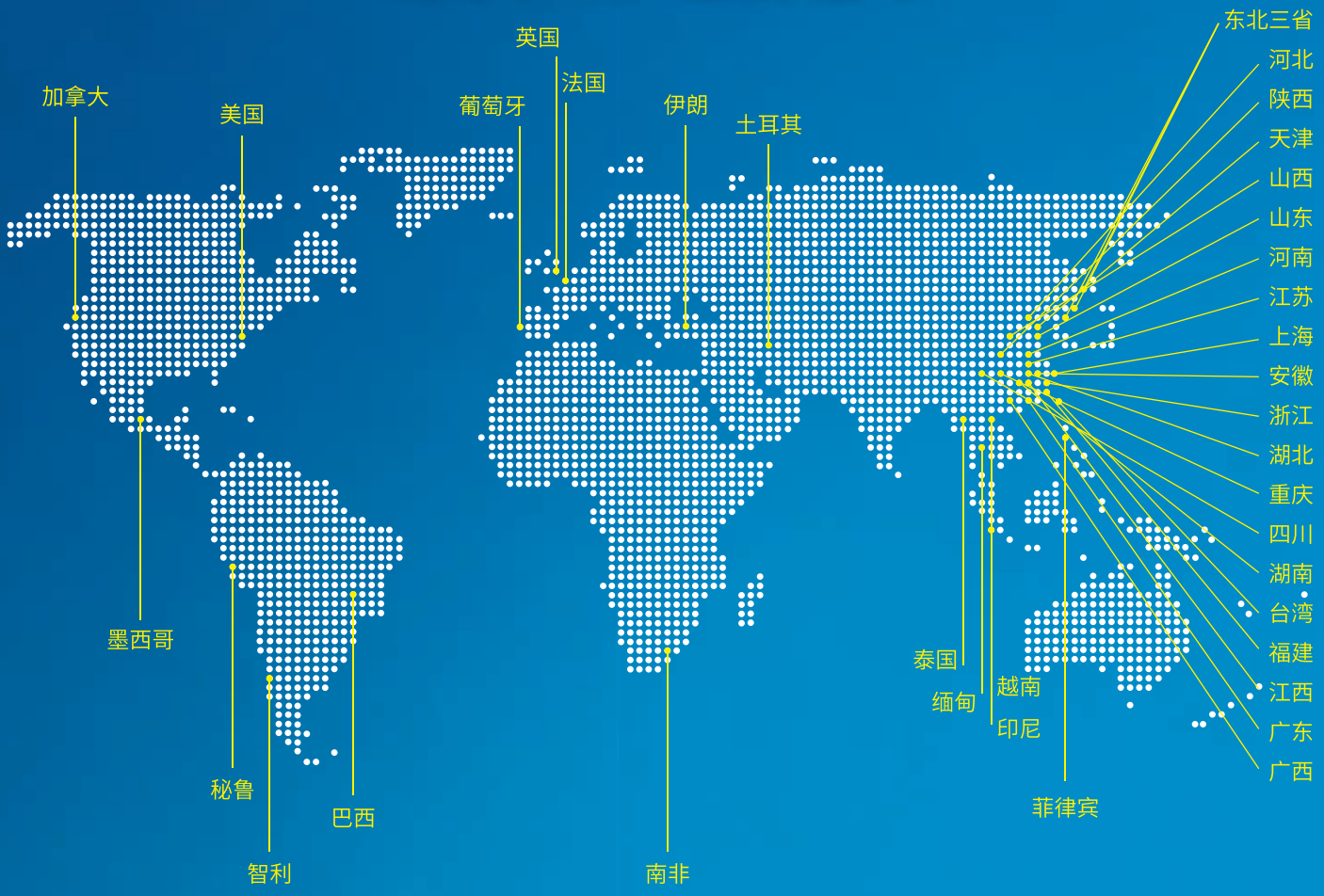


和峻（广州）胶管有限公司

WOJUN(GUANGZHOU)RUBBER CO., LTD

源于广州·服务全球



和峻（广州）胶管有限公司
WOJUN(GUANGZHOU)RUBBER CO., LTD　TEL：400-886-9596　www.gzwojun.net

地址：广州市花都区梯面镇联民工业区
电话：+86-(0)20-86782928
传真：+86-(0)20-86782918
邮箱：sales@gzwojun.net

ADD:Lianmin Industrial Park, Timian Town,
Huadu District, Guangzhou of China.
TEL: +86-(0)20-86782928
FAX: +86-(0)20-86782918
E-mail: sales@gzwojun.net

子公司：
天津金天河液压胶管企业有限公司
地址：天津市南开区黄河道南泥湾路新南马路五金城三区 2 栋 36-37 号
电话：13512966069/022-27711981

虹焕广告：020-34241782 13711765572

走进我们

和峻（广州）胶管有限公司，位于广州市花都区梯面镇，公司占地面积 10 万平方米。商标为“WOJUN”、“LIEBAO”，是广东省高新技术企业。

2015 年始，和峻在前海股权交易中心挂牌，企业代码为 666982。 和峻公司，年产量 800 万标米以上、产值过亿、专业生产橡胶软管的企业。公司产品有：高压编织软管、高压和超高压钢丝缠绕软管、高温、低温油气软管、吸油软管、喷浆管、低烟管、彩色软管等各类软管及软管总成，品种齐全，种类繁多。软管广泛用于工程机械、煤矿机械、石油化工、冶金、矿山、建筑及高铁、汽车交通运输等领域。胶管目前 60% 内销，40% 出口到欧美等世界各地。

公司拥有 12 项专利，是广州市企业研发机构。建立健全三大管理体系：ISO19001 质量管理体系认证、ISO14001 环境管理体系认证、OHSAS/ISO45001 职业健康安全管理体系认证；并拥有多项证书，如中国船级认证证书、煤安证书、美国阻燃 MSHA 证书等。

为了公司可持续发展，注重以人为本，具有稳定的职工队伍、优秀的管理团队和专业的研究开发部门。同时引进了国外先进的生产和检测设备，如意大利 VP 编织和缠绕机、韩国编织机、德国 SIKORA 测厚仪、意大利 BIMAL 脉冲实验台、台湾 U-CAN 耐臭氧试验仪和拉力试验机等。

构建核心竞争力

驱动持续创新

打造百年企业



ABOUT US

WOJUN (Guangzhou) Rubber Co., Ltd is located in Timian town, Huadu District in Guangzhou City. the factory covers an area of one hundred thousand square meters and have two trademarks "WOJUN" & "LIEBAO". WOJUN listed in QianHai Equity Trading Center at 2015, the stock code is 666982.

WOJUN specialize hydraulic hose, the production capacity is more than 16 million meters and the output value is more than 15 million U.S.dollars per year. The products include steel wire braided and sprial hydraulic hose and assemblies, suction hose, yellow air hose, fiber vamac hose, red steam hose, heavy duty concrete pumping hose, refuel hose, low pressure oil hose etc. And the hoses are widely used in engineering machinery, coal machinery, mining petrochemicals, metallurgy, construction and automotive transportation and other fields. There are 40% of hoses are sold all over the world and 60% of hoses are sold domesticly.

WOJUN has patents, establish and perfect various management systems, has made ISO19001, MSHA of USA, China Classification Society certification, ISO14001, OHSAS/ISO45001 and so on.

For the company's sustainable development, pay attention to people-oriented, with a stable workforce, excellent management team and professional research and development departments, meanwhile we import VP wire braid & sprial machines, SIKORA online monitoring and control of wall thickness and diameter of the production equipment, BIMAL impulse test stands, U-CAN ozonetester chamber and tesile strength tester from Italy, Germany and Taiwan.

Our Vision:

To build core competitiveness

Persist in innovation

Build a hundred years of enterprise



资质荣誉

CERTIFICATES

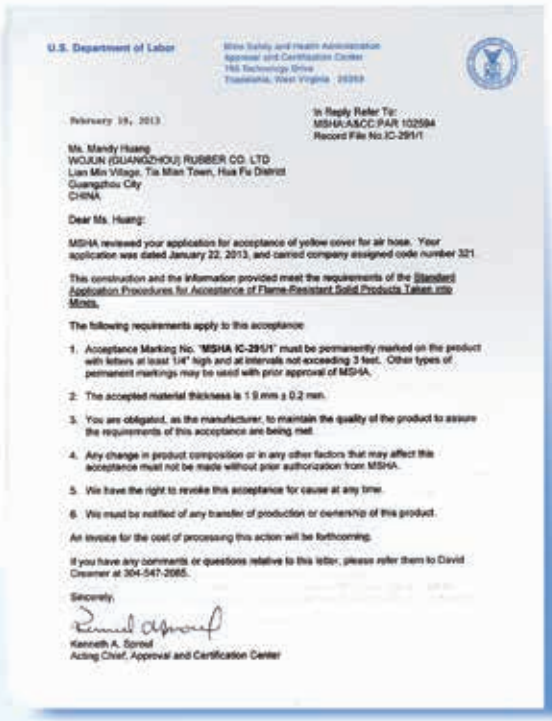












U.S. Department of Labor

Mine Safety and Health Administration
Approval and Certification Center
765 Technology Drive
Triadelphia, West Virginia 26059

February 19, 2013

In Reply Refer To:
MSHA:A&CC:PAR 102594
Record File No.IC-291/1

Ms. Mandy Huang
WOJUN (GUANGZHOU) RUBBER CO. LTD
Lian Min Village, Tia Mian Town, Hua Fu District
Guangzhou City
CHINA

Dear Ms. Huang:

MSHA reviewed your application for acceptance of yellow cover for air hose. Your application was dated January 22, 2013, and carried company assigned code number 321.

This construction and the information provided meet the requirements of the Standard Application Procedures for Acceptance of Flame-Resistant Solid Products Taken into Mines.

The following requirements apply to this acceptance:

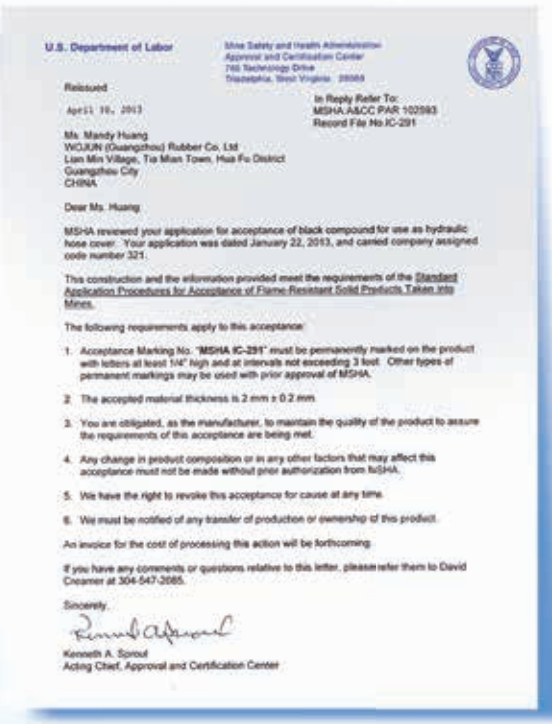
1. Acceptance Marking No. "MSHA IC-291/1" must be permanently marked on the product with letters at least 1/4" high and at intervals not exceeding 3 feet. Other types of permanent markings may be used with prior approval of MSHA.
2. The accepted material thickness is 1.9 mm ± 0.2 mm.
3. You are obligated, as the manufacturer, to maintain the quality of the product to assure the requirements of this acceptance are being met.
4. Any change in product composition or in any other factors that may affect this acceptance must not be made without prior authorization from MSHA.
5. We have the right to revoke this acceptance for cause at any time.
6. We must be notified of any transfer of production or ownership of this product.

An invoice for the cost of processing this action will be forthcoming.

If you have any comments or questions relative to this letter, please refer them to David Creamer at 304-547-2085.

Sincerely,

Kenneth A. Sproul
Acting Chief, Approval and Certification Center



U.S. Department of Labor

Mine Safety and Health Administration
Approval and Certification Center
765 Technology Drive
Triadelphia, West Virginia 26059

Reissued

April 30, 2013

In Reply Refer To:
MSHA:A&CC:PAR 102593
Record File No.IC-291

Ms. Mandy Huang
WOJUN (Guangzhou) Rubber Co. Ltd
Lian Min Village, Tia Mian Town, Hua Fu District
Guangzhou City
CHINA

Dear Ms. Huang:

MSHA reviewed your application for acceptance of black compound for use as hydraulic hose cover. Your application was dated January 22, 2013, and carried company assigned code number 321.

This construction and the information provided meet the requirements of the Standard Application Procedures for Acceptance of Flame-Resistant Solid Products Taken into Mines.

The following requirements apply to this acceptance:

1. Acceptance Marking No. "MSHA IC-291" must be permanently marked on the product with letters at least 1/4" high and at intervals not exceeding 3 feet. Other types of permanent markings may be used with prior approval of MSHA.
2. The accepted material thickness is 2 mm ± 0.2 mm.
3. You are obligated, as the manufacturer, to maintain the quality of the product to assure the requirements of this acceptance are being met.
4. Any change in product composition or in any other factors that may affect this acceptance must not be made without prior authorization from MSHA.
5. We have the right to revoke this acceptance for cause at any time.
6. We must be notified of any transfer of production or ownership of this product.

An invoice for the cost of processing this action will be forthcoming.

If you have any comments or questions relative to this letter, please refer them to David Creamer at 304-547-2085.

Sincerely,

Kenneth A. Sproul
Acting Chief, Approval and Certification Center



证书编号：GZDJR2015141487

广州市科技创新小巨人企业

证　书

企业名称：和峻（广州）股管有限公司　　认定年度：2015年度



矿用产品安全标志证书

管理体系

MANAGEMENT SYSTEM



车间生产
Producing Shop





检测设备
Testing Machine







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EB31

(EN853 1ST/1SN、SAE 100R1AT、
GB/T 3683、ISO1436)

一层钢丝编织液压软管

A SINGLE STEEL WIRE BRAIDED HYDRAULIC HOSE



型号 TYPE	软管规格 HOSE SIZE			内径 I.D		增强层直径 W.D		外径 O.D				最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R		参考重量 W.T
								1ST		1SN/R1ATS								
	Dash	mm	inch	最小 Min	最大 Max	最小 Min	最大 Max	最小 Min	最大 Max	最小 Min	最大 Max	MPa	Psi	MPa	Psi	inch	mm	kg/m
EB31-0501	-3	5	3/16	5.0	5.4	9.1	9.9	12.3	13.1	11.1	11.9	25.0	3625	100.0	14500	3.54	90	0.20
EB31-0601	-4	6.3	1/4	6.5	6.9	10.8	11.6	15.4	16.4	12.7	13.7	22.5	3260	90.0	13050	3.94	100	0.25
EB31-0801	-5	8	5/16	8.0	8.5	12.3	13.1	17.0	18.0	14.3	15.3	21.5	3120	85.0	12325	4.53	115	0.26
EB31-1001	-6	10	3/8	9.5	10.0	14.7	15.5	19.3	20.3	16.6	17.6	18.0	2610	72.0	10440	5.12	130	0.36
EB31-1301	-8	12.5	1/2	12.7	13.3	17.8	18.6	22.5	23.5	19.7	20.7	16.0	2320	64.0	9280	7.09	180	0.43
EB31-1601	-10	16	5/8	15.9	16.7	20.8	21.8	25.6	26.8	22.7	23.9	13.0	1885	52.0	7540	7.87	200	0.52
EB31-1901	-12	19	3/4	18.9	19.7	24.4	25.6	29.6	30.8	26.8	28.0	10.5	1520	42.0	6090	9.45	240	0.65
EB31-2201	-14	22	7/8	22.0	22.8	27.2	28.4	32.0	33.2	29.6	30.8	10.0	1450	40.0	5800	11.2	280	0.71
EB31-2501	-16	25	1	25.4	26.2	32.3	33.3	37.5	38.7	34.6	35.8	8.8	1280	35.0	5075	11.81	300	0.98
EB31-3201	-20	31.5	1-1/4	32.0	32.8	39.4	40.6	45.4	46.6	42.0	43.2	6.3	910	25.0	3625	16.54	420	1.2
EB31-3801	-24	38	1-1/2	38.1	39.0	45.6	46.8	51.8	53.0	48.9	50.1	5.0	725	20.0	2900	19.69	500	1.70
EB31-5101	-32	51	2	50.8	51.8	58.9	60.5	65.9	67.5	62.9	64.5	4.0	580	16.0	2320	24.80	630	2.00
EB31-6301	-40	63	2-1/2	64.0	65.0	72.8	74.4	—	—	76.8	78.4	2.5	362	10.0	1450	29.92	760	2.50
EB31-7601	-48	76	3	76.0	77.0	86.0	87.6	—	—	90.8	92.4	2.0	290	8.0	1160	35.40	900	3.33
EB31-8901	-56	89	3-1/2	89.0	90.0	98.6	100.6	—	—	103.2	105.2	2.0	290	8.0	1160	43.30	1100	4.0
EB31-10201	-64	102	4	102.0	103.0	112.4	114.4	—	—	117.0	119.4	1.8	260	7.2	1045	51.20	1300	4.6

注：1ST 型为在型号后加 ST，示例：EB31-0601ST。1SN/R1ATS 型在型号后加 SN，示例：EB31-0601SN。
编号后面加 “G” 代表耐高温液压介质，最高油温 135°C。示例：EB31G-1901SN。

结构：

软管由耐油合成橡胶内胶层，一层钢丝编织增强层和耐油耐候合成橡胶外胶层组成。

应用：

适用于输送石油基液压油、水基流体、乙二醇水溶液等的液压系统，温度范围为 -40°C～ +100°C (G 型 135°C)

CONSTRUCTION:

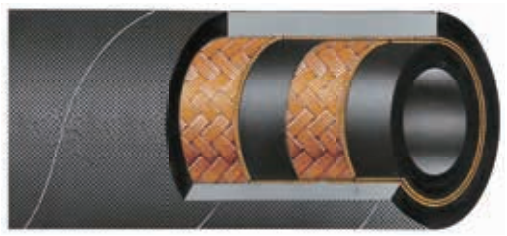
This hose shall consist of an oil resistant synthetic rubber, one steel wire braid reinforcement and an oil and weather resistant synthetic rubber cover.

