

RSD HOSE

RSD HOSE

通过高性能解决方案 帮助客户提升工业传输效率与安全性

Through high-performance solutions, assisting customers
improve industrial transmission efficiency and security.

青岛瑞仕达新材料科技有限公司
Qingdao Restart New Material Technology Co.,Ltd

ENTERPRISE BROCHURE

高性能热塑性软管创新引领者

High Performance Thermoplastic Hose Innovator



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公司简介 Company Profile

青岛瑞仕达新材料科技有限公司是专业从事环保新材料应用开发的制造型企业。公司及相关投资公司提供R7、R8热塑性高压软管、集中润滑系统专用软管、电梯曳引钢带、聚氨酯电梯扶手带等低碳环保产品解决方案。我们不仅为客户提供高可靠和高性价比的标准产品,更能根据客户最新要求,不断研发推出新产品,满足行业的特殊要求。

我们严格的工艺流程控制和原材料质量把控,使我们已经通过了ISO9001、ISO45001、ISO14001体系认证。公司与巴斯夫、万华化学、杜邦、阿科玛等国际一流材料商保持广泛的合作关系,在新材料开发和新技术应用方面保持了非常强的竞争力。

我们以“让世界更环保,让生活更美好”为使命,希望通过专业水平和不懈努力成为“TPU应用开发领导者”。

Qingdao Restart New Material Technology Co., Ltd is a manufacturing enterprise specializing in the application and development of environmentally friendly new materials. The company and related investment companies provide low-carbon and environmentally friendly product solutions such as R7 /R8 thermoplastic high-pressure hoses, Centralized lubrication system hoses, elevator traction steel belts, polyurethane elevator handrail belts, etc. We not only provide customers with reliable and cost-effective standard products, but also continuously develop and launch new products according to their latest requirements, meeting the special requirements of the industry.

Our strict process control and raw material quality control have enabled us to pass ISO9001, ISO45001, and ISO14001 system certifications. The company maintains extensive cooperative relationships with international first-class material suppliers such as BASF, Wanhua Chemical, DuPont, and Arkema, and maintains strong competitiveness in the development of new materials and the application of new technologies.

Our mission is to make the world greener and life better, and we hope to become a "TPU application development leader" through professional expertise and unremitting efforts.

资质证书 Qualification Certificate



主营产品 Main Products

润滑脂软管和组件 Lubrication Grease Hoses And Accessories

RSD101/102 高压润滑尼龙管系列

RSD101/102 High pressure lubricating nylon tube

根据DIN73378 标准制造 According to DIN73378



技术参数(Technical Specifications)

Model	Size	Colour	BP.MIN	WP.MAX	Rmin.MIN	Est	Int
	Mm		Bar	Bar	Mm	Mm	Mm
RSD101A	4*2,2	Transparent,Black	110	36	20	0,1	0,1
RSD101B	4*2,5	Transparent,Black	95	31	20	0,1	0,1
RSD101C	5*2,6	Transparent,Black	127	38	20	0,1	0,1
RSD101D	6*4	Transparent,Black	80	27	20	0,1	0,1
RSD101E	6*3	Black	127	38	20	0,1	0,1
RSD102A	6*3	Black	270	90	20	0,1	0,1
RSD102B	8*5	Black	230	90	30	0,1	0,1

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润滑脂软管和组件

Lubrication Grease Hoses And Accessories

RSD201/202 高压润滑系列
RSD201/202 High Pressure Lubrication Series
根据DIN1283标准制造
According to DIN1283

- 高压润滑软管加注润滑脂
High-pressure plastic hose,filled with grease
- 高压润滑软管无油脂填充
High-pressure plastic hose,without grease filling



技术参数 (Technical Specifications)

INCH	ID mm	OD mm	Model	WP.MAX			BP.MIN			TP.	Safe	Change Length	Rmin.MIN	Weight
				MPa	Bar	Psi	MPa	Bar	Psi					
1/8	4,0	8,6	RSD201A	28	280	4060	84	840	12180	420	3:1	±1, 5%	20	53,0
3/16	5,0	10	RSD201B	28	280	4060	84	840	12180	420	3:1	±1, 5%	30	68
1/4	6,3	11,2	RSD201C	28	280	4060	72	720	10440	360	2.5:1	±1, 5%	40	78
1/8	4,0	9	RSD202A	28	280	4060	84	840	12180	420	3:1	±1, 5%	20	62
1/8	4,2	8,8	RSD202B	28	280	4060	84	840	12180	420	3:1	±1, 5%	20	58

