sheath is more wear-resistant.

产品应用 Product application

主要应用于液压软管、气压管道及电缆等产品的保护。通过产品外部加装螺旋管，全面提升产品的耐磨、绝缘、阻燃、耐油、抗紫外线等性能，从而增加产品的使用寿命，并能起到整理、美化的作用。

It is mainly used for the protection of hydraulic hose, pneumatic pipeline, cable and other products. The spiral pipe is installed outside the product to comprehensively improve the wear resistance, insulation, flame retardant, oil resistance, UV resistance and other properties of the product, so as to increase the service life of the product and play the role of finishing and beautification.

技术参数 Technical parameters:

材质 material	高密度聚乙烯 (HDPE)
工作温度 working temperature	-40℃ ~ +80℃
认证 authentication	RoHS, REACH
标准颜色 Standard color	黑色 black
裁切工具 crop tool	剪刀 scissors
其他特性 Other features	耐磨、耐溶剂、抗紫外线 Wear resistance, solvent resistance and UV resistance

产品规格 Product specification:

型号 Specifications	外径 OD	内径 ID	壁厚 (W)	螺距 (P)
010	10.0±1	7.8±1	1.1±0.15	9.5±1
012	12.0±1	9.6±1	1.2±0.15	10.5±1
016	16.0±1	13.4±1	1.4±0.15	12±1
020	20.0±1	16.0±1	1.5±0.20	15±1
025	25.0±2	20.6±2	2.2±0.20	16±1
028	28.0±2	22.2±2	2.3±0.2	18±1
032	32.0±2	27.0±2	2.4±0.20	19±1
038	38.0±2	32.2±2	2.5±0.25	20±1
040	40.0±2	34.6±2	2.8±0.30	22±1
050	48.5±3	41.5±3	2.9±0.30	30±1
063	62.6±3	56.0±3	3.3±0.30	35±2
075	75.0±4	66.2±4	3.5±0.40	36±2
090	90.0±5	80.2±5	4.3±0.40	42±2
110	110±6	99.0±6	4.5±0.40	48±3
125	125±6	113.2±6	4.8±0.40	50±3

Polyester non shrink textile sleeve 涤纶不收缩纺织套管

产品介绍 Product introduction

涤纶不收缩纺织套管由高性能聚酯复丝纺织而成。具有抗拉力强、防腐防爆、防磨降噪及吸湿防尘等优点。

Polyester non shrink textile sleeve is made of high-performance polyester multifilament. It has the advantages of strong tensile resistance, anti-corrosion and explosion-proof, anti-wear, noise reduction, moisture absorption and dust prevention

产品应用 Product application

主要用于机械设备的液压管、油管、气管及其他管材的耐磨和防爆保护，特别适用于在恶劣环境下工作的管件。

It is mainly used for wear-resistant and explosion-proof protection of hydraulic pipes, oil pipes, gas pipes and other pipes of mechanical equipment, especially for pipe fittings working in harsh environment.

技术参数 Technical parameters:

材质 material	涤纶 Polyester
工作温度 working temperature	-40℃ ~ +125℃
熔点 melting point	240±10℃
标准颜色 Standard color	RoHS, MSHA
裁切工具 crop tool	黑色 black
其他特性 Other features	裁切机 Cutting machine, 剪刀 scissors

产品规格 Product specification:

型号 Specifications	折径 W	壁厚 W
017	30±2	0.8
020	35±2	0.8
023	39±2	0.8
025	42±2	0.8
027	46±2	0.8
031	52±2	0.8
033	55±2	0.8
036	60±2	0.8
040	66±2	0.8
044	72±2	0.8
047	77±2	0.8
053	86±2	0.8
056	91±2	0.8
060	97±2	0.8
066	107+4/-2	0.8
073	118+4/-2	0.8
078	126+4/-2	0.8
085	137+4/-2	0.8
093	149+4/-2	0.8
112	179+4/-2	0.8

Nylon non shrink textile sleeve

尼龙不收缩纺织套管

产品介绍 Product introduction

尼龙不收缩纺织套管由尼龙复丝纺织而成。具有表面光滑、抗拉力强、防爆防腐、防磨降噪、吸湿防尘等特点。尼龙不收缩纺织套管相比涤纶不收缩纺织套管具有更好的耐磨性及柔软性。

Nylon non shrink textile sleeve is made of nylon multifilament. It has the characteristics of smooth surface, strong tensile resistance, explosion-proof and anti-corrosion, anti-wear and noise reduction, moisture absorption and dust prevention. Nylon non shrink textile sleeve has better wear resistance and softness than polyester non shrink textile sleeve.

产品应用 Product application

主要用于机械设备的液压管、油管、气管及其他管材的耐磨和防爆保护，特别适用于在恶劣环境下工作的管件。It is mainly used for wear-resistant and explosion-proof protection of hydraulic pipes, oil pipes, gas pipes and other pipes of mechanical equipment, especially for pipe fittings working in harsh environment.

技术参数 Technical parameters:

材质 material	尼龙 Nylon
工作温度 working temperature	-40℃ ~ +125℃
熔点melting point	240±10℃
标准颜色 Standard color	RoHS,MSHA
裁切工具 crop tool	黑色black
其他特性 Other features	裁切机Cutting machine, 剪刀scissors

产品规格 Product specification:

型号 Specifications	折径 W	壁厚 W
017	30±2	1.2
020	35±2	1.2
023	39±2	1.2
025	42±2	1.2
027	46±2	1.2
031	52±2	1.2
033	55±2	1.2
036	60±2	1.2
040	66±2	1.2
044	72±2	1.2
047	77±2	1.2
053	86±2	1.2
056	91±2	1.2
060	97±2	1.2
066	107+4/-2	1.2
073	118+4/-2	1.2
078	126+4/-2	1.2
085	137+4/-2	1.2
093	149+4/-2	1.2
112	179+4/-2	1.2

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