APPLICATIONS:

Suitable for petroleum-based hydraulic fluids, water-based fluids, glycol aqueous solution etc. Working temperature: -40 °C ～ +100 °C（TypeG up to 135°C)

EB32

(EN853 2ST/2SN、SAE 100R2AT、GB/T 3683、ISO1436)



二层钢丝编织液压软管

TWO WIRE BRAIDED HYDRAULIC HOSE

型号 TYPE	软管规格 HOSE SIZE			内径 I.D		增强层直径 W.D		外径 O.D				最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R		参考重量 W.T
								2ST		2SN/R2ATS								
	Dash	mm	inch	最小 Min	最大 Max	最小 Min	最大 Max	最小 Min	最大 Max	最小 Min	最大 Max	MPa	Psi	MPa	Psi	inch	mm	kg/m
EB32-0502	-3	5	3/16	5.0	5.4	10.8	11.6	15.4	16.4	12.8	13.6	41.5	6020	165.0	23925	3.54	90	0.31
EB32-0602	-4	6.3	1/4	6.5	6.9	12.2	13.2	17.0	18.0	14.4	15.4	40.0	5800	160.0	23200	3.94	100	0.39
EB32-0802	-5	8	5/16	8.0	8.5	13.8	14.8	18.2	19.2	15.9	16.9	35.0	5075	140.0	20300	4.53	115	0.44
EB32-1002	-6	10	3/8	9.5	10.0	16.2	17.2	20.9	21.9	18.2	19.2	33.0	4785	132.0	19140	5.12	130	0.54
EB32-1302	-8	12.5	1/2	12.7	13.3	19.3	20.3	24.1	25.1	21.3	22.3	27.5	3990	110.0	15950	7.09	180	0.66
EB32-1602	-10	16	5/8	15.9	16.7	22.4	23.6	27.2	28.4	24.5	25.7	25.0	3625	100.0	14500	7.87	200	0.80
EB32-1902	-12	19	3/4	18.9	19.7	26.4	27.6	31.2	32.4	28.4	29.6	21.5	3120	86.0	12470	9.45	240	0.95
EB32-2202	-14	22	7/8	22.0	22.8	29.0	30.2	33.8	35.0	31.4	32.6	17.5	2537	70.0	10150	11.02	280	1.04
EB32-2502	-16	25	1	25.4	26.2	34.0	35.2	39.1	40.3	36.4	37.6	16.5	2390	65.0	9425	11.81	300	1.41
EB32-3202	-20	31.5	1-1/4	32.0	32.8	43.2	44.4	50.2	51.4	45.8	47.0	12.5	1810	50.0	7250	16.54	420	2.15
EB32-3802	-24	38	1-1/2	38.1	39.0	49.5	50.7	56.6	57.8	52.5	53.7	9.0	1305	36.0	5220	19.69	500	2.25
EB32-5102	-32	51	2	50.8	51.8	62.1	63.7	69.0	70.6	65.1	66.7	8.0	1160	32.0	4640	24.80	630	3.00
EB32-6302	-40	63	2-1/2	64.0	65.0	74.8	76.4	—	—	78.8	80.4	7.0	1015	28.0	4060	29.92	760	3.54
EB32-7602	-48	76	3	76.0	77.0	77.8	89.4	—	—	93.8	95.4	4.0	580	16.0	2320	35.40	900	4.50
EB32-8902	-56	89	3-1/2	89.0	90.0	100.4	102.4	—	—	105	107	4.5	655	18.0	2610	43.30	1100	5.00
EB32-10202	-64	102	4	102.0	103.0	114.0	116.0	—	—	119	121	3.5	510	14.0	2030	51.20	1300	5.70

注：2ST 型为在型号后加 ST，示例：EB32-0602ST。2SN/R2ATS 型在型号后加 SN，示例：EB32-0602SN。
编号后面加“G”代表耐高温液压介质，最高油温 135℃。示例：EB32G-1902SN。

结构：

软管由耐油合成橡胶内胶层，两层钢丝编织增强层和耐油耐候合成橡胶外胶层组成。

应用：

适用于输送石油基液压油、水基流体、乙二醇水溶液等的液压系统，温度范围为 -40°C～ +100°C (G 型 135°C)

CONSTRUCTION:

This hose shall consist of an oil resistant synthetic rubber, two steel wire braids reinforcement and an oil and weather resistant synthetic rubber cover.

APPLICATIONS:

Suitable for petroleum-based hydraulic fluids, water-based fluids, glycol aqueous solution etc. Working temperature: -40 °C ～ +100 °C（TypeG up to 135°C）.

EB71

(EN857 1SC、ISO 11237)

1SC 紧凑型一层钢丝编织液压软管

1SC COMPACT TYPE A SINGLE WIRE BRAIDED HYDRAULIC HOSE



型号 TYPE	软管规格 HOSE SIZE			内径 I.D		增强层直径 W.D		外径 O.D		最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R		参考重量 W.T
	Dash	mm	inch	最小 Min	最大 Max	最小 Min	最大 Max	最小 Min	最大 Max	MPa	Psi	MPa	Psi	inch	mm	kg/m
EB71-0601SC	-4	6.3	1/4	6.5	6.9	10.0	10.8	12.6	13.4	22.5	3260	90.0	13050	2.95	75	0.21
EB71-0801SC	-5	8	5/16	8.0	8.5	11.2	12.0	13.5	14.5	21.5	3120	86.0	12470	3.35	85	0.23
EB71-1001SC	-6	10	3/8	9.5	10.0	13.0	14.0	15.5	16.5	18.0	2610	72.0	10440	3.54	90	0.30
EB71-1301SC	-8	12.5	1/2	12.7	13.3	16.5	17.5	18.9	19.9	16.0	2320	64.0	9280	5.12	130	0.39
EB71-1601SC	-10	16	5/8	15.9	16.7	19.9	20.9	22.1	23.1	13.0	1885	52.0	7540	5.91	150	0.47
EB71-1901SC	-12	19	3/4	18.9	19.7	23.3	24.3	25.5	26.5	10.5	1520	42.0	6090	7.09	180	0.55
EB71-2501SC	-16	25	1	25.4	26.2	30.8	31.8	33.1	34.3	8.8	1280	35.2	5100	9.06	230	0.84





结构：

软管由耐油合成橡胶内胶层，一层钢丝编织增强层和耐油耐候合成橡胶外胶层组成。

应用：

适用于输送石油基液压油、水基流体、乙二醇水溶液等的液压系统，温度范围为 -40°C～ +100°C (G 型 135°C)

CONSTRUCTION:

This hose shall consist of an oil resistant synthetic rubber, one steel wire braid reinforcement and an oil and weather resistant synthetic rubber cover.

APPLICATIONS:

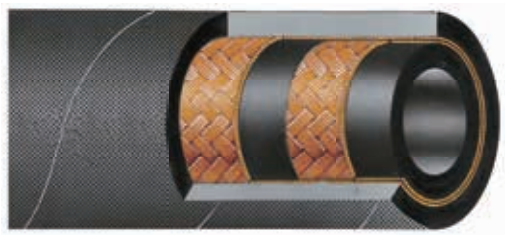
Suitable for petroleum-based hydraulic fluids, water-based fluids, glycol aqueous solution etc. Working temperature: -40 °C ～ +100 °C（TypeG up to 135°C)

EB72

(EN857 2SC、ISO 11237)

2SC 紧凑型两层钢丝编织液压软管

2SC COMPACT TYPE TWO WIRE BRAIDED HYDRAULIC HOSE



型号 TYPE	软管规格 HOSE SIZE			内径 I.D		增强层直径 W.D		外径 O.D		最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R		参考重量 W.T
	Dash	mm	inch	最小 Min	最大 Max	最小 Min	最大 Max	最小 Min	最大 Max	MPa	Psi	MPa	Psi	inch	mm	kg/m
EB72-0602SC	-4	6.3	1/4	6.5	6.9	11.0	11.8	12.9	13.9	40.0	5800	160.0	23200	2.95	75	0.29
EB72-0802SC	-5	8	5/16	8.0	8.5	12.6	13.4	14.5	15.5	35.0	5075	140.0	20300	3.35	85	0.34
EB72-1002SC	-6	10	3/8	9.5	10.0	14.8	15.6	16.7	17.7	33.0	4785	132.0	19140	3.54	90	0.44
EB72-1302SC	-8	12.5	1/2	12.7	13.3	18.3	19.1	20.2	21.2	27.5	3990	110.0	15950	5.12	130	0.64
EB72-1602SC	-10	16	5/8	15.9	16.7	21.5	22.3	23.5	24.5	25.0	3625	100.0	14500	6.69	170	0.70
EB72-1902SC	-12	19	3/4	18.9	19.7	25.0	26.0	27.2	28.2	21.5	3120	86.0	12470	7.87	200	0.83
EB72-2502SC	-16	25	1	25.4	26.2	32.8	33.8	35.2	36.4	16.5	2390	66.0	9570	9.84	250	1.23

注：编号后加“K”为高压紧凑型两层钢丝编织液压管 2SCK，示例：EB72-1302SCK
Remark: About 2SCK imformation, please contact us.





结构：

软管由耐油合成橡胶内胶层，两层钢丝编织增强层和耐油耐候合成橡胶外胶层组成，外观有黑色光面或布纹。

应用：

适用于输送石油基液压油、水基流体、乙二醇水溶液等的液压系统，温度范围为 -40°C～ +100°C。

CONSTRUCTION:

This hose shall consist of an oil resistant synthetic rubber, two steel wire braids reinforcement and an oil and weather resistant synthetic rubber cover.

APPLICATIONS:

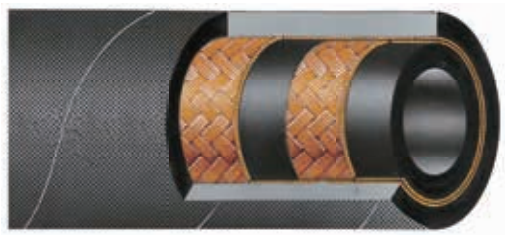
Suitable for petroleum-based hydraulic fluids, water-based fluids, glycol aqueous solution etc. Working temperature:-40°C～ +100°C .

RB16

(SAE 100 R16)

R16 紧凑型钢丝增强液压软管

R16 COMPACT TYPE WIRE BRAIDED HYDRAULIC HOSE



型号 TYPE	软管规格 HOSE SIZE			内径 I.D		增强层直径 W.D		外径 O.D		最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R		参考重量 W.T
	Dash	mm	inch	最小 Min	最大 Max	最小 Min	最大 Max	最小 Min	最大 Max	MPa	Psi	MPa	Psi	inch	mm	kg/m
RB16-06R16	-4	6.3	1/4	6.5	6.9	11.0	11.8	12.9	13.9	40.0	5800	160.0	23200	1.97	50	0.29
RB16-08R16	-5	8	5/16	8.0	8.5	12.6	13.4	14.5	15.5	35.0	5075	140.0	20300	2.17	55	0.34
RB16-10R16	-6	10	3/8	9.5	10.0	14.8	15.6	16.7	17.7	33.0	4785	132.0	19140	2.56	65	0.44
RB16-13R16	-8	12.5	1/2	12.7	13.3	18.3	19.1	20.2	21.2	27.5	3990	110.0	15950	3.54	90	0.64
RB16-16R16	-10	16	5/8	15.9	16.7	21.5	22.3	23.5	24.5	25.0	3625	100.0	14500	3.94	100	0.70
RB16-19R16	-12	19	3/4	18.9	19.7	25.0	26.0	27.2	28.2	21.5	3120	86.0	12470	4.72	120	0.83
RB16-25R16	-16	25	1	25.0	26.0	32.8	33.8	35.2	36.4	16.5	2390	66.0	9570	5.91	150	1.23
RB16-32R16	-20	31.5	1-1/4	31.8	32.8	40.4	41.6	42.6	43.8	12.5	1813	50.0	7250	8.27	210	1.54





结构：

软管由耐油合成橡胶内胶层，两层编织钢丝增强层和耐候合成橡胶外胶层组成。

应用：

适用于输送石油基液压油、水基流体、乙二醇水溶液等的液压系统，温度范围为 -40°C～ +100°C。

CONSTRUCTION:

This hose shall consist of an oil resistant synthetic rubber, two steel wire braids reinforcement and an oil and weather resistant synthetic rubber cover.

APPLICATIONS:

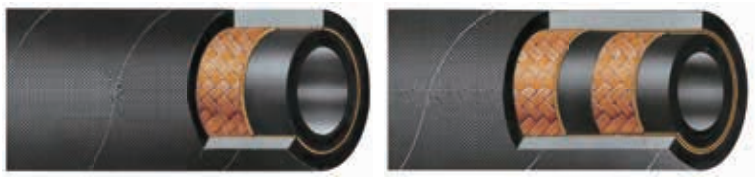
Suitable for petroleum-based hydraulic fluids, water-based fluids, glycol aqueous solution etc. Working temperature:-40°C～ +100°C .

RB17

(SAE 100 R17)

R17 紧凑型钢丝编织液压软管

R17 COMPACT TYPE 21MPA STEEL WIRE BRAIDED HYDRAULIC HOSE



型号 TYPE	软管规格 HOSE SIZE			内径 I.D		增强层直径 W.D		外径 O.D		最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R		参考重量 W.T
	Dash	mm	inch	最小 Min	最大 Max	最小 Min	最大 Max	最小 Min	最大 Max	MPa	Psi	MPa	Psi	inch	mm	kg/m
RB17-06R17	-4	6.3	1/4	6.5	6.9	9.8	10.8	11.8	12.8	21.0	3045	84.0	12180	1.97	50	0.20
RB17-08R17	-5	8	5/16	8.0	8.5	12.0	13.0	14.0	14.5	21.0	3045	84.0	12180	2.17	55	0.25
RB17-10R17	-6	10	3/8	9.5	10.0	13.7	14.7	15.7	16.7	21.0	3045	84.0	12180	2.56	65	0.32
RB17-13R17	-8	12.5	1/2	12.5	13.1	16.9	17.9	18.9	19.9	21.0	3045	84.0	12180	3.54	90	0.53
RB17-16R17	-10	16	5/8	15.9	16.7	22.5	23.5	24.7	25.7	21.0	3045	84.0	12180	3.94	100	0.73
RB17-19R17	-12	19	3/4	18.9	19.7	25.5	26.5	27.7	28.7	21.0	3045	84.0	12180	4.72	120	0.95
RB17-25R17	-16	25	1	25.0	26.0	34.7	35.7	37.3	38.3	21.0	3045	84.0	12180	5.91	150	1.56



结构：

软管由耐油合成橡胶内胶层，一层或两层编织的钢丝增强层和耐油耐候合成橡胶外胶层组成。

应用：

适用于输送石油基液压油、水基流体、乙二醇水溶液等的液压系统，温度范围为 -40°C～ +100°C。

CONSTRUCTION:

This hose shall consist of an oil resistant synthetic rubber, one or two steel wire braids reinforcement and an oil and weather resistant synthetic rubber cover.

APPLICATIONS:

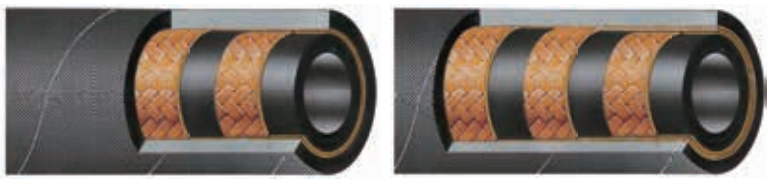
Suitable for petroleum-based hydraulic fluids, water-based fluids, glycol aqueous solution etc. Working temperature:-40°C～ +100°C .

RB19

(SAE 100 R19)

R19 紧凑型钢丝编织液压软管

R19 COMPACT TYPE 28MPA STEEL WIRE BRAIDED HYDRAULIC HOSE



型号 TYPE	软管规格 HOSE SIZE			内径 I.D		增强层直径 W.D		外径 O.D		最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R		参考重量 W.T
	Dash	mm	inch	最小 Min	最大 Max	最小 Min	最大 Max	最小 Min	最大 Max	MPa	Psi	MPa	Psi	inch	mm	kg/m
RB19-06R19	-4	6.3	1/4	6.5	6.9	11.3	12.3	13.3	14.3	28.0	4060	112.0	16240	1.97	50	0.32
RB19-08R19	-5	8	5/16	8.0	8.5	13.1	14.1	15.3	16.3	28.0	4060	112.0	16240	2.17	55	0.38
RB19-10R19	-6	10	3/8	9.5	10.0	13.9	15.9	16.9	17.9	28.0	4060	112.0	16024	2.56	65	0.47
RB19-13R19	-8	12.5	1/2	12.5	13.1	18.3	19.3	20.5	21.5	28.0	4060	112.0	16240	3.54	90	0.60
RB19-16R19	-10	16	5/8	15.9	16.7	22.5	23.5	24.8	26.0	28.0	4060	112.0	16240	3.94	100	0.80
RB19-19R19	-12	19	3/4	18.9	19.7	27.0	28.0	29.3	30.5	28.0	4060	112.0	16240	4.72	120	1.22
RB19-25R19	-16	25	1	25.0	26.0	33.5	34.5	35.8	37.0	28.0	4060	112.0	16240	5.91	150	1.63





结构：

软管由耐油合成橡胶内胶层，两层或三层编织的钢丝增强层和耐油耐候合成橡胶外胶层组成。

应用：

适用于输送石油基液压油、水基流体、乙二醇水溶液等的液压系统，温度范围为 -40°C～ +100°C。

CONSTRUCTION:

This hose shall consist of an oil resistant synthetic rubber, two or three steel wire braids reinforcement and an oil and weather resistant synthetic rubber cover.

APPLICATIONS:

Suitable for petroleum-based hydraulic fluids, water-based fluids, glycol aqueous solution etc. Working temperature:-40°C～ +100°C .