组件Accessories:

- 螺纹套筒和软管螺柱 Threaded sleeve and hose stud(straight ,45°,90°)
- 卡套接头 Ferrule joint (straight ,90°)
- 双卡套直接头 Double ferrule straight joint
- 出油口接头 Outlet fittings screw-type



润滑软管和附件的应用 Lubrication grease hoses and accessories apply

1. 风电润滑软管解决方案 Wind power lubrication hose solutions
2. 商用汽车润滑软管解决方案 Commercial automotive lubrication hose solutions
3. 矿山机械润滑软管解决方案 Mining machinery lubrication hose solutions
4. 工程机械润滑软管解决方案 Construction machinery lubrication hose solutions
5. 端口终端润滑软管解决方案 Port terminal lubrication hose solutions

微型测试软管及组件

Micro Pressure Test Hoses And Accessories

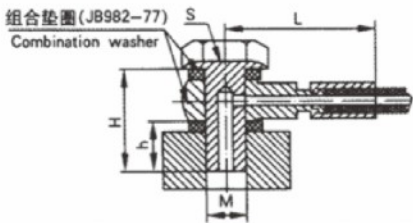
微型高压软管总成(测压软管, 测压装置) 公称通径为2mm、3mm, 最大工作压力63MPa,用于液压系统中, 测试液压系统中各点压力和作为传导流体介质的管道, 该软管接头总成与测压点接头配套使用, 具有结构先进, 密封可靠, 扣压牢固, 体积小, 重量轻, 使用简便等特点, 其连接形式有铰接式、快换式、锥面密封式等形式.

The micro high-pressure hose assembly (pressure measuring hose, pressure measuring device) has a nominal diameter of 2mm and 3mm, and a maximum working pressure of 63MPa. It is used in hydraulic systems to test the pressure of various points in the hydraulic system and pipelines as conductive fluid media. The hose joint assembly is used in conjunction with the pressure measuring point joint, and has the characteristics of advanced structure, reliable sealing, firm clamping, small volume, light weight, and easy use. Its connection forms include articulated, quick change, and articulated Conical sealing and other forms.

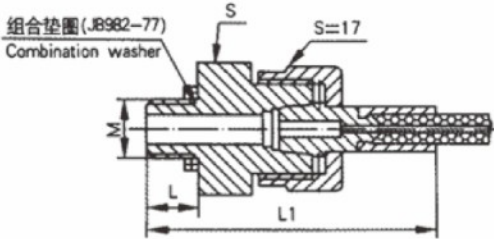


技术参数 (Technical Specifications)

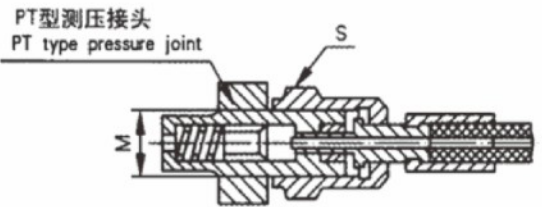
INCH	ID mm	OD mm	Model	WP.MAX			BP.MIN			TP.	Safe	Change Length	Rmin.MIN	Weight
				MPa	Bar	Psi	MPa	Bar	Psi			WP.	Mm	Gr/m
-	2,0	5,0	RSD301A	63,0	630	9135	160	1600	23200	1000	2.5:1	±1, 5%	20	16,5
-	3,0	6,0	RSD302A	63,0	630	9135	160	1600	23200	1000	2.5:1	±1, 5%	20	23
-	4,0	8,0	RSD303A	63,0	630	9135	160	1600	23200	1000	2.5:1	±1, 5%	30	50
-	3,0	6,0	RSD301B	25,0	250	3625	100	1000	14500	400	4:1	±1, 5%	20	22
-	3,0	7,0	RSD302B	40,0	400	5800	120	1200	17400	600	3:1	±1, 5%	20	30