ES61

(EN856-4SP)

4SP 四层钢丝缠绕中压液压软管

4SP STEEL WIRE SPIRAL MEDIUM PRESSURE HOSE



型号 TYPE	软管规格 HOSE SIZE			内径 I.D		增强层直径 W.D		外径 O.D		最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R		参考重量 W.T
	Dash	mm	inch	最小 Min	最大 Max	最小 Min	最大 Max	最小 Min	最大 Max	MPa	Psi	MPa	Psi	inch	mm	kg/m
ES61-0604SP	-4	6.3	1/4	6.4	6.8	14.2	15.2	17.1	18.1	50.0	7250	200.0	29000	5.91	150	0.62
ES61-0804SP	-5	8	5/16	8.0	8.5	15.9	16.9	18.3	19.3	46.0	6670	184.0	26680	7.09	170	0.66
ES61-1004SP	-6	10	3/8	9.5	10.0	17.0	18.0	20.6	21.6	46.0	6670	184.0	26680	7.09	180	0.81
ES61-1304SP	-8	12.5	1/2	12.8	13.4	19.9	20.9	23.8	24.8	42.5	6163	170.0	24650	9.06	230	0.95
ES61-1604SP	-10	16	5/8	15.8	16.4	23.5	24.5	27.4	28.4	40.0	5800	160.0	23200	9.84	250	1.25
ES61-1904SP	-12	19	3/4	18.8	19.4	27.7	28.7	31.4	32.4	38.0	5510	152.0	22040	11.81	300	1.53
ES61-2504SP	-16	25	1	25.4	26.0	34.8	35.8	38.5	39.5	32.0	4640	128.0	18560	13.39	340	2.15
ES61-3204SP	-20	31.5	1-1/4	31.8	32.5	45.5	46.5	49.2	50.4	21.0	3045	84.0	12180	18.11	460	3.12
ES61-3804SP	-24	38	1-1/2	38.0	38.6	51.9	52.9	55.6	56.8	18.5	2680	74.0	10730	22.05	560	3.62
ES61-5104SP	-32	51	2	50.6	51.4	64.8	65.8	68.2	69.6	17.5	2538	70.0	10150	25.98	660	5.17





结构：

软管由耐油合成橡胶内胶层，四层交替方向的钢丝缠绕层和耐油耐候合成橡胶外胶层组成。

应用：

适用于输送石油基液压油、水基流体、乙二醇水溶液等的液压系统，温度范围为 -40°C～ +100°C。

证书：

具备矿用安全标志证书、MSHA 标志证书、中国船级社标志证书。

CONSTRUCTION:

This hose shall consist of an oil resistant synthetic rubber, 4 spirals of high tensile steel wire reinforcement and an oil and weather resistant synthetic rubber cover.

APPLICATIONS:

Suitable for petroleum-based hydraulic fluids, water-based fluids, glycol aqueous solution etc. Working temperature:-40°C～ +100°C .

CETIFICATE:

ES62

(EN856 4SH)

四层钢丝缠绕高压液压软管

4SH STEEL WIRE SPIRAL EXTRA HIGH PRESSURE HOSE



型号 TYPE	软管规格 HOSE SIZE			内径 I.D		增强层直径 W.D		外径 O.D		最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R		参考重量 W.T
	Dash	mm	inch	最小 Min	最大 Max	最小 Min	最大 Max	最小 Min	最大 Max	MPa	Psi	MPa	Psi	inch	mm	kg/m
ES62-1904SH	-12	19	3/4	19.1	19.6	27.9	28.9	31.4	32.4	42.0	6090	168.0	24360	11.02	280	1.56
ES62-2504SH	-16	25	1	25.5	26.0	34.7	35.7	37.5	38.5	38.0	5510	152.0	22040	13.39	340	2.10
ES62-3204SH	-20	31.5	1-1/4	32.0	32.6	41.4	42.4	43.9	45.1	32.5	4710	130.0	18850	18.11	460	2.49
ES62-3204SH	-20	35	1-1/4	32.0	32.6	42.0	43.0	44.9	46.1	35.0	5075	140.0	20300	18.11	460	2.80
ES62-3804SH	-24	38	1-1/2	38.2	38.6	48.6	49.6	51.9	53.1	29.0	4205	116.0	16820	22.05	560	3.40
ES62-5104SH	-32	51	2	50.6	51.4	62.7	63.7	66.5	67.9	25.0	3625	100.0	14500	27.56	700	4.91





结构：

软管由耐油合成橡胶内胶层，四层交替方向的钢丝缠绕层和耐油耐候合成橡胶外胶层组成。

应用：

适用于输送石油基液压油、水基流体、乙二醇水溶液等的液压系统，温度范围为 -40°C～ +100°C。

证书：

具备矿用安全标志证书、MSHA 标志证书、中国船级社标志证书。

CONSTRUCTION:

This hose shall consist of an oil resistant synthetic rubber, 4 spirals of high tensile steel wire reinforcement and an oil and weather resistant synthetic rubber cover.

APPLICATIONS:

Suitable for petroleum-based hydraulic fluids, water-based fluids, glycol aqueous solution etc. Working temperature:-40°C～ +100°C .

CETIFICATE:

RS12

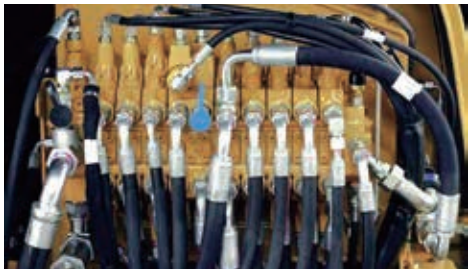
(SAE 100 R12)

R12 四层钢丝缠绕液压软管

R12 HEAVY DUTY, HIGH IMPULSE, FOUR SPIRAL STEEL WIRE REINFORCED, RUBBER COVERED HYDRAULIC HOSE



型号 TYPE	软管规格 HOSE SIZE			内径 I.D		增强层直径 W.D		外径 O.D		最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R		参考重量 W.T
	Dash	mm	inch	最小 Min	最大 Max	最小 Min	最大 Max	最小 Min	最大 Max	MPa	Psi	MPa	Psi	inch	mm	kg/m
RS12-1004R12	-6	10	3/8	9.5	9.9	16.7	17.7	19.5	20.5	28.0	4060	112.0	16240	4.92	125	0.73
RS12-1304R12	-8	12.5	1/2	12.8	13.4	20.2	21.2	23.0	24.0	28.0	4060	112.0	16240	7.09	180	0.90
RS12-1604R12	-10	16	5/8	15.8	16.4	24.1	25.1	26.6	27.6	28.0	4060	112.0	16240	7.87	200	1.19
RS12-1904R12	-12	19	3/4	18.8	19.4	27.2	28.2	29.9	30.9	28.0	4060	112.0	16240	9.45	240	1.37
RS12-2504R12	-16	25	1	25.0	25.8	34.4	35.4	36.8	37.8	28.0	4060	112.0	16240	11.81	300	2.00
RS12-3204R12	-20	31.5	1-1/4	31.6	32.4	43.4	44.4	45.9	47.1	21.0	3045	84.0	12180	16.54	420	2.70
RS12-3804R12	-24	38	1-1/2	37.7	38.5	49.9	50.9	52.4	53.6	17.5	2540	70.0	10150	19.69	500	3.15
RS12-5104R12	-32	51	2	50.6	51.4	63.2	64.2	65.8	67.2	17.5	2540	70.0	10150	25.20	640	4.72





结构：

软管由耐油合成橡胶内胶层，四层交替方向的钢丝缠绕层和耐油耐候合成橡胶外胶层组成。

应用：

适用于输送石油基液压油、水基流体、乙二醇水溶液等的液压系统，温度范围为 -40°C～ +121°C。

证书：

具备矿用安全标志证书、MSHA 标志证书、中国船级社标志证书。

CONSTRUCTION:

This hose shall consist of an oil resistant synthetic rubber, 4 spirals of high tensile steel wire reinforcement and an oil and weather resistant synthetic rubber cover.

APPLICATIONS:

Suitable for petroleum-based hydraulic fluids, water-based fluids, glycol aqueous solution etc. Working temperature:-40°C～ +121°C .

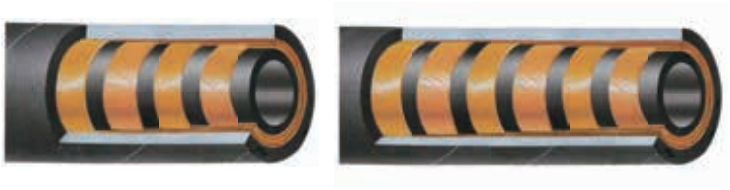
CETIFICATE:

RS13

(SAE 100R13)

R13 多层钢丝缠绕高压液压软管

R13 HEAVY DUTY, HIGH IMPULSE, MULTIPLE SPIRAL STEEL WIRE REINFORCED, RUBBER COVERED HYDRAULIC HOSE



型号 TYPE	软管规格 HOSE SIZE			内径 I.D		增强层直径 W.D		外径 O.D		最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R		参考重量 W.T
	Dash	mm	inch	最小 Min	最大 Max	最小 Min	最大 Max	最小 Min	最大 Max	MPa	Psi	MPa	Psi	inch	mm	kg/m
RS13-1904R13	-12	19	3/4	18.8	19.4	28.5	29.5	31.0	32.0	35.0	5075	140.0	20300	9.45	240	1.49
RS13-2504R13	-16	25	1	25.0	25.8	35.2	36.2	37.6	38.6	35.0	5075	140.0	20300	11.81	300	2.10
RS13-3206R13	-20	31.5	1-1/4	31.6	32.4	46.3	47.3	48.8	50.0	35.0	5075	140.0	20300	16.54	420	3.80
RS13-3806R13	-24	38	1-1/2	37.7	38.5	53.8	54.8	56.3	57.5	35.0	5075	140.0	20300	19.69	500	5.33
RS13-5106R13	-32	51	2	50.4	51.2	67.6	68.6	70.2	71.6	35.0	5075	140.0	20300	25.20	640	7.05





结构：

软管由耐油合成橡胶内胶层，多层交替方向的粗钢丝缠绕层和耐油耐候合成橡胶外胶层组成。

应用：

适用于输送石油基液压油、水基流体、乙二醇水溶液等的液压系统，温度范围为 -40°C～ +121°C。

证书：

具备矿用安全标志证书、MSHA 标志证书、中国船级社标志证书。

CONSTRUCTION:

This hose shall consist of an oil resistant synthetic rubber, 4 or 6 spirals of high tensile steel wire reinforcement and an oil and weather resistant synthetic rubber cover.

APPLICATIONS:

Suitable for petroleum-based hydraulic fluids, water-based fluids, glycol aqueous solution etc. Working temperature:-40°C～ +121°C .

CETIFICATE:

RS15

(SAE 100 R15)

R15 压多层钢丝缠绕超高压液压软管

R15 HEAVY DUTY, HIGH IMPULSE, MULTIPLE SPIRAL STEEL WIRE REINFORCED, RUBBER COVERED HYDRAULIC HOSE



型号 TYPE	软管规格 HOSE SIZE			内径 I.D		增强层直径 W.D		外径 O.D		最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R		参考重量 W.T
	Dash	mm	inch	最小 Min	最大 Max	最小 Min	最大 Max	最小 Min	最大 Max	MPa	Psi	MPa	Psi	inch	mm	kg/m
RS15-1004R15	-6	10	3/8	9.5	9.9	17.0	18.0	19.4	20.4	42.0	6090	168.0	24360	5.91	150	0.98
RS15-1304R15	-8	12.5	1/2	12.7	13.5	21.6	22.6	24.0	25.0	42.0	6090	168.0	24360	7.87	200	1.20
RS15-1904R15	-12	19	3/4	18.8	19.4	30.2	31.2	32.6	33.6	42.0	6090	168.0	24360	10.40	265	1.77
RS15-2504R15	-16	25	1	25.0	25.8	35.1	36.1	37.9	38.9	42.0	6090	168.0	24360	13.00	330	2.37
RS15-3206R15	-20	31.5	1-1/4	31.6	32.4	47.1	48.1	49.6	50.8	42.0	6090	168.0	24360	17.52	445	4.80
RS15-3806R15	-24	38	1-1/2	37.7	38.5	53.9	54.9	56.4	57.6	42.0	6090	168.0	24360	20.87	530	5.40





结构：

软管由耐油合成橡胶内胶层，多层交替方向的粗钢丝缠绕层和耐候合成橡胶外胶层组成。

应用：

适用于输送石油基液压油、水基流体、乙二醇水溶液等的液压系统，温度范围为 -40°C～ +121°C。

证书：

具备矿用安全标志证书、MSHA 标志证书、中国船级社标志证书。

CONSTRUCTION:

This hose shall consist of an oil resistant synthetic rubber, 4 or 6 spirals of high tensile steel wire reinforcement and an oil and weather resistant synthetic rubber cover.

APPLICATIONS:

Suitable for petroleum-based hydraulic fluids, water-based fluids, glycol aqueous solution etc. Working temperature:-40°C～ +121°C .

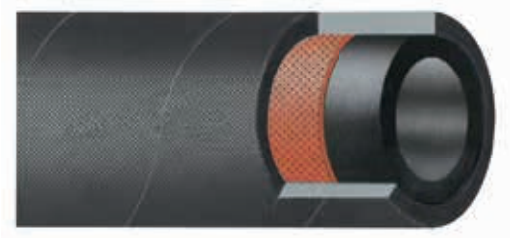
CETIFICATE:

EB41

(EN854-1TE 、SAE 100R6、ISO4079-1、GB/T15329.1)

一层织物增强液压软管

FIBER REINFORCED, RUBBER COVERED HYDRAULIC HOSE



型号 TYPE	软管规格 HOSE SIZE			内径 I.D		外径 O.D		最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R		参考重量 W.T
	Dash	mm	inch	最小 Min	最大 Max	最小 Min	最大 Max	MPa	Psi	MPa	Psi	inch	mm	kg/m
EB41-0501TE	-3	5	3/16	4.9	5.2	10.6	11.6	2.5	363	10.0	1450	1.38	35	0.11
EB41-0601TE	-4	6	1/4	6.5	6.9	11.9	12.9	2.5	363	10.0	1450	1.77	45	0.13
EB41-0801TE	-5	8	5/16	8.0	8.4	13.4	14.4	2.0	290	8.0	1160	2.56	65	0.14
EB41-1001TE	-6	10	3/8	9.5	10.0	15.0	16.0	2.0	290	8.0	1160	2.95	75	0.16
EB41-1201TE	-8	12	1/2	12.7	13.1	18.5	19.5	1.6	232	6.4	928	3.54	90	0.23
EB41-1601TE	-10	16	5/8	15.8	16.5	22.4	23.6	1.6	232	6.4	928	4.53	115	0.32
EB41-0501R6	-3	5	3/16	4.9	5.2	10.6	11.6	3.5	510	14.0	2030	1.97	50	0.11
EB41-0601R6	-4	6	1/4	6.5	6.9	12.2	13.2	2.8	410	11.2	1620	2.56	65	0.13
EB41-0801R6	-5	8	5/16	8.0	8.40	13.8	14.8	2.8	410	11.2	1620	2.95	75	0.14
EB41-1001R6	-6	10	3/8	9.5	10.0	15.5	16.5	2.8	410	11.2	1620	2.95	75	0.16
EB41-1301R6	-8	12	1/2	12.7	13.1	19.3	20.3	2.8	410	11.2	1620	3.94	100	0.23
EB41-1601R6	-10	16	5/8	15.8	16.5	22.4	23.6	2.4	350	9.8	1420	4.92	125	0.32
EB41-1901R6	-12	19	3/4	19.0	19.7	25.6	26.8	2.1	310	8.4	1220	5.91	150	0.38
EB41-2501R6	-16	25	1	25.0	25.8	31.9	33.1	2.4	350	9.8	1420	4.92	130	0.52

结构：

软管由耐油和耐水的合成橡胶内胶层，一层适当的织物增强层和耐油耐候的合成橡胶外胶层组成。

应用：

除 HRDR、HFDS 和 HFDT 以外的 ISO6743-4 中规定的 -40°C～ +100°C温度范围内的液压流体。

CONSTRUCTION:

This hose shall consist of an oil and water resistant synthetic rubber, one fiber braid reinforcement and an oil and weather resistant synthetic rubber cover.

APPLICATIONS:

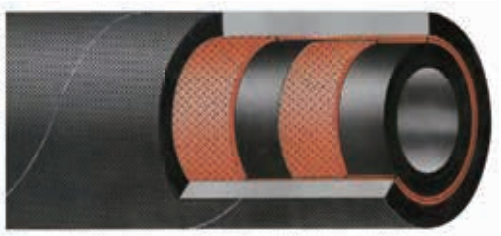
Suitale for hydraulic fluids in accordance with ISO6743-4 with the exception of HRDR, HFDS and HFDT. Working temperature:-40°C～ +100°C .

EB42

(EN854-2TE、SAE 100R3、ISO4079-1、GB/T15329.1)

两层织物增强液压软管

DOUBLE FIBER BRAID, RUBBER COVERED HYDRAULIC HOSE



型号 TYPE	软管规格 HOSE SIZE			内径 I.D		外径 O.D		最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R		参考重量 W.T
	Dash	mm	inch	最小 Min	最大 Max	最小 Min	最大 Max	MPa	Psi	MPa	Psi	inch	mm	kg/m
EB42-0502TE	-3	5	3/16	4.9	5.2	11.3	12.3	8.0	1160	32	4640	1.38	35	0.13
EB42-0602TE	-4	6	1/4	6.5	6.9	12.9	13.9	7.5	1088	30	4352	1.58	40	0.16
EB42-0802TE	-5	8	5/16	8.0	8.4	14.4	15.4	6.8	986	27.2	3944	1.97	50	0.18
EB42-1002TE	-6	10	3/8	9.5	10.0	16.0	17.0	6.3	914	25.2	3656	2.36	60	0.21
EB42-1202TE	-8	12	1/2	12.7	13.1	19.2	20.2	5.8	841	23.2	3364	2.76	70	0.27
EB42-1602TE	-10	16	5/8	15.8	16.5	23.3	24.5	5.0	725	20	2900	3.54	90	0.37
EB42-1902TE	-12	19	3/4	19.0	19.7	26.4	27.6	4.5	653	18	2612	4.33	110	0.42
EB42-2502TE	-16	25	1	25.4	26.2	33.8	35.0	4.0	580	16	2320	5.12	130	0.65
EN42-0502R3	-3	5	3/16	4.9	5.2	12.2	13.2	10.5	1520	42	6090	2.95	75	0.17
EB42-0602R3	-4	6	1/4	6.5	6.9	13.8	14.8	8.7	1260	35	5075	2.95	75	0.20
EB42-0802R3	-5	8	5/16	8.0	8.4	17.0	18.0	8.4	1220	33.5	4860	3.94	100	0.28
EB42-1002R3	-6	10	3/8	9.5	10.0	18.5	19.5	7.8	1130	31.5	4570	3.94	100	0.31
EB42-1302R3	-8	12	1/2	12.7	13.1	23.1	24.1	7	1015	28	4060	4.92	125	0.45
EB42-1602R3	-10	16	5/8	15.8	16.5	26.4	27.6	6.1	885	24.5	3550	5.51	140	0.57
EB42-1902R3	-12	19	3/4	19.0	19.7	31.0	32.2	5.2	750	21	3045	5.91	150	0.72
EB42-2202R3	-14	22	7/8	22.2	22.8	31.4	32.6	4.5	652	18	2610	6.69	170	0.62
EB42-2502R3	-16	25	1	25.4	26.2	37.2	38.4	3.9	570	15.7	2280	8.07	205	0.97
EB42-3202R3	-20	32	1-1/4	32.0	32.8	43.8	45.2	2.6	380	10.5	1520	9.84	250	1.04

结构：

软管由耐油和耐水的合成橡胶内胶层，两层适当的织物增强层和耐油耐候的合成橡胶外胶层组成。

应用：

除 HRDR、HFDS 和 HFDT 以外的 ISO6743-4 中规定的 -40°C～ +100°C温度范围内的液压流体。

CONSTRUCTION:

This hose shall consist of an oil and water resistant synthetic rubber, two fiber braids reinforcement and an oil and weather resistant synthetic rubber cover.

APPLICATIONS:

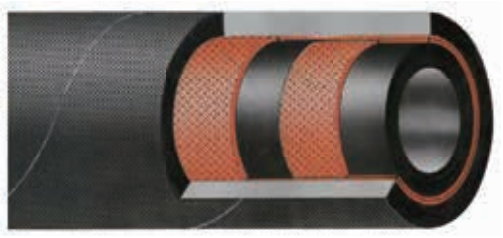
Suitale for hydraulic fluids in accordance with ISO6743-4 with the exception of HRDR, HFDS and HFDT. Working temperature:-40°C～ +100°C .

EB43

(EN854-3TE、ISO4079-1、GB/T15239.1)

二层织物增强高压液压软管

DOUBLE FIBER BRAID, RUBBER COVERED
HIGH PRESSURE HOSE



型号 TYPE	软管规格 HOSE SIZE			内径 I.D		外径 O.D		最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R		参考重量 W.T
	Dash	mm	inch	最小 Min	最大 Max	最小 Min	最大 Max	MPa	Psi	MPa	Psi	inch	mm	kg/m
EB43-0503TE	-3	5	3/16	4.9	5.2	12.1	12.9	16.0	2320	64.0	9280	1.57	40	0.13
EB43-0603TE	-4	6	1/4	6.5	6.9	13.7	14.7	14.5	2103	58.0	8412	1.77	45	0.15
EB43-0803TE	-5	8	5/16	8.0	8.4	16.1	17.1	13.0	1885	52.0	7540	2.16	55	0.21
EB43-1003TE	-6	10	3/8	9.5	10.0	18.1	19.1	11.0	1595	44.0	6380	2.75	70	0.30
EB43-1203TE	-8	12	1/2	12.7	13.1	21.2	22.2	9.3	1349	37.2	5396	3.35	85	0.35
EB43-1603TE	-10	16	5/8	15.8	16.5	24.9	26.1	8.0	1160	32.0	4640	4.13	105	0.43
EB43-1903TE	-12	19	3/4	19.0	19.7	28.0	29.2	7.0	1015	28.0	4060	5.12	130	0.59
EB43-2203TE	-14	22	7/8	22.0	22.8	31.8	33.0	5.5	1015	28.0	4060	5.12	150	0.67
EB43-2503TE	-16	25	1	25.4	26.2	35.0	36.2	5.5	798	22.0	3192	5.91	150	0.73
EB43-3203TE	-20	31	1-1/4	32.0	32.8	41.7	43.3	4.5	653	18.0	2612	7.48	190	0.94
EB43-3803TE	-24	38	1-1/2	38.0	39.0	48.8	50.4	4.0	580	16.0	2320	9.45	240	1.08
EB43-5103TE	-32	51	2	50.6	51.6	62.2	64.0	3.3	479	13.2	1916	11.81	300	1.55
EB43-6003TE	-40	60	2-3/8	59.8	60.8	71.2	72.8	2.5	362	10.0	1450	15.7	400	1.67

结构：

软管由耐油和耐水的合成橡胶内胶层，两层适当的织物增强层和耐油耐候的合成橡胶外胶层组成。

应用：

除 HRDR、HFDS 和 HFDT 以外的 ISO6743-4 中规定的 -40°C～ +100°C温度范围内的液压流体。

CONSTRUCTION:

This hose shall consist of an oil and water resistant synthetic rubber, two fiber braids reinforcement and an oil and weather resistant synthetic rubber cover.

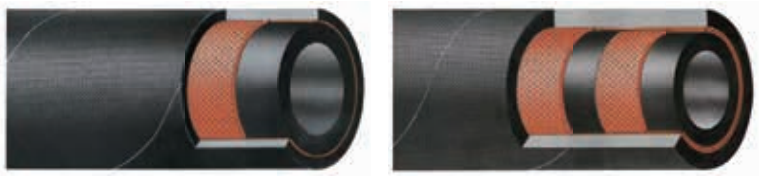
APPLICATIONS:

Suitale for hydraulic fluids in accordance with ISO6743-4 with the exception of HRDR, HFDS and HFDT. Working temperature:-40°C～ +100°C .

EB45

(EN854、DIN5510-2、 EN45545)

织物增强防火软管
FIRE HOSE



型号 TYPE	软管规格 HOSE SIZE			内径 I.D		外径 O.D		最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R		参考重量 W.T
	Dash	mm	inch	最小 Min	最大 Max	最小 Min	最大 Max	MPa	Psi	MPa	Psi	inch	mm	kg/m
EB45-0601	-4	6	1/4	6.5	6.9	12.9	13.9	7.5	1088	30	4352	1.58	40	0.15
EB45-0801	-5	8	5/16	8.0	8.4	14.4	15.4	6.8	986	27.2	3944	1.97	50	0.17
EB45-1001	-6	10	3/8	9.5	10.0	16.0	17.0	6.3	914	25.2	3656	2.36	60	0.20
EB45-1201	-8	12	1/2	12.7	13.3	19.2	20.2	5.8	841	23.2	3364	2.76	70	0.26
EB45-1602	-10	16	5/8	15.8	16.5	23.3	24.5	5.0	725	20	2900	3.54	90	0.31
EB45-1902	-12	19	3/4	19.0	19.7	26.4	27.6	4.5	653	18	2612	4.33	110	0.36
EB45-2502	-16	25	1	25.4	26.2	33.8	35.0	4.0	580	16	2320	5.12	130	0.58





结构：

软管由耐油和耐水的合成橡胶内胶层，一层或两层适当的织物增强层和耐油耐候的合成橡胶外胶层组成。

应用：

应用于地铁或高铁轨道交通和在 -40°C～ +100°C温度范围内的液压流体或 -40°C～ +70°C温度范围的空气。

CONSTRUCTION:

This hose shall consist of an oil and water resistant synthetic rubber, one or two fiber braids reinforcement and an oil and weather resistant synthetic rubber cover.

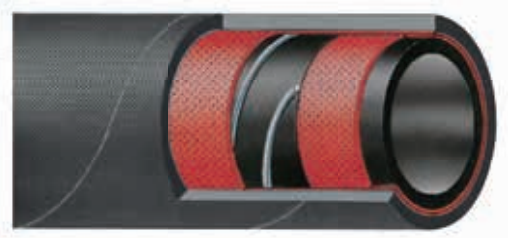
APPLICATIONS:

Suitable for hydraulic fluids in subways or high-speed ways, or delivery hydraulic fluids at temperature range of-40 °C ～ +100 °C or air at temperature range of-40°C～ +70°C .

RB04

(SAE 100 R4)

夹钢丝液压吸引软管
WIRE INSERTED HYDRAULIC SUCTION HOSE



型号 TYPE	软管规格 HOSE SIZE			内径 I.D		外径 O.D		最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R		参考重量 W.T
	Dash	mm	inch	最小 Min	最大 Max	最小 Min	最大 Max	MPa	Psi	MPa	Psi	inch	mm	kg/m
RB04-1902R4	-12	19	3/4	19.0	19.8	31.4	32.6	2.1	305	8.4	1210	4.92	125	0.78
RB04-2502R4	-16	25	1	25.0	25.8	37.9	39.1	1.7	250	7.0	1015	5.91	150	1.04
RB04-3202R4	-20	31.5	1-1/4	32.0	32.8	45.3	46.7	1.4	200	5.6	810	7.87	200	1.33
RB04-3502R4	-24	35	1-3/8	35.0	35.8	48.3	49.7	1.5	218	6.0	870	10.01	255	1.72
RB04-3802R4	-24	38	1-1/2	38.0	38.8	51.2	52.8	1.05	150	4.2	610	10.01	255	1.51
RB04-4102R4	-28	41	1-5/8	41.0	41.8	54.3	55.7	1.50	218	6.0	870.0	10.80	275	1.63
RB04-4502R4	-28	45	1-3/4	45.0	45.8	56.7	58.3	1.0	145	4.0	580	10.8	275	1.53
RB04-4702R4	-28	47	1-7/8	47.0	47.8	52.7	54.3	1.5	218	6.0	870	11.81	300	1.88
RB04-5102R4	-32	51	2	51.0	51.8	64.2	65.8	0.7	100	2.8	410	11.81	300	2.11
RB04-6002R4	-40	60	2-3/8	60.0	61.0	73.2	74.8	0.7	100	2.8	410	13.98	355	2.41
RB04-6302R4	-40	63	2-1/2	64.0	64.8	77.0	78.6	0.4	60	1.6	232.0	13.98	355	2.54
RB04-7002R4	-44	70	2-3/4	70.0	70.8	83.0	85.0	1.5	218	6.0	870	18.11	460	2.89
RB04-7602R4	-48	76	3	76.0	76.8	90.5	92.5	0.4	60	1.6	230	18.11	460	3.56
RB04-8902R4	-56	89	3-1/2	89.0	90.0	104.5	106.5	0.3	40	1.25	180	20.87	530	4.26
RB04-10202R4	-64	102	4	102.0	103.0	118.2	120.8	0.25	40	1.0	145	24.02	610	5.20
RB04-10202R4	-64	102	4	102.0	103.0	119.0	121.6	1.0	145	4.0	145	24.02	610	5.29

结构：

软管由耐油合成橡胶，双层或多层高强度聚酯纤维缠绕，适当的管体螺旋钢丝构成的增强层和耐油耐候合成橡胶外胶层所组成。

应用：

适用于低压或负压系统，可以输送石油基液压油、空气、水基流体等的液压介质，温度范围为 -40°C～ +100°C。

CONSTRUCTION:

This hose shall consist of an oil resistant synthetic rubber, one high strength steel wire helix and textile braids reinforcement and an oil and weather resistant synthetic rubber cover.

APPLICATIONS:

Suitable for use in low pressure and vacuum applications with petroleum-based hydraulic fluids.
Working temperature:-40°C～ +100°C .

RB05

(SAE 100 R5)

一层钢丝编织外覆织物液压软管（可密织）

SINGLE WIRE BRAID, TEXTILE COVERED HYDRAULIC HOSE



型号 TYPE	软管规格 HOSE SIZE			内径 I.D		外径 O.D		最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R		参考重量 W.T
	Dash	mm	inch	最小 Min	最大 Max	最小 Min	最大 Max	MPa	Psi	MPa	Psi	inch	mm	kg/m
RB05-0501R5	-3	5	3/16	5.0	5.4	12.8	13.6	21.0	3045	84.0	12180	2.95	75	0.24
RB05-0601R5	-4	6.3	1/4	6.5	6.9	14.4	15.2	21.0	3045	84.0	12180	3.35	85	0.29
RB05-0801R5	-6	8	5/16	8.0	8.5	16.7	17.6	15.7	2270	63.0	9135	3.94	100	0.36
RB05-1101R5	-8	11	13/32	10.5	11.1	19.0	20.0	14.0	2030	56.0	8120	4.53	115	0.42
RB05-1301R5	-10	12.5	1/2	12.7	13.1	22.9	23.9	12.2	1770	49.0	7105	5.51	140	0.59
RB05-1601R5	-12	16	5/8	15.9	16.7	26.9	27.9	10.5	1520	42.0	6090	6.50	165	0.71
RB05-2201R5	-16	22	7/8	22.2	22.7	30.9	31.9	5.6	810	22.4	3250	7.28	185	0.71
RB05-2901R5	-20	29	1-1/8	28.9	29.6	37.5	38.7	4.3	620	17.5	2540	9.06	230	0.91
RB05-3501R5	-24	35	1-3/8	35.2	35.9	43.9	45.1	3.5	510	14.0	2030	10.43	265	1.07
RB05-4601R5	-32	46	1-13/16	46.3	47.0	55.8	57.0	2.4	350	9.8	1420	13.19	335	1.46
RB05-6001R5	-40	60	2-3/8	60.5	61.4	72.2	73.8	2.4	350	9.8	1420	24.02	610	2.13
RB05-7601R5	-48	76	3	76.0	77.0	89.7	91.3	1.4	200	5.6	810	33.07	840	2.85





结构：

软管由耐油合成橡胶内胶层，一层钢丝编织增强层和一层纤维编织的外覆层组成。

应用：

适用于输送石油基液压油、水基流体、乙二醇水溶液等的液压系统，温度范围为 -40°C～ +100°C。

CONSTRUCTION:

This hose shall consist of an oil resistant synthetic rubber, one steel wire braid reinforcement and a textile braid cover.

APPLICATIONS:

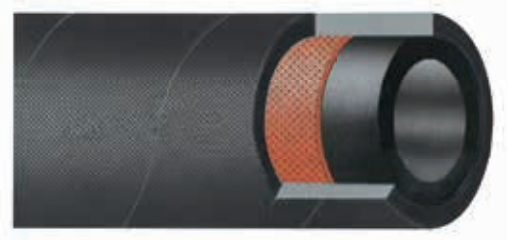
Suitable for petroleum-based hydraulic fluids, water-based fluids, glycol aqueous solution etc. Working temperature:-40°C～ +100°C .

RJ01

(DIN5510)

低烟管

FIBER VAMAC HOSE



型号 TYPE	内径 I.D		外径 O.D	最大工作压力 max W.P		最小爆破压力 min B.P		参考重量 W.T
	mm	inch	mm	MPa	Psi	MPa	Psi	kg/m
RJ01-06-2.0	6	1/4	16.4	2.0	290	8.0	1160	0.26
RJ01-10-2.0	10	3/8	19.5	2.0	290	8.0	1160	0.33
RJ01-13-2.0	13	1/2	22.5	2.0	290	8.0	1160	0.40
RJ01-16-2.0	16	5/8	27.0	2.0	290	8.0	1160	0.51
RJ01-19-2.0	19	3/4	29.5	2.0	290	8.0	1160	0.58





结构：

软管由耐油的内胶层、采用纤维缠绕或编织增强层和耐候的外胶层组成，外观为黑色布纹。

应用：

用于火车和地铁制动系统，输送石油基燃油、润滑油及压缩空气等的液压流体，温度范围为 -40°C～ +100°C。

CONSTRUCTION:

This hose shall consist of an oil resistant synthetic rubber, suitable fiber braids reinforcement and a weather resistant synthetic rubber cover.

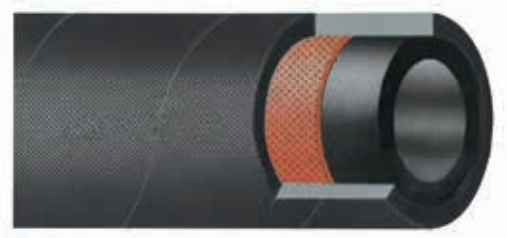
APPLICATIONS:

Suitable for hydraulic fluids such as petroleum-based fuel, lubricants and compressed air in train and subway braking systems.
Working temperature:-40°C～ +100°C .

RJ02

(SAEJ1402)

气动软管
AIR BRAKE HOSE



型号 TYPE	内径 I.D		外径 O.D	最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R	参考重量 W.T
	mm	inch	mm	MPa	Psi	MPa	Psi	mm	kg/m
RJ02-06-2.0	6	1/4	15.9	2.0	290	6.0	870	65	0.26
RJ02-08-2.0	10	5/16	17.5	2.0	290	6.0	870	75	0.33
RJ02-10-2.0	10	3/8	19.0	2.0	290	6.0	870	90	0.33
RJ02-13-2.0	13	1/2	22.2	2.0	290	6.0	870	100	0.40
RJ02-16-2.0	16	5/8	27.0	2.0	290	6.0	870	115	0.51





结构：

软管由耐油的内胶层、采用纤维编织增强层和耐候的外胶层组成，外观为黑色布纹。

应用：

用于汽车气刹制动系统，温度范围为 -40°C～ +100°C。

CONSTRUCTION:

This hose shall consist of an oil resistant synthetic rubber, suitable fiber braids reinforcement and a weather resistant synthetic rubber cover.

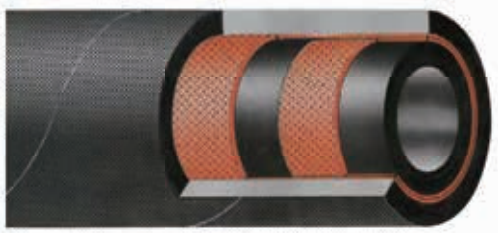
APPLICATIONS:

Suitable for automotive air brake systems within working
temperature:-40°C～ +100°C .

BF01

(GB186)

纤维输油软管
FIBER OIL HOSE



型号 TYPE	内径 I.D		外径 O.D	最大工作压力 max W.P		最小爆破压力 min B.P		参考重量 W.T
	mm	inch	mm	MPa	Psi	MPa	Psi	kg/m
BF01-5-2.0	5	3/16	11.4	2.0	290	8.0	1160	0.12
BF01-6-2.0	6	1/4	13.5	2.0	290	8.0	1160	0.17
BF01-8-2.0	8	5/16	15.5	2.0	290	8.0	1160	0.21
BF01-10-2.0	10	3/8	18.0	2.0	290	8.0	1160	0.25
BF01-13-2.0	13	1/2	22.0	2.0	290	8.0	1160	0.36
BF01-16-2.0	16	5/8	25.6	2.0	290	8.0	1160	0.47
BF01-19-2.0	19	3/4	29.4	2.0	290	8.0	1160	0.59
BF01-22-2.0	22	7/8	32.0	2.0	290	8.0	1160	0.64
BF01-25-2.0	25	1	36.5	2.0	290	8.0	1160	0.78
BF01-32-2.0	32	1-1/4	44.0	2.0	290	8.0	1160	1.10
BF01-38-2.0	38	1-1/2	50.5	2.0	290	8.0	1160	1.32
BF01-45-2.0	45	1 3/4	59.0	2.0	290	8.0	1160	1.66
BF01-51-2.0	51	2	65.5	2.0	290	8.0	1160	2.00
BF01-64-2.0	64	2-1/2	78.8	2.0	290	8.0	1160	2.26
BF01-76-2.0	16	3	92.6	2.0	290	8.0	1160	2.82
BF01-89-2.0	89	3-1/2	106.0	2.0	290	8.0	1160	3.56
BF01-102-2.0	102	4	110.0	2.0	290	8.0	1160	3.84

结构：

软管由耐油的内胶层、采用纤维缠绕或编织增强层和耐候的外胶层组成，外观为黑色布纹。

应用：

用于输送石油基燃油、润滑油及其他矿物油等的液压流体，温度范围为 -40°C～ +100°C。

CONSTRUCTION:

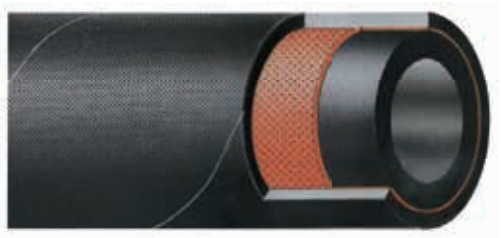
This hose shall consist of an oil resistant synthetic rubber, suitable fiber braids reinforcement and a weather resistant synthetic rubber cover.