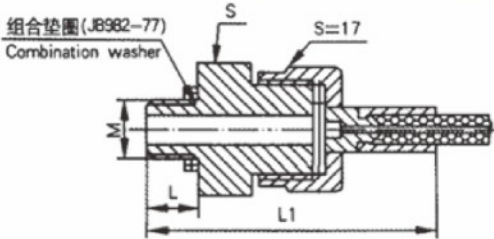
连接形式	代号	M	S	L	H	h
Joining pattern	Code name					
J铰接式	1	M10X1	17	32	28	8
J hinge pattern	2	M14X1.5	19	41	30	12



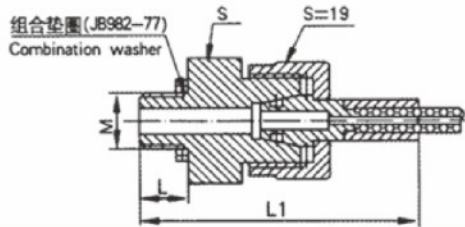
连接形式	代号	M	L	L1	s
Joining pattern	Code name				
K卡套式	1	M10X1	17	32	28
J card cover pattern	2	M14X1.5	19	41	30



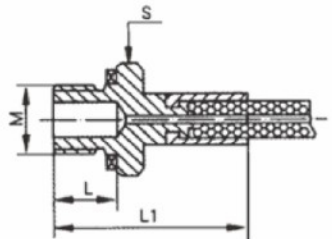
连接形式	代号	M	s
Joining pattern	Code name		
H快换式	1	M12X1.25	17
H quick-change pattern	2	M16	19
	3	M14X1.5	17
	4	M16X1.5	19



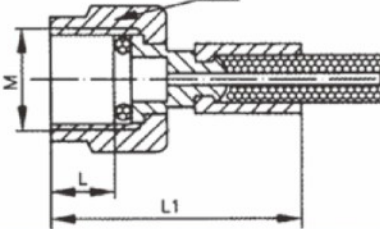
连接形式	代号	M	L	L1	s
Joining pattern	Code name				
G固定螺纹式	1	M12X1.25	8	31	17
G fixedthread pattern	2	M14X1.5	10	33	17
	3	M16X1.5	10	33	19



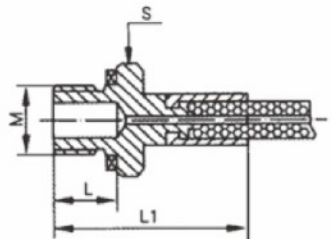
连接形式	代号	M	L	L1	S
Joining pattern	Code name				
O锥面密封式	1	M10X1	17	32	28
O cone sealing pattern	2	M14X1.5	19	41	30



连接形式	代号	M	L	L1	s
Joining pattern	Code name				
E外螺纹式	1	M14X1.5	12	34	19
E out screw thread pattern	2	G1/4"	12	34	19



连接形式	代号	M	L	L1	s
Joining pattern	Code name				
P直接压力表式	1	M14X1.5	10	34	17
P direct jining with parameter pattern	2	M20X1.5	18	42	24
	3	G1/4"	10	34	17



连接形式	代号	M	L	L1	s
Joining pattern	Code name				
S速换式	1	M14X1.5	12	104	19
S quick-change pattern	2	M20X1.5	14	106	24
	3	G1/4"	12	104	19

热塑性液压软管-R7

Thermoplastic Hydraulic Hose-R7

编织层增强型

Textile Reinforcement

高于DIN-24951-SAE 100R7-ISO 3949.1 标准要求制造
Over the requirements of DIN-24951-SAE 100R7-ISO 3949.1 norms

黑色,针扎的聚氨酯外层。可做成双胞胎管和多排管 and 不同尺寸的软管组合。同时满足不同颜色需求。
Black color, Pin Pricked - Polyurethane. Available twin and multi lines with different hose combination and size. Also,special colors up on request

- 热塑性聚酯材质
Thermoplastic elastomer
- 1或2层抗压合成纤维
1&2 layer of braided high-resistance synthetic fiber
- 聚氨酯耐磨层
Pin pricked