APPLICATIONS:

Suitable for petroleum-based hydraulic fluids, lubricating oil and other mineral oil.
Working temperature:-40°C～ +100°C .

BF03

油气软管
OIL AND GAS HOSE



型号 TYPE	内径 I.D		外径 O.D	最大工作压力 max W.P		最小爆破压力 min B.P		参考重量 W.T
	mm	inch	mm	MPa	Psi	MPa	Psi	kg/m
BF03-06-1.5	6	1/4	13.5	1.5	217	6.0	870	0.15
BF03-06-1.5	8	5/16	16	1.5	217	6.0	870	0.21
BF03-10-1.5	10	3/8	18	1.5	217	6.0	870	0.25
BF03-13-1.5	12.5	1/2	21	1.5	217	6.0	870	0.29
BF03-16-1.5	16	5/8	26	1.5	217	6.0	870	0.47
BF03-19-1.5	19	3/4	29	1.5	217	6.0	870	0.53
BF03-25-1.5	25	1	36	1.5	217	6.0	870	0.76
BF03-32-1.5	31.5	1-1/4	44	1.5	217	6.0	870	0.96
BF03-38-1.5	38	1-1/2	51	1.5	217	6.0	870	1.25
BF03-51-1.0	51	2	65	1.0	217	4.0	870	1.7

注：编号后面加“G”代表耐高温液压介质，最高温度为 135°C。示例：BF03G-13-1.5。





结构：

软管由耐油的内胶层、一层纤维编织增强层和耐候的外胶层组成，外观为黑色光面或布纹。

应用：

适用于输送航空煤油、汽油、柴油、油气混合以及其他矿物油类，温度范围为 -40°C～ +120°C（G 型为 135°C）。

CONSTRUCTION:

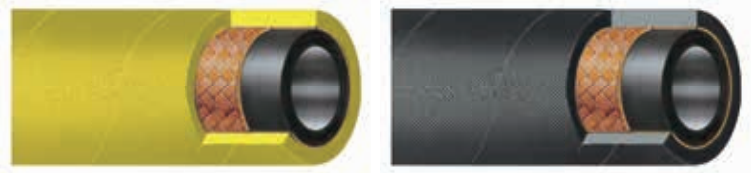
This hose shall consist of an oil resistant synthetic rubber, one fiber braid reinforcement and weather resistant smooth or fabric synthetic rubber cover.

APPLICATIONS:

Suitable for jet fuel, gasoline, diesel; mixture of oil and gas and other mineral oil.
Working temperature:-40 °C ～ +120 °C (Type G: up to 135°) .

BF04

(GB/T1186)



纤维空气软管
FIBER AIR HOSE

型号 TYPE	内径 I.D		外径 O.D	最大工作压力 max W.P		最小爆破压力 min B.P		参考重量 W.T
	mm	inch	mm	MPa	Psi	MPa	Psi	kg/m
BF04-6-2.0	6	1/4	13.5	2.0	300	6.0	900	0.18
BF04-8-2.0	8	5/16	15.5	2.0	300	6.0	900	0.24
BF04-10-2.0	10	3/8	17.5	2.0	300	6.0	900	0.28
BF04-13-2.0	13	1/2	22.0	2.0	300	6.0	900	0.46
BF04-16-2.0	16	5/8	25.4	2.0	300	6.0	900	0.51
BF04-19-2.0	19	3/4	28.5	2.0	300	6.0	900	0.66
BF04-25-2.0	25	1	35.0	2.0	300	6.0	900	0.81
BF04-32-2.0	31.5	1-1/4	44.0	2.0	300	6.0	900	1.09
BF04-38-2.0	38	1-1/2	51.0	2.0	300	6.0	900	1.47
BF04-45-2.0	45	1-3/4	57.0	2.0	300	6.0	900	1.6
BF04-51-2.0	51	2	65.0	2.0	300	6.0	900	2.06
BF04-64-2.0	64	2-1/2	76.4	2.0	300	6.0	900	2.16
BF04-76-2.0	76	3	90.5	2.0	300	6.0	900	2.22
BF04-89-2.0	89	3-1/2	106.0	2.0	300	6.0	900	3.70
BF04-102-2.0	102	4	117.7	2.0	300	6.0	900	4.31
BF04-6-2.8	6	1/4	13.5	2.8	400	8.4	1200	0.18
BF04-8-2.8	8	5/16	15.5	2.8	400	8.4	1200	0.24
BF04-10-2.8	10	3/8	17.5	2.8	400	8.4	1200	0.28
BF04-13-2.8	13	1/2	22.8	2.8	400	8.4	1200	0.46
BF04-16-2.8	16	5/8	25.4	2.8	400	8.4	1200	0.51
BF04-19-2.8	19	3/4	29.8	2.8	400	8.4	1200	0.66
BF04-25-2.8	25	1	37.5	2.8	400	8.4	1200	0.81
BF04-32-2.8	31.5	1-1/4	44.0	2.8	400	8.4	1200	1.09
BF04-38-2.8	38	1-1/2	52.0	2.8	400	8.4	1200	1.47
BF04-45-2.8	45	1-3/4	57.0	2.8	400	8.4	1200	1.6
BF04-51-2.8	51	2	65.0	2.8	400	8.4	1200	2.06
BF04-64-2.8	64	2-1/2	79.4	2.8	400	8.4	1200	2.16
BF04-76-2.8	76	3	93.0	2.8	400	8.4	1200	2.22
BF04-89-2.8	89	3-1/2	106.0	2.8	400	8.4	1200	3.70
BF04-102-2.8	102	4	119.0	2.8	400	8.4	1200	4.31





结构：

软管由气密性优异的内胶层、纤维增强层和耐候的外胶层组成，外观有黑色、蓝色、红色、绿色及黄色光面或布纹。

应用：

适用于输送水、空气等介质，温度范围为 -40°C～ +70°C。

CONSTRUCTION:

This hose shall consist of an excellent tightness synthetic rubber, suitable fiber braids reinforcement and a weather resistant synthetic smooth or fabric rubber cover. The cover color: black, blue, red, green or yellow.

APPLICATIONS:

Suitable for water, air, etc.
Working temperature:-40°C～ +70°C .

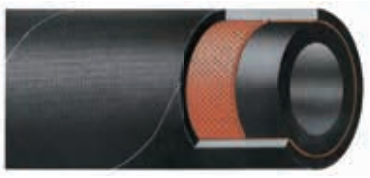
BF05

GB/T 2550

多用途气管

MULTI-PURPOSE CO_2 OXYGEN ACETYLENE HOSE





型号 TYPE	内径 I.D		外径 O.D	最大工作压力 max W.P		最小爆破压力 min B.P		参考重量 W.T
	mm	inch	mm	MPa	Psi	MPa	Psi	kg/m
BF05-06-2	6	1/4	13.2	2.0	300	6.0	900	0.17
BF05-08-2	8	5/16	15.4	2.0	300	6.0	900	0.20
BF05-10-2	10	3/8	17.9	2.0	300	6.0	900	0.26
BF05-13-2	13	1/2	22.0	2.0	300	6.0	900	0.46
BF05-16-2	16	5/8	25.4	2.0	300	6.0	900	0.51
BF05-19-2	19	3/4	29.5	2.0	300	6.0	900	0.65





结构：

软管由气密性优异的内胶层、纤维增强层和耐候的外胶层组成，氧气管外观蓝色布纹。乙炔管外观红色布纹。二氧化碳管外观黑色布纹。

应用：

适用于输送工业氧气介质，用于气体焊接和切割的作业，也可输送水、空气等。温度范围为 -20°C～ +60°C的软管。

CONSTRUCTION:

This hose shall consist of an excellent tightness synthetic rubber, suitable fiber braids reinforcement and a weather resistant synthetic rubber cover. The cover color including oxygen:blue, Acetylene:red, CO_2:black.

APPLICATIONS:

Suitable for oxygen, acetylene, CO_2, air; water; for gas welding and cutting purpose.
Working temperature:-20°C～ +60°C .

RB1

(GB/T 3683 MT/T 98)

一层钢丝编织液压支架软管

RB1 ONE STEEL WIRE BRAIDED HYDRAULIC SUPPORT HOSE



型号 TYPE	内径 I.D		增强层直径 W.D	外径 O.D	最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R	参考重量 W.T
	mm	inch	mm	mm	MPa	Psi	MPa	Psi	mm	kg/m
RB1-5.0	5.2±0.2	3/16	9.5±0.4	11.5±0.5	25.0	3625	100.0	14500	90	0.20
RB1-6.3	6.7±0.2	1/4	11.2±0.5	13.2±0.5	22.5	3260	90.0	13050	100	0.25
RB1-8	8.2±0.2	5/16	12.7±0.5	14.7±0.5	21.5	3120	85.0	12325	115	0.26
RB1-10	9.8±0.2	3/8	15.1±0.5	17.1±0.5	18.0	2610	72.0	10440	130	0.36
RB1-12.5	13.0±0.2	1/2	18.2±0.5	20.2±0.5	16.0	2320	64.0	9280	180	0.43
RB1-16	16.2±0.4	5/8	21.3±0.5	23.3±0.5	13.0	1885	52.0	7540	200	0.52
RB1-19	19.2±0.4	3/4	25.0±0.5	27.4±0.6	10.5	1520	42.0	6090	240	0.65
RB1-25	25.8±0.4	1	32.8±0.5	35.2±0.6	8.8	1280	35.0	5075	300	0.98
RB1-31.5	32.4±0.4	1-1/4	40.0±0.5	42.6±0.6	6.3	910	25.0	3625	420	1.2
RB1-38	38.5±0.4	1-1/2	46.2±0.5	49.5±0.6	5.0	725	20.0	2900	500	1.70
RB1-51	51.3±0.4	2	53.2±0.8	56.4±0.8	4.0	580	16.0	2320	630	2.00





结构：

胶管由耐油的内胶层、一层高强度镀铜钢丝编织层和耐候的外胶层组成，外观为黑色布纹。

应用：

适用于煤矿液压支架、综合采煤机组等液压系统输送矿物油、水基液压油或水，温度范围为 -40°C～ +100°C。

CONSTRUCTION:

This hose consist of an oil synthetic rubber. one wire braid reinforcement and an oil and a weather resistant synthetic rubber cover.

APPLICATIONS:

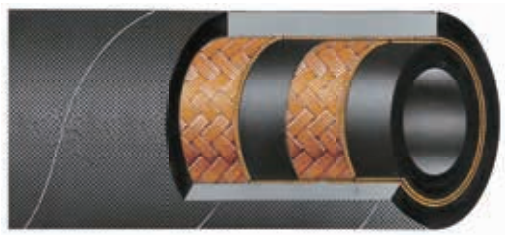
Suitable for water, mineral oil or water-based hydraulic oil in the hydraulic system of hydraulic fraines, combined cool acttings in coal mine. Working temperature: -40°C～ +100°C .

RB2

(GB/T 3683 MT/T 98)

二层钢丝编织液压支架软管

RB2 TWO STEEL WIRE BRAIDED HYDRAULIC SUPPORT HOSE



型号 TYPE	内径 I.D		增强层直径 W.D	外径 O.D	最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R	参考重量 W.T
	mm	inch	mm	mm	MPa	Psi	MPa	Psi	mm	kg/m
RB2-6.3	6.3±0.2	1/4	13.4±0.4	15.6±0.5	56.0	8120	140.0	20300	100	0.39
RB2-8	8.3±0.2	5/16	15.4±0.4	17.9±0.5	50.0	6960	128.0	18560	115	0.46
RB2-10	10.0±0.2	3/8	17.4±0.4	19.9±0.5	45.0	5800	112.0	16240	130	0.58
RB2-12.5	13.0±0.2	1/2	21.1±0.4	23.7±0.5	40.0	5220	100.0	14500	180	0.75
RB2-16	16.2±0.3	5/8	24.2±0.5	26.6±0.5	32.0	4640	80.0	11600	205	0.89
RB2-19	19.2±0.3	3/4	27.2±0.5	29.9±0.6	26.0	3625	64.0	9280	240	1.06
RB2-25	25.2±0.3	1	33.7±0.5	37.0±0.6	22.0	3045	56.0	8120	300	1.34
RB2-31.5	32.3±0.4	1-1/4	40.7±0.5	44.5±0.6	18.0	2465	44.0	6380	420	1.71
RB2-38	38.3±0.4	1-1/2	47.0±0.5	50.6±0.6	14.0	1740	36.0	5220	500	2.10
RB2-51	51.5±0.4	2	60.0±0.8	63.8±0.8	12.0	1160	32.0	4640	630	2.28
RB2-63	64.5±0.5	2-1/2	73.5±0.8	77.5±0.8	11.0	725	28.0	4060	800	2.98





结构：

胶管由耐油的内胶层、两层高强度镀铜钢丝编织层和耐候的外胶层组成，外观为黑色布纹。

应用：

适用于煤矿液压支架、综合采煤机组等液压系统输送矿物油、水基液压油或水，温度范围为 -40°C～ +100°C。

CONSTRUCTION:

This hose consist of an oil synthetic rubber, two wire braids reinforcement and an oil and a weather resistant synthetic rubber cover.

APPLICATIONS:

Suitable for water, mineral oil or water-based hydraulic oil in the hydraulic system of hydraulic fraines, combined cool acttings in coal mine. Working temperature :-40°C～ +100°C .

RB3

(GB/T 3683 MT/T 98)

三层钢丝编织液压支架软管

RB3 THREE LAYER STEEL WIRE BRAIDED HYDRAULIC SUPPORT HOSE



型号 TYPE	内径 I.D		增强层直径 W.D	外径 O.D	最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R	参考重量 W.T
	mm	inch	mm	mm	MPa	Psi	MPa	Psi	mm	kg/m
RB3-6.3	6.3±0.2	1/4	15.0±0.4	17.9±0.5	68.0	9860	170.0	24650	100	0.62
RB3-8	8.3±0.2	5/16	17.0±0.4	20.6±0.5	50.0	7250	125.0	18125	115	0.68
RB3-10	10.0±0.2	3/8	19.0±0.4	22.6±0.5	45.0	6525	112.5	16313	130	0.84
RB3-12.5	13.0±0.2	1/2	23.0±0.4	26.6±0.5	40.0	5800	100.0	14500	180	1.09
RB3-16	16.2±0.2	5/8	26.0±0.5	29.6±0.5	35.0	5075	87.5	12688	205	1.28
RB3-19	19.2±0.3	3/4	29.0±0.5	32.6±0.6	28.0	4060	70.0	10150	240	1.43
RB3-25	25.2±0.3	1	35.0±0.5	38.8±0.6	24.0	3480	60.0	8700	300	1.75
RB3-31.5	32.3±0.4	1-1/4	42.5±0.6	46.6±0.6	19.0	2755	47.5	6887.5	420	2.25
RB3-38	38.3±0.4	1-1/2	48.4±0.6	52.5±0.6	15.0	2175	37.5	5437.5	500	2.59
RB3-51	51.5±0.4	2	61.5±0.8	65.5±0.8	14.0	2030.0	35.0	5075.0	630	2.91





结构：

胶管由耐油的内胶层、三层高强度镀铜钢丝编织层和耐候的外胶层组成，外观为黑色布纹。

应用：

适用于煤矿液压支架、综合采煤机组等液压系统输送矿物油、水基液压油或水，温度范围为 -40°C～ +100°C。

CONSTRUCTION:

This hose consist of an oil synthetic rubber. three wire braids reinforcement and an oil and a weather resistant synthetic rubber cover.

APPLICATIONS:

Suitable for water, mineral oil or water-based hydraulic oil in the hydraulic system of hydraulic fraines, combined cool acttings in coal mine. Working temperature:-40°C～ +100°C .

SS01

超柔钢丝编织软管
SOFT TYPE A SINGLE WIRE BRAIDED HYDRAULIC HOSE



型号 TYPE	软管规格 HOSE SIZE			内径 I.D		增强层直径 W.D		外径 O.D		最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R		参考重量 W.T
	Dash	mm	inch	最小 Min	最大 Max	最小 Min	最大 Max	最小 Min	最大 Max	MPa	Psi	MPa	Psi	inch	mm	kg/m
SS01-0601	-4	6.3	1/4	6.3	6.6	9.3	10.1	10.9	11.7	22.5	3260	90.0	13050	1.97	50	0.18







结构：

软管由耐油的内胶层、一层钢丝编织的增强层和耐候的外胶层组成，外观有黑色、蓝色、红色、绿色及黄色光面或布纹。

应用：

适用于输送石油基液压油、水基流体、乙二醇水溶液等的液压系统，温度范围为 -40°C～ +100°C。

CONSTRUCTION:

This hose consist of an oil synthetic rubber, one steel wire braid reinforcement and an oil and weather resistant synthetic rubber cover.

APPLICATIONS:

Suitable for petroleum base hydraulic fluids.
Working temperature:-40°C～ +100°C .

SS04

超柔钢丝缠绕液压软管
SOFT TYPE STEEL WIRE SPIRAL HYDRAULIC HOSE



型号 TYPE	软管规格 HOSE SIZE			内径 I.D		增强层直径 W.D		外径 O.D		最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R		参考重量 W.T
	Dash	mm	inch	最小 Min	最大 Max	最小 Min	最大 Max	最小 Min	最大 Max	MPa	Psi	MPa	Psi	inch	mm	kg/m
SS04-0604SK	-4	6.3	1/4	6.4	6.8	12.2	13.2	14.4	15.4	40.0	5800	160.0	23200	1.77	45	0.44
SS04-0804SK	-5	8	5/16	8.0	8.5	13.8	14.8	15.9	16.9	35.0	5075	140.0	20300	1.97	50	0.49
SS04-1004SK	-6	10	3/8	9.5	9.9	16.2	17.2	18.2	19.2	33.0	4785	132.0	19140	2.17	55	0.59
SS04-1304SK	-8	12.5	1/2	12.7	13.3	19.3	20.3	21.3	22.3	27.5	3990	110.0	15950	2.36	60	0.71
SS04-1604SK	-10	16	5/8	15.8	16.4	22.4	23.6	24.5	25.7	25.0	3625	100.0	14500	3.15	80	0.85
SS04-1904SK	-12	19	3/4	19.0	19.6	26.3	27.3	28.5	29.5	23.0	3335	92.0	13340	4.33	110	1.00
SS04-1904SK	-12	19	3/4	19.0	19.6	26.0	27.0	28.0	29.0	28.0	4060	112.0	16240	4.33	110	1.14
SS04-2504SK	-16	25	1	25.0	25.6	33.4	34.4	35.6	36.6	23.0	3335	92.0	13340	5.91	150	1.57
SS04-2504SK	-16	25	1	25.0	25.6	32.6	33.6	34.7	35.7	28.0	4060	112.0	14500	5.91	150	1.39





结构：

软管由耐油合成橡胶内胶层，四层交替方向的柔软的钢丝缠绕层和耐油耐候合成橡胶外胶层组成。

应用：

适用于输送石油基液压油、水基流体、乙二醇水溶液等的液压系统，温度范围为 -40°C～ +100°C。

CONSTRUCTION:

This hose shall consist of an oil synthetic rubber, 4 spirals of high tensile steel wire reinforcement and an oil and weather resistant synthetic rubber cover.

APPLICATIONS:

Suitable for petroleum base hydraulic fluids. Working temperature:-40°C～ +100°C .

HB01

(GB/T 3683 MT/T 98)

钢丝编织千斤顶软管

JACK HOSE



型号 TYPE	软管规格 HOSE SIZE			内径 I.D		增强层直径 W.D		外径 O.D		最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R		参考重量 W.T
	Dash	mm	inch	最小 Min	最大 Max	最小 Min	最大 Max	最小 Min	最大 Max	MPa	Psi	MPa	Psi	inch	mm	kg/m
HB01-0602	-4	6.3	1/4	6.5	6.9	12.2	13.2	14.4	15.4	69.0	10000	140.0	20000	4.0	101	0.36
HB01-1002	-6	10	3/8	9.5	10	16.2	17.2	18.2	19.2	69.0	10000	140.0	20000	5.0	127	0.54

结构：

软管由耐油合成橡胶内胶层，两层钢丝编织增强层和耐油耐候合成橡胶外胶层组成。

应用：

适用于液压千斤顶系统，工作温度范围为 -40°C ~+100°C。

CONSTRUCTION:

This hose shall consist of an oil resistant synthetic rubber,two steel wire braids reinforcement and an oil and a weather resistant synthetic rubber cover.

APPLICATIONS:

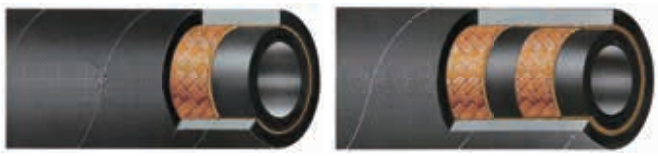
Suitable for hydraulic fluids in jack systems.
Working temperature:-40°C～ +100°C .

HB13

(GBT1689、DOT/3、 DOT/4)

钢丝编织液动软管

WIRE BRAIDED HYDRAULIC BRAKING HOSE



型号 TYPE	软管规格 HOSE SIZE			内径 I.D		增强层直径 W.D		外径 O.D		最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R		参考重量 W.T
	Dash	mm	inch	最小 Min	最大 Max	最小 Min	最大 Max	最小 Min	最大 Max	MPa	Psi	MPa	Psi	inch	mm	kg/m
HB13-0602	-4	6.3	1/4	6.5	6.9	12.2	13.0	14.5	15.3	40.0	5800	160.0	23200	3.94	100	0.35

注：1 型为低压的纤维增强层，具体参数请联系我们。
Type1：As low pressure with textile reinforcementand more imformation,please contact us.

结构：

软管由耐制动液 DOT3/DOT4 的内胶层、一层或两层钢丝编织的增强层和耐天候老化的外胶层组成。

应用：

适用于非石油基的液压制动系统，工作温度范围为 -40°C ~+100°C。

CONSTRUCTION:

This hose shall consist of a braking liquid DOT3/DOT4 resistant synthetic rubber, one or two steel wire braids reinforcement, weather and aging resistant systhetic rubber cover.

APPLICATIONS:

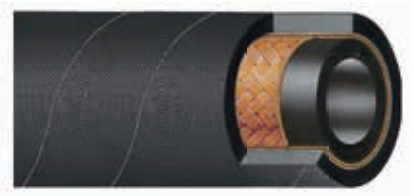
Suitable for non-petroleum base hydraulic braking systems.
Working temperature:-40°C～ +100°C .

HB02

(Q/HJJG 01)

钢丝编织液压软管

WIRE BRAIDED HYDRAULIC HOSE



型号 TYPE	内径 I.D		增强层直径 W.D	外径 O.D	最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R	参考重量 W.T
			1M 型 /1 型	1M 型 /1 型	1M 型	1 型	1M 型	1 型		
	mm	inch	mm	mm	MPa	MPa	MPa	MPa	mm	kg/m
一层钢丝编织 /ONE WIRE BRAID										
HB02-0501	5.3±0.2	3/16	9.5±0.4	11.8±0.4	25.0	3625	100.0	14500	90	0.20
HB02-0601	6.3±0.2	1/4	11.6±0.4	13.9±0.5	22.5	3260	90.0	13050	100	0.26
HB02-0801	8.3±0.2	5/16	13.6±0.4	15.9±0.5	21.5	3120	85.0	12325	115	0.30
HB02-1001	10.0±0.2	3/8	15.6±0.4	18.0±0.5	18.0	2610	72.0	10440	130	0.37
HB02-1301	13.0±0.2	1/2	19.4±0.4	22.1±0.5	16.0	2320	64.0	9280	180	0.52
HB02-1601	16.2±0.3	5/8	22.5±0.5	25.2±0.5	13.0	1885	52.0	7540	200	0.61
HB02-1901	19.2±0.3	3/4	25.5±0.5	28.1±0.6	10.5	1520	42.0	6090	240	0.70
HB02-2201	22.2±0.3	7/8	28.5±0.5	31.2±0.6	10.0	1450	40.0	5800	280	0.78
HB02-2501	25.2±0.3	1	32.0±0.5	34.6±0.6	8.8	1280	35.0	5075	300	0.92
HB02-3201	32.3±0.4	1-1/4	39.0±0.5	42.7±0.6	6.3	910	25.0	3625	420	1.17
HB02-3801	38.3±0.4	1-1/2	45.5±0.5	49.2±0.6	7.0	5.0	17.5	20.0	500	1.43
HB02-4501	45.5±0.4	1-3/4	52.5±0.6	56.1±0.6	5.0	—	15.0	—	550	1.58
HB02-5101	51.5±0.4	2	58.5±0.8	62.3±0.8	4.0	4.0	12.0	16.0	630	1.74
HB02-6401	64.5±0.5	2-1/2	72.0±0.8	76.0±0.8	3.5	—	10.5	—	800	2.25
HB02-7601	76.5±0.5	3	84.0±0.8	88.5±0.8	3.0	—	9.0	—	950	2.75
HB02-8901	89.5±0.5	3-1/2	97.5±1.0	103.5±1.0	2.5	—	7.5	—	1100	3.76
HB02-10201	102.5±0.5	4	112.5±1.0	118.5±1.0	2.0	—	6.0	—	1300	4.72

备注：参照国标压力。



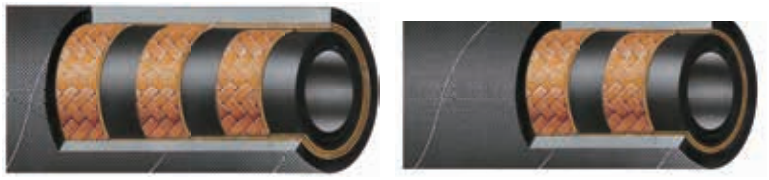


HB02

(Q/HJJG 01)

钢丝编织液压软管

WIRE BRAIDED HYDRAULIC HOSE



型号 TYPE	内径 I.D		增强层直径 W.D	外径 O.D	最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R	参考重量 W.T
			2M 型 /2 型	2M 型 /2 型	2M 型	2 型	2M 型	2 型		
	mm	inch	mm	mm	MPa	MPa	MPa	MPa	mm	kg/m
二层钢丝编织 /TWO WIRE BRAID										
HB02-0502	5.3±0.2	3/16	11.2±0.4	14.9±0.4	41.5	6020	165.0	23925	90	0.36
HB02-0602	6.3±0.2	1/4	13.4±0.4	15.6±0.5	40.0	5800	160.0	23200	100	0.39
HB02-0802	8.3±0.2	5/16	15.4±0.4	17.9±0.5	35.0	5075	140.0	20300	115	0.46
HB02-1002	10.0±0.2	3/8	17.4±0.4	19.9±0.5	33.0	4875	132.0	19140	130	0.58
HB02-1302	13.1±0.2	1/2	21.1±0.4	23.7±0.5	27.5	3990	110.0	15950	180	0.75
HB02-1602	16.2±0.3	5/8	24.2±0.5	26.6±0.5	25.0	3990	100.0	14500	200	0.89
HB02-1902	19.2±0.3	3/4	27.2±0.5	29.9±0.6	21.5	3120	86.0	12470	240	1.06
HB02-2202	22.2±0.3	7/8	30.2±0.5	33.1±0.6	17.5	2537	70.0	10150	280	1.14
HB02-2502	25.2±0.3	1	33.7±0.5	37.0±0.6	16.5	2390	65.0	9425	300	1.34
HB02-3202	32.3±0.4	1-1/4	40.7±0.5	44.5±0.6	12.5	1810	50.0	7250	420	1.71
HB02-3802	38.3±0.4	1-1/2	47.0±0.5	50.6±0.6	9.0	1305	36.0	5220	500	1.95
HB02-4502	45.5±0.4	1-3/4	54.0±0.6	57.6±0.6	9.0	1305	27.0	3915	550	2.15
HB02-5102	51.5±0.4	2	60.0±0.8	63.8±0.8	8.0	1160	32.0	4640	630	2.30
HB02-6402	64.5±0.5	2-1/2	73.5±0.8	77.5±0.8	7.0	1015	28.0	4060	800	3.20
HB02-7602	76.5±0.5	3	86.0±0.8	90.5±0.8	6.0	870	18.0	2610	950	3.60
HB02-8902	89.5±0.5	3-1/2	99.5±1.0	105.5±1.0	5.0	725	15.0	2175	1100	4.80
HB02-10202	102.5±0.5	4	114.0±1.0	120.0±1.0	4.0	580	12.0	1740	1300	5.76
三层钢丝编织 /THREE WIRE BRAID										
HB02-0503	5.3±0.2	3/16	13.2±0.4	16.9±0.4	72.0	10440	180.0	26100	90	0.55
HB02-0603	6.3±0.2	1/4	15.0±0.4	17.9±0.5	68.0	9860	170.0	24650	100	0.62
HB02-0803	8.3±0.2	5/16	17.0±0.4	20.6±0.5	50.0	7250	125.0	18125	115	0.68
HB02-1003	10.0±0.2	3/8	19.0±0.4	22.6±0.5	45.0	6525	112.5	16312.5	130	0.84
HB02-1303	13.0±0.2	1/2	23.0±0.4	26.6±0.5	40.0	5800	100.0	14500	180	1.09
HB02-1603	16.2±0.2	5/8	26.0±0.5	29.6±0.5	35.0	5075	87.5	12687.5	205	1.28
HB02-1903	19.2±0.3	3/4	29.0±0.5	32.6±0.6	28.0	4060	70.0	10150	240	1.43
HB02-2203	22.2±0.3	7/8	32.0±0.5	34.9±0.6	25.0	3625	62.5	9062.5	280	1.52
HB02-2503	25.2±0.3	1	35.0±0.5	38.8±0.6	24.0	3480	60.0	8700	300	1.75
HB02-3203	32.2±0.4	1-1/4	42.5±0.6	46.6±0.6	19.0	2755	47.5	6887.5	420	2.25
HB02-3803	38.3±0.4	1-1/2	48.4±0.6	52.5±0.6	15.0	2175	37.5	5437.5	500	2.59
HB02-4503	45.5±0.4	1-3/4	55.5±0.6	59.5±0.6	12.0	1740	36.0	5220	550	2.76
HB02-5103	51.5±0.4	2	61.5±0.8	65.5±0.8	10.0	1450	30.0	4350	630	2.91
HB02-6403	64.5±0.5	2-1/2	75.0±0.8	79.0±0.8	9.0	1305	27.0	3915	800	3.62
HB02-7603	76.5±0.5	3	87.7±0.8	91.5±0.8	8.0	1160	24.0	3480	950	4.28
HB02-8903	89.5±0.5	3-1/2	101.5±1.0	107.0±1.0	7.0	1015	21.0	3045	1100	5.79
HB02-10203	102.5±0.5	4	116.0±1.0	123.0±1.0	6.0	870	18.0	2610	1300	7.26

备注：参照国标压力。

结构：

软管由耐油的合成胶内胶层、一层至三层的高强度镀铜钢丝编织层和耐候的合成胶外胶层组成。

应用：

适用于煤矿液压支架、综合采煤机组等液压系统输送矿物油、水基液压油或水，温度范围为 -40°C～ +100°C。

CONSTRUCTION:

This hose consist of an oil resistant synthetic rubber, one or two steel wire braids reinforcement and an oil and a weather resistant synthetic rubber cover.

APPLICATIONS:

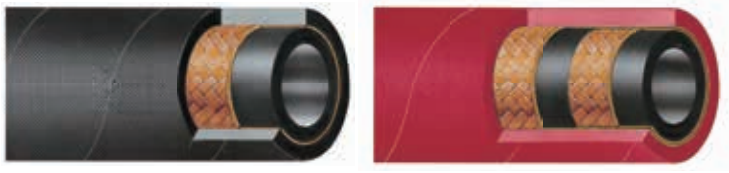
Suitable for water, mineral oil or water base hydraulic oil in the hydraulic system of hydraulic fraines, combined cool acttings in coal mine. Working temperature :-40°C～ +100°C .

HB04

(HG/T 3036)

钢丝编织蒸汽软管

WIRE BRAIDED STEAM HOSE



型号 TYPE	内径 I.D		增强层直径 W.D	外径 O.D	最大工作压力 max W.P		最小爆破压力 min B.P		摄氏度	最小弯曲半径 min B.R	参考重量 W.T
	mm	inch	mm	mm	MPa	Psi	MPa	Psi	℃	mm	kg/m
HB04-1001B	9.5±0.5	3/8	16.1	20.0	0.60	87	6.0	870	164°C	120	0.40
HB04-1301B	13±0.7	1/2	20.5	24.5	0.60	87	6.0	870	164°C	130	0.58
HB04-1601B	16±0.7	5/8	23.5	27.5	0.60	87	6.0	870	164°C	160	0.66
HB04-1901B	19±0.7	3/4	26.6	30.5	0.60	87	6.0	870	164°C	190	0.75
HB04-2201B	22±0.7	7/8	29.5	33.5	0.60	87	6.0	870	164°C	250	0.83
HB04-2501B	25±1.0	1	33.0	37.0	0.60	87	6.0	870	164°C	250	0.99
HB04-3201B	32±1.0	1-1/4	40.0	44.0	0.60	87	6.0	870	164°C	320	1.21
HB04-3801B	38±1.0	1-1/2	46.4	50.5	0.60	87	6.0	870	164°C	380	1.48
HB04-4501B	45±1.0	1-3/4	58.6	54.6	0.60	87	6.0	870	164°C	450	1.99
HB04-5101B	51±1.0	2	60.8	65.0	0.60	87	6.0	870	164°C	500	2.22
HB04-6401B	64±1.0	2-1/2	73.4	78	0.60	87	6.0	870	164°C	630	3.25
HB04-7601B	76±1.0	3	85.7	90.0	0.60	87	6.0	870	164°C	750	3.75
HB04-1001B	9.5±0.5	3/8	16.1	20.0	1.80	261	18.0	2610	210°C	120	0.40
HB04-1301B	13±0.7	1/2	20.5	24.5	1.80	261	18.0	2610	210°C	130	0.58
HB04-1601B	16±0.7	5/8	23.5	27.5	1.80	261	18.0	2610	210°C	160	0.66
HB04-1901B	19±0.7	3/4	26.6	30.5	1.80	261	18.0	2610	210°C	190	0.75
HB04-2201B	22±0.7	7/8	29.5	33.5	1.80	261	18.0	2610	210°C	250	0.83
HB04-2501B	25±1.0	1	33.0	37.0	1.80	261	18.0	2610	210°C	250	0.99
HB04-3201B	32±1.0	1-1/4	40.0	44.0	1.80	261	18.0	2610	210°C	320	1.21
HB04-3801B	38±1.0	1-1/2	46.4	50.5	1.80	261	18.0	2610	210°C	380	1.48
HB04-4501B	45±1.0	1-3/4	58.6	54.6	1.80	261	18.0	2610	210°C	450	1.99
HB04-5101B	51±1.0	2	60.8	65.0	1.80	261	18.0	2610	210°C	500	2.22
HB04-6402B	64±1.0	2-1/2	75.2	79.5	1.80	261	18.0	2610	210°C	630	3.25
HB04-7602B	76±1.0	3	87.3	91.5	1.80	261	18.0	2610	210°C	750	3.75
HB04-1902S	19±0.7	3/4	33.0	29.8	1.80	261	18.0	2610	210°C	123	0.90
HB04-2502S	25±1.0	1	39.5	36.3	1.80	261	18.0	2610	210°C	162	1.10
HB04-3202S	32±1.0	1-1/4	46.5	43.0	1.80	261	18.0	2610	210°C	208	1.30
HB04-3802S	38±1.0	1-1/2	54.0	50.2	1.80	261	18.0	2610	210°C	247	1.70
HB04-5102S	51±1.0	2	69.0	65.1	1.80	261	18.0	2610	210°C	357	2.46
HB04-6402S	64±1.0	2-1/2	85.5	81.2	1.80	261	18.0	2610	210°C	444	3.50
HB04-7602S	76±1.0	3	98.0	93.7	1.80	261	18.0	2610	210°C	570	4.15

结构：

软管由耐热性能良好的特种橡胶层、一层或两层耐热的镀铜钢丝编织增强层和耐热耐老化的外胶层组成，外观为红色或黑色布纹。

应用：

1 型为低压蒸汽软管，最大工作压力 0.6MPa，对应温度为 164°C；2 型为高压蒸汽软管，最大工作压力 1.8MPa，对应温度为 210°C。适用于输送饱和蒸汽及热冷凝水。

CONSTRUCTION:

This hose consist of an inner tube of excellent heat resistant rubber, one or two braids of steel wire reinforcement, and a red or black heat and aging resistant synthetic rubber cover.

APPLICATIONS:

Suitable for saturated steam and heat condensed water.

HB05

(HG/T 3037)

加油机软管
REFUEL HOSE



型号 TYPE	内径 I.D		外径 O.D	最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R	参考重量 W.T
	mm	inch	mm	MPa	Psi	MPa	Psi	mm	kg/m
HB05-1301	12.5±0.5	1/2	22.0	1.6	232	4.8	700	60	0.42
HB05-1601	16.0±0.5	5/8	25.4	1.6	232	4.8	700	80	0.49
HB05-1901	19.0±0.5	3/4	29.4	1.6	232	4.8	700	100	0.68
HB05-2501	25.0±0.5	1	35.4	1.6	233	4.8	700	150	0.88
HB05-3201	32.0±0.5	1-1/4	44.0	1.6	234	4.8	700	175	1.15
HB05-3801	38.0±0.5	1-1/2	50.0	1.6	235	4.8	700	225	1.42

注：1 型为低压的纤维增强层，具体参数请联系我们。
Type1：Low pressure with textile reinforcement,more imformation,please contact us.





结构：

软管由耐燃油的内胶层、一层钢丝编织的增强层和耐候的外胶层组成，外观为黑色光面或布纹。

应用：

适用于一般加油机设备输送航空煤油、汽油、柴油以及其他矿物油类，广泛用于机场、油库、码头等。温度范围为 -40°C～ +100°C。

CONSTRUCTION:

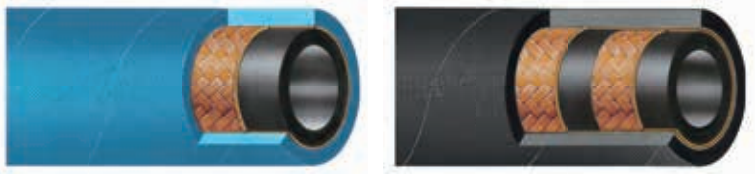
This hose shall consist of an oil resistant synthetic rubber, one wire braid reinforcement and a weather resistant smooth or fiber synthetic rubber cover .

APPLICATIONS:

Suitable for general refuelling equipment to convey aviation kerosene, gasoilne, diesel oil and other mineral oil in airport oil depot and quay. Working temperature :-40°C～ +100°C .

HB07

钢丝编织热水软管
PRESSURE WASHER HOSE



型号 TYPE	软管规格 HOSE SIZE			内径 I.D		增强层直径 W.D		外径 O.D		最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R		参考重量 W.T
	Dash	mm	inch	最小 Min	最大 Max	最小 Min	最大 Max	最小 Min	最大 Max	MPa	Psi	MPa	Psi	inch	mm	kg/m
HB07-0501	-3	5	3/16	5.0	5.4	9.1	9.9	11.1	11.9	25.0	3625	100.0	14500	3.54	90	0.19
HB07-0601	-4	6.3	1/4	6.5	6.9	10.8	11.6	12.7	13.7	22.5	3260	90.0	13050	3.94	100	0.23
HB07-0801	-5	8	5/16	8.0	8.5	12.3	13.1	14.3	15.3	21.5	3120	85.0	12325	4.53	115	0.27
HB07-1001	-6	10	3/8	9.5	10.0	14.7	15.5	16.6	17.6	18.0	2610	72.0	10440	5.12	130	0.36
HB07-1301	-8	12.5	1/2	12.7	13.3	17.8	18.6	19.7	20.7	16.0	2320	64.0	9280	7.09	180	0.44
HB07-1601	-10	16	5/8	15.9	16.7	20.8	21.8	22.7	23.9	13.0	1885	52.0	7540	7.87	200	0.50
HB07-1901	-12	19	3/4	18.9	19.7	24.4	25.6	26.8	28.0	10.5	1520	42.0	6090	9.45	240	0.66
HB07-2201	-14	22	7/8	22.0	22.8	27.2	28.4	29.6	30.8	10.0	1450	40.0	5800	11.2	280	0.71
HB07-2501	-16	25	1	25.4	26.2	32.3	33.3	34.6	35.8	8.8	1280	35.0	5075	11.81	300	1.03
HB07-3201	-20	31.5	1-1/4	32.0	32.8	39.4	40.6	42.0	43.2	6.3	910	25.0	3625	16.54	420	1.19
HB07-3801	-24	38	1-1/2	38.1	39.0	45.6	46.8	48.9	50.1	5.0	725	20.0	2900	19.69	500	1.50
HB07-5101	-32	51	2	50.8	51.8	58.9	60.5	62.9	64.5	4.0	580	16.0	2320	24.80	630	2.05
HB07-6301	-40	63	2-1/2	64.0	65.0	72.8	74.4	76.8	78.4	2.5	362	10.0	1450	29.92	760	2.55
HB07-7601	-48	76	3	76.0	77.0	86.0	87.6	90.8	92.4	2.0	290	8.0	1160	35.4	900	3.40
HB07-0502	-3	5	3/16	5.0	5.4	10.8	11.6	12.8	13.6	41.5	6020	165.0	23925	3.54	90	0.31
HB07-0602	-4	6.3	1/4	6.5	6.9	12.2	13.2	14.4	15.4	40.0	5800	160.0	23200	3.94	100	0.36
HB07-0802	-5	8	5/16	8.0	8.5	13.8	14.8	15.9	16.9	35.0	5075	140.0	20300	4.53	115	0.42
HB07-1002	-6	10	3/8	9.5	10.0	16.2	17.2	18.2	19.2	33.0	4785	132.0	19140	5.12	130	0.55
HB07-1302	-8	12.5	1/2	12.7	13.3	19.3	20.3	21.3	22.3	27.5	3990	110.0	15950	7.09	180	0.66
HB07-1602	-10	16	5/8	15.9	16.7	22.4	23.6	24.5	25.7	25.0	3625	100.0	14500	7.87	200	0.77
HB07-1902	-12	19	3/4	18.9	19.7	26.2	27.4	28.4	29.6	21.5	3120	86.0	12470	9.45	240	0.97
HB07-2202	-14	22	7/8	22.0	22.8	29.0	30.2	31.4	32.6	17.5	2537	70.0	10150	11.02	280	1.06
HB07-2502	-16	25	1	25.4	26.2	34.0	35.2	36.4	37.6	16.5	2390	65.0	9425	11.81	300	1.45
HB07-3202	-20	31.5	1-1/4	32.0	32.8	43.2	44.4	45.8	47.0	12.5	1810	50.0	7250	16.54	420	1.91
HB07-3802	-24	38	1-1/2	38.1	39.0	49.5	50.7	52.5	53.7	9.0	1305	36.0	5220	19.69	500	2.65
HB07-5102	-32	51	2	50.8	51.8	62.1	63.7	65.1	66.7	8.0	1160	32.0	4640	24.80	630	2.98
HB07-6302	-40	63	2-1/2	64.0	65.0	74.8	76.4	78.8	80.4	7.0	1015	28.0	4060	29.92	760	3.50
HB07-7602	-48	76	3	76.0	77.0	87.8	89.4	93.8	95.4	4.0	580	16.0	2320	35.4	900	4.46

结构：

软管由耐热的内胶层、一层或两层钢丝编织的增强层和耐热耐候的外胶层组成，外观有黑色、蓝色、红色、绿色及黄色光面或布纹。

应用：

适用于输送热水。不适合输送液压油和饱和蒸汽，温度范围为 -40°C～ +120°C，间歇温度 135°C。

CONSTRUCTION:

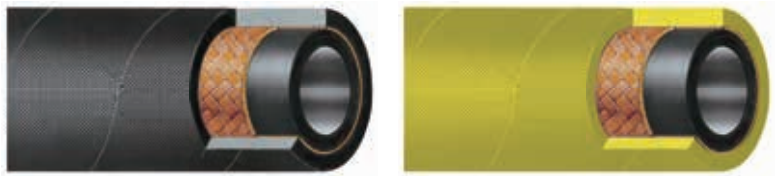
This hose consist of a heat synthetic rubber, one or two wire braids reinforcement, and a heat and weather resistant smooth or fabric synthetic rubber cover.The cover:black, blue, red, green or yellow.

APPLICATIONS:

Suitable for hot water and not including steam.
Working temperature :-40°C～ +120°C , Intermittent temp:+135°C .

HB08

钢丝编织空气软管
MINE SPRAY HOSE



型号 TYPE	内径 I.D		外径 O.D	最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R	参考重量 W.T
	mm	inch	mm	MPa	Psi	MPa	Psi	mm	kg/m
HB08-1301	13.0	1/2	23.3	7.0	1000	28.0	4000	130	0.58
HB08-1901	19.0	3/4	29.0	7.0	1000	28.0	4000	190	0.74
HB08-2501	25.0	1	36.5	7.0	1000	28.0	4000	250	1.10
HB08-3201	32.0	1-1/4	44.5	7.0	1000	28.0	4000	370	1.46
HB08-3801	38.0	1-1/2	50.3	7.0	1000	28.0	4000	450	1.73
HB08-5101	51.0	2	64.8	7.0	1000	28.0	4000	580	2.52
HB08-6401	64.0	2-1/2	77.0	4.0	580	16.0	2320	704	2.80
HB08-7601	76.0	3	88.8	3.5	500	14.0	2030	830	3.16
HB08-8901	89.0	3-1/2	102.0	3.0	435	12.0	1740	900	3.70
HB08-10201	102.0	4	118.9	2.8	400	11.2	1600	1200	5.21
HB08-10202	102.0	4	118.0	4.5	653	18.0	2610	1200	5.05





结构：

软管由气密性优异的内胶层、一层钢丝编织的增强层，满足 MAHS 认证的耐候性外胶层组成，外胶层有黑色、蓝色、红色、绿色及黄色光面或布纹，外胶层有刺孔。

应用：

适用于压缩空气、水的输送。温度范围为 -40°C～ +100°C。

证书：

MSHA:IC-291

CONSTRUCTION:

This hose consist of an excellent air tightness synthetic rubber, one wire braid reinforcement and an weather resistant pin-pricked synthetic rubber cover.The cover: smooth or fabric with black, blue, red, green or yellow.

APPLICATIONS:

Suitable for delivery of compressed air or water. Working temperature :-40°C～ +100°C .

CETIFICATE:

HB09

(HG/T 2192)

钢丝编织喷砂软管

WIRE BRAIDED SAND BLAST HOSE



型号 TYPE	内径 I.D		外径 O.D	最大工作压力 max W.P		最小爆破压力 min B.P		参考重量 W.T
	mm	inch	mm	MPa	Psi	MPa	Psi	kg/m
HB09-1301	13	1/2	27.0	1.0	145	3.0	450	0.58
HB09-1901	19	3/4	33.0	1.0	145	3.0	450	0.76
HB09-2501	25	1	40.0	1.0	145	3.0	450	1.01
HB09-3201	32	1-1/4	48.0	1.0	145	3.0	450	1.69
HB09-3801	38	1-1/2	55.0	1.0	145	3.0	450	2.02
HB09-5101	51	2	71.0	1.0	145	3.0	450	3.64
HB09-6401	64	2-1/2	84.0	1.0	145	3.0	450	4.65
HB09-7601	76	3	96.0	1.0	145	3.0	450	5.17
HB09-8901	89	3-1/2	110.0	1.0	145	3.0	450	6.37





结构：

软管由优异耐磨内胶层、一层钢丝编织的增强层和耐候的外胶层组成，外观有黑色、蓝色、红色、绿色及黄色光面或布纹。

应用：

适用于金属表面风压喷砂除锈、打磨、工程施工中的湿喷砂和干喷砂，也可以作水的输送。温度范围为 -40°C～ +70°C。

CONSTRUCTION:

This hose shall consist of an excellent abrasion resistant synthetic rubber, one wire braid reinforcement and a weather resistant smooth or fabric synthetic rubber cover.The over: black, blue, red, green or yellow.

APPLICATIONS:

Suitable for delivery of metal surface rust removalby wind pressure, sanding, wet or dry sand blasting, also conveying water.
Working temperature : -40°C～ +70°C .

HB11

钢丝编织回油管
HYDRAULIC OIL RETURN HOSE



型号 TYPE	软管规格 HOSE SIZE			内径 I.D		增强层直径 W.D		外径 O.D		最大工作压力 max W.P		最小爆破压力 min B.P		参考重量 W.T
	Dash	mm	inch	最小 Min	最大 Max	最小 Min	最大 Max	最小 Min	最大 Max	MPa	Psi	MPa	Psi	kg/m
HB11-1901	-12	19	3/4	18.9	19.7	24.5	25.5	27.4	28.6	5.0	725	20.0	2900	0.61
HB11-2501	-16	25	1	25.4	26.2	31.1	32.1	34.0	35.2	5.0	725	20.0	2900	0.79







结构：

软管由耐油的内胶层、一层钢丝编织的增强层和耐天候老化的外胶层组成。

应用：

工程机械回油管路和压缩机系统，工作温度范围为 -40°C ~+125°C。

CONSTRUCTION:

This hose shall consist of an oil resistant synthetic rubber, one steel wire braid reinforcement, and a weather and aging resistant rubber cover.

APPLICATIONS:

Suitable for construction machinery return lines and compressor systems.
Working temperature:-40°C～ +125°C .

HB12

(ISO 18752)

先导管
OIL BRAKE HOSE



型号 TYPE	软管规格 HOSE SIZE			内径 I.D		增强层直径 W.D		外径 O.D		最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R		参考重量 W.T
	Dash	mm	inch	最小 Min	最大 Max	最小 Min	最大 Max	最小 Min	最大 Max	MPa	Psi	MPa	Psi	inch	mm	kg/m
HB12-0601	-4	6.3	1/4	6.3	6.6	9.4	10	10.9	11.7	7.0	1015	28.0	4060	2.95	75	0.15
HB12-1001	-6	10	3/8	9.5	10	12.4	13.2	14.2	15.0	7.0	1015	28.0	4060	3.54	90	0.21







结构：

软管由一层钢丝编织的增强层和耐天候老化的外胶层组成，外观为黑色布纹或光面。

应用：

适用于石油基的液压制动系统，工作温度范围为 -40°C ~+100°C。

CONSTRUCTION:

This hose shall consist of an oil resistant synthetic rubber, one steel wire braid reinforcement and a weather and aging resistant smooth or fabric rubber cover.

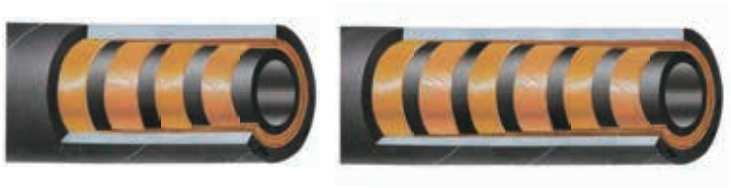
APPLICATIONS:

Suitable for petroleum-based hydraulic fluids in hydraulic braking systems.
Working temperature:-40°C～ +100°C .

HS01

(Q/HJJG 02)

超高压钢丝缠绕液压软管
STEEL WIRE SPIRAL HYDRAULIC HOSE



型号 TYPE	内径 I.D		增强层直径 W.D	外径 O.D	最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径 min B.R	参考重量 W.T
					2G	2M	2G	2M		
	mm	inch	mm	mm	MPa	MPa	MPa	MPa	mm	kg/m
四层编绕 /FOUR WIRE SPRIAL										
HS01-0604	6.3±0.2	1/4	14.4±0.5	17.4±0.5	52.0	100.0	208.0	210.0	130	0.65
HS01-0804	8.3±0.2	5/16	16.4±0.5	19.4±0.5	45.0	80.0	180.0	210.0	145	0.85
HS01-1004	10.0±0.2	3/8	19.3±0.5	22.3±0.5	44.5	70.0	178.0	210.0	160	1.03
HS01-1304	13.0±0.3	1/2	22.2±0.5	25.2±0.5	43.0	60.0	172.0	180.0	210	1.21
HS01-1604	16.0±0.4	5/8	26.0±0.5	29.0±0.5	40.0	55.0	160.0	165.0	260	1.72
HS01-1904	19.0±0.4	3/4	30.0±0.5	33.0±0.5	35.0	46.0	140.0	140.0	280	2.00
HS01-2204	22.0±0.4	7/8	33.0±0.5	36.0±0.5	31.0	41.0	124.0	124.0	320	2.11
HS01-2504	25.0±0.4	1	36.0±0.5	39.0±0.5	28.0	35.0	112.0	112.0	360	2.47
HS01-3204	32.0±0.4	1-1/4	44.0±0.5	47.0±0.5	21.0	32.0	84.0	96.0	460	3.12
HS01-3804	38.0±0.4	1-1/2	50.8±0.5	53.8±0.5	18.5	25.0	74.0	75.0	560	4.31
HS01-4504	45.0±0.4	1-3/4	57.8±0.5	61.0±0.6	16.0	21.0	64.0	64.0	640	5.08
HS01-5104	51.0±0.4	2	63.8±0.6	66.9±0.7	17.5	25.0	70.0	75.0	720	5.51
HS01-6404	63.5±0.5	2-1/2	81.0±0.7	81.0±0.7	—	27.0	—	81.0	800	6.3
HS01-7604	75.5±0.5	3	90.0±0.7	94.0±0.8	—	20.0	—	60.0	950	7.7
六层缠绕 /SIX WIRE SPRIAL										
HS01-0606	6.3±0.2	1/4	16.6±0.5	19.6±0.5	57.0	110.0	230.0	231.0	130	0.95
HS01-1006	9.9±0.3	3/8	21.8±0.5	24.8±0.5	—	77.0	—	231.0	160	1.48
HS01-1306	13.0±0.3	1/2	24.8±0.5	27.8±0.5	51.0	68.0	204.0	204.0	210	1.75
HS01-1606	16.0±0.4	5/8	29.0±0.5	32.0±0.5	54.0	72.0	216.0	216.0	260	2.02
HS01-1906	19.0±0.4	3/4	33.0±0.5	36.0±0.5	45.0	60.0	180.0	180.0	280	2.49
HS01-2206	22.0±0.4	7/8	36.0±0.5	39.0±0.5	40.0	53.0	160.0	160.0	320	2.61
HS01-2506	25.0±0.4	1	39.0±0.5	42.0±0.5	38.0	50.0	152.0	152.0	360	2.82
HS01-3206	32.0±0.4	1-1/4	47.0±0.5	50.0±0.5	31.0	41.0	124.0	124.0	460	3.79
HS01-3806	38.0±0.4	1-1/2	53.8±0.5	56.8±0.5	27.0	36.0	108.0	108.0	560	5.76
HS01-4506	45.0±0.4	1-3/4	60.8±0.5	64.0±0.6	24.0	32.0	96.0	96.0	640	6.60
HS01-5106	51.0±0.4	2	67.2±0.6	70.4±0.7	24.0	32.0	96.0	96.0	720	7.13
HS01-6406	63.5±0.5	2-1/2	81.0±0.7	85.0±0.8	—	32.0	—	96.0	800	9.0
HS01-7606	75.5±0.5	3	94.0±0.7	98.0±0.8	—	25.0	—	75.0	950	10.7

结构：

软管由耐油合成橡胶内胶层，四层或六层交替方向的柔软的钢丝缠绕层和耐油耐候合成橡胶外胶层组成。

应用：

适用于输送液压流体，如醇、液压油、燃油、润滑油、乳化液、烃等。温度范围为 -40 °C ～ +120 °C。

CONSTRUCTION:

This hose consist of an oil resistant synthetic rubber. 4 or 6 spirals of soft steel wire reinforcement and an oil and weather resistant synthetic rubber cover.

APPLICATIONS:

Suitable for hydraulic fluids such as glycol, mineral oils, fuels, lubrication, emulsion, hydrocarbons etc. Working temperature:-40°C～ +100°C .

HS05

钢丝帘线喷浆软管
HEAVY DUTY CONCRETE PUMPING HOSE



型号 TYPE	内径 I.D		增强层直径 W.D	外径 O.D	最大工作压力 max W.P		最小爆破压力 min B.P		最小弯曲半径	参考重量 W.T
	mm	inch	mm	mm	MPa	psi	MPa	psi	mm	kg/m
HS05-5102	51	2	66.2	70	8.5	1233	25.5	3698	508	3.14
HS05-6402	64	2-1/2	83.7	88	8.5	1233	25.5	3698	635	5.30
HS05-7602	76	3	97.8	102	8.5	1233	25.5	3698	762	6.50
HS05-8002	80	3-9/64	98.5	102.5	8.5	1233	25.5	3698	800	6.60
HS05-9002	90	3-35/64	110.0	115	8.5	1233	25.5	3698	905	8.20
HS05-10202	102	4	121.7	127	8.5	1233	25.5	3698	1016	8.97





结构：

软管由耐磨合成橡胶内胶层，二层交替方向的高抗拉钢丝缠绕层和耐候合成橡胶外胶层组成。

应用：

适用于混凝土浇铸传送，PH 值为 5 ～ 8；温度范围为 -20°C ～ +82°C。

CONSTRUCTION:

This hose consist of an abrasion resistant synthetic rubber, two spirals of high tensile steel wire reinforcement and a weather resistant synthetic rubber cover.

APPLICATIONS:

Suitable for concrete casting transmission, PH value is 5 to 8.
Working temperature :-40°C～ +100°C .

软管使用指南
THE DIRECTION FOR USING HOSE

一、选取软管及软管组合件应当考虑以下方面：

- 工作环境：环境温度，气候条件，和其他物料的外部接触；
- 输送介质：液体，气体，固体，或上述几种介质的混合物；
- 输送方式：加压排送，真空排吸引；
- 工作条件：输送物料的压力和温度；使用频率；脉冲或运动；
- 装　　配：弯曲的程度；系统的震动；由于撞击和摩擦而导致损坏的危险；正确连接型式的使用。

A.When choosing hose, please pay attention to the followings:

- Working Environment:Working temperature, weather, and the connection with other materials;
- Conveyable Matter:Liquid, gases, solid, or the mixture of above matters;
- Convey Ways:Delivery matter under the pressure, delivery and suction under vacuum;
- Working Condition:The pressure and temperature for conveying matter, Use frequency, impulse and movements;
- Installation:Bending, vibration of the system, the risk of damaged caused by hitting and friction, application of the right connecting mode.

二、软管组合件具有有限的寿命，降低寿命的因素包括：

- 将软管组合件弯曲到小于最小弯曲半径；
- 扭曲、拉伸、纹结、压轧或磨蚀软管；
- 在最高温度以上或最低温以下使用；
- 软管在超过最大工作压力的脉冲压力下使用（脉冲压力是指压力的迅速和瞬间上升）；
- 管接头质量不符合标准，扣压质量不好。
- 软管总成在使用时，接头拔脱或在距接头 25mm 内出的爆破，都不应视为软管的质量问题，这与接头质量、工装质量有关。外胶龟裂与使用时间、温度、环境有一定的关系，外喷油漆时，因硝基类油漆会加速软管的龟裂，应在整机喷漆时用薄膜等遮盖物对软管进行保护。

B.The is a limited life for hose assembly; please pay attention that the followings would reduce the hose useful life:

- Make the bend radius smaller than the min bend radius;
- Twisting, stretching, weld line, squeeze or corrode the hose;
- To be used exceeded max temperature or lower the min temperature;
- TO be used exceeded the impulse pressure of the max working pressure(the impulse pressure means the rapid rise of pressure);
- The quality of fitting is not up to the standard and assembling is not well.
- Hose assembly is in use, or in the joint pulling away from the blasting joint out within 25mm, should not be regarded as the quality problem of the hose, and the joint quality of tooling quality. The rubber cracking temperature and the use of time, there is a certain relationship between the environment, spray paint, nitro for oil the paint will accelerate the cracking in the hose, painting film covering for the protection of the hose.

三、软管及软管组合件的运输及存放要求：

- 软管的运输、搬运应做到轻拿轻放，不应在锋利和粗糙的表面拖拽，不应使其经受折曲和压扁。
- 软管或软管组合件在贮存，尤其是在长期贮存期间，贮存条件应能对软管或软管组合件提供最佳的保护和最小的损害。
- 软管或软管组合件贮存期应尽可能地短，如果不能避免长期贮存，产品在使用前应进行检查和试验。贮存时，贮存温度应在 0°C到 35°C之间，最好在 15°C左右，相对湿度最好不应超过 65%。在贮存期间，温度不应超过 50°C 和低于 -30°C，也不应有反常的波动。应在远离阳光和强的人工光源的暗处贮存，如果贮存内间有窗户或装有玻璃的开口，应使用红、橙或白色遮盖物遮蔽。
- 贮存场地不应有臭氧、热源、产生电磁场的设备。盘卷的软管或软管组合件应平放贮存，堆放的高度应限制在底部的产品不产生永久变形的程度，不推荐将软管卷悬挂在桩钉上。
- 如果软管及软管组合件不可避免的在冰点以下温度中存放或者使用，使用前，必须对软管及软管组合件进行预热。

C.Transport and storage requirements for hose and hose assemblies:

- Hose transportation, handling should be handled with care, should not drag on the surface of sharp and rough, which should not be subjected to bending and flattening.
- In storage, especially in long-term storage, storage conditions shall provide the best protection and minimal damage to the hose or hose assemblies.
- Hose or hose assemblies should be stored in the storage period as short as possible, if not to avoid long-term storage, the product should be inspected and tested before use.During the storage, the storage temperature should be 0°C to 35°C ., preferably at about 15°C , the best relative humidity should not exceed 65%. during storage, the temperature should not exceed 50°C and lower than -30°C , also should not have abnormal fluctuations. Should be stored in the dark from artificial sunlight and strong light source, such as fruit storage inside have a window or an opening with a glass, should use red, orange or white shield covering.
- The storage site should not produce ozone, heat, electromagnetic equipment. Disc hose or hose assembly volume should be placed in storage, stacking height should be limited at the bottom of the product does not produce permanent deformation degree, do not recommend hose hanging on the dowel pin.
- If the hose and hose assemblies are to be stored or used at temperatures below freezing point, it is necessary to preheat the hose and hose assemblies before use.

四、软管的使用要求：

充入软管中的压力（包括脉冲力）不得超过规定的最大工作压力；

软管不得在规定或建议的温度范围以外的温度（包括所输送物料的温度和环境温度）下使用；

软管不得在小于软管生产厂家规定或建议的最小弯曲半径下使用，否则会限制所输送物料的通过，并降低使用寿命。应当避免在软管接头附近弯曲或扭曲，这些部位的弯曲会使软管的增强层疲劳损坏，从而使软管过早的损坏；

软管不得在扭曲状态下工作使用；

管接头的边棱应光滑，芯子、外套等附件的尺寸必须保证。扣压质量的控制，不足或过大都会使组合件过早损坏；

软管具有有限的使用寿命，请定期检查更换。

D.Requirements for using hose:

- The pressure(including the impulse pressure)filled in the hose must not be exceeded the max working pressure;
- Hose can not be used under the temperature not stipulated or suggested including the conveyable matter's temperature and environment temperature;
- Hose can not be used under the bend radius that is smaller than min bend radius stipuated or suggested, or it will block the matter passing, and reduce the hose useful life.The hose should be precent from twisting or warping around the connection part, because the bending for this part will damage the reinforcement, as a result, the hose will be damaged quickly;
- The hose can not be used when it is twisted;
- The edge of hose fitting should be smooth;the size of mandril, sleeve or other accessory must be in confirmed.Less or more control of assembling power will also damage the assembly.
- There is a limited life for hose, please check and change it regularly.

五、警告：

- 液压软管组合件因使用时间长、损坏、磨损或者扣压、安装不当，存在软管爆破或者接头拨脱的的危险，其产生的威力，严重的话造成财产损失，甚至人身伤害、死亡，不可忽视。

E.warning:

- Hydraulic hose assemblies for use for a long time, damage, wear or buckling, improper installation, or removal of existing blasting hose joint shifting of the dangers of its power, serious word cause property damage, personal injury, or even death, can not be ignored.

软管组合件的安装
INSTALLING FLEXIBLE HOSE

软管组合件的长度根据安装情况确定。压力下可能出现的缩短或拉长应根据软管标准的规定来考虑。为保证不因为附加负荷而缩短软管组合件的寿命，组合件的安装通常应满足如下要求：

1. 在安装软管和软管组合件之前，应进行检查以保证软管内壁的清洁和没有堵塞物，管接头不得有外来杂质或毛刺、毛边。表面缺陷，特别是管接头芯子上的表面缺陷有造成外泄露的危险，应当避免；

2. 应避免软管扭转。（见图 1）；

3. 除软管自重外，尽可能降低软管工作状态下承受额外的张力。（见图 2）；

4. 软管不应低于最小弯曲半径进行安装。（见图 3）；

5. 在弯曲安装时，软管弯曲应当在 1.5d（d 为软管直径）的长度上开始，否则出现铰式支撑。（见图 4）；

6. 采取相应的措施避免软管组合件受外部机械损伤。（见图 5）；

7. 通过使用相应的管头或连接件避免软管出现附加负荷。（见图 6）；

8. 软管组合件在相同的水面出现移动或弯曲，通过合理的安装来避免软管扭转。（见图 7）；

9. 软管组合件使用活动部件时，软管组合件在整个运动范围内不小于最小弯曲半径，不应承受额外的拉力负荷。（见图 8）；

10. 夹持软管时，避免采用妨碍软管自然移动和长度变化的夹式。（见图 9）；

11. 应将由于振动引起的压力降低到最低限度并尽可能的避免。如果软管组合件是连接在刚性部件上，应当采用合适的卡箍并尽量接近连接处。

12. 应当避免软管（例如排气系统附近）受到热辐射，在高温位置可以采用隔热罩或隔热材料将软管保护起来。

The length of hose assembly should be according to the necessity of installation.We should take it in our consideration that the hose would be shorter or longer under the pressure according to the standard regulation. In order not to reduce the useful life caused by the load, the hose assembly installation should meet following requirements:

1.Before installing the hose and the hose assembly, you should check the inner, and make sure they are clean and no stem.And there must not be foreign impurity or small ting in the fittings. Surface defects, espceially the hose fitting mandril's, would cause a dangerous of leakiness, we should be avoid of using it;

2.It should not be twisted(see illustrations 1);

3.Except itself weight, reduce the additional tension while the hose is working.(see illustrations 2);

4.It is not allowed to install under the bend radius is less than the stipulated minimum bend radius.(see illustrations 3);

5.In the installation, the hose length should be at least in 1.5 times diameters of the hose, or it will become hinged bearing.(see illustrations 4);

6.Do some relevant measure to avoid the damage caused by external equioment.(see illustrations 5);

7.Avoiding addition load to the hose via using suitable fittings or connections.(see illustrations 6);

8.When there is movement or bend on one plane on hose, please do some reasonable installation to avoid its twisting.(see illustrations 7);

9.When put some active components use in hose assembly, the bend radius can not be less than the min bend radius and can not add addition tension during the whole movement.(see illustrations 8)

10.When infibulating hose, can not use the infibulated mode that obstruct the normal movement and change hose length.(see illustrations 9)

11.It should reduce the power caused by the vibrating to minimum, and it is better to be prevent from it.If the hose assembly is connected to the hard component, it should adopt suitable hoop and fit it near to the connection.

12.Be avoiding heat radiation;for example, be not near the exhausting system.The hose can be protected by the thermal-protective coating or adiabatic material.

软管组合件的安装
INSTALLING FLEXIBLE HOSE

图一: 软管不能扭转

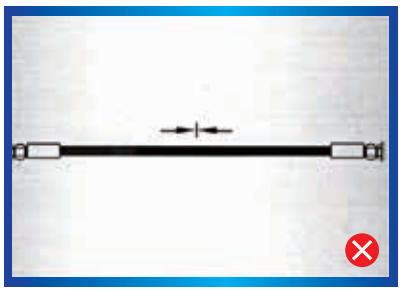
Illustrations 1:Can not be twisting

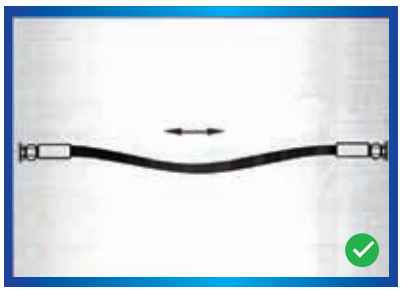




图二: 降低软管工作状态下的张力

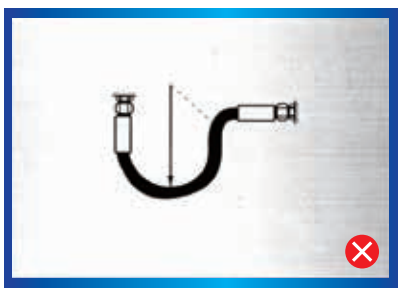
Illustrations 2:Reduce the tension while it's working





图三: 软管弯曲不能低于最小弯曲半径

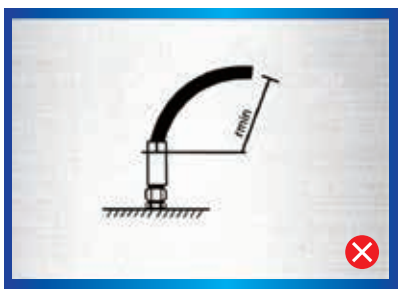
Illustrations 3:The bend radius can not be less t than the u bend radius

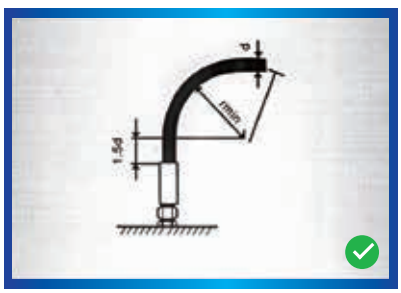




图四: 避免软管出现铰式支撑

Illustrations 4:Avoiding the hinged bearing





图五: 避免软管受外部机械损伤

Illustrations 5:Avoiding the damage caused by external equipment





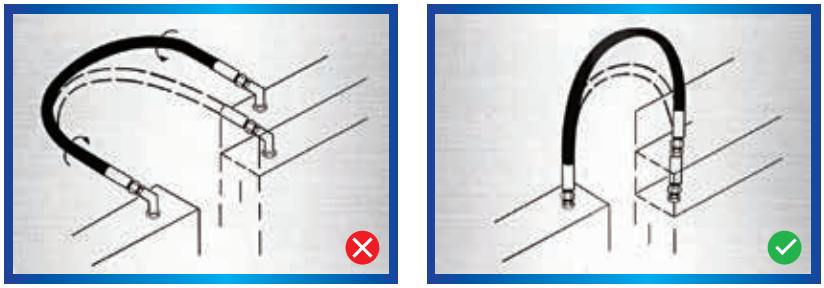
图六：避免软管出现附加负荷

Illustrations 6:Avoiding addition load on the hose



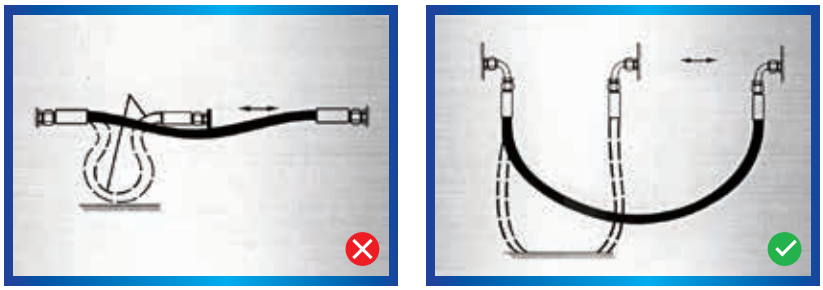
图七：避免软管扭转（使用于活动部件连接情形）

Illustrations 7:Avoiding twitting (in the active connection)



图八：避免软管小于弯曲半径及承受额外拉力负荷（使用于活动部件连接情形）

Illustrations 8:Avoiding the bend radius less than the min bend radius and more addition tension on the hose(in the active connection)



图九：避免夹持方式妨碍软管自然移动和长度变化

Illustrations 9:Avoiding infibulated mode obstruct the normal movement and change hose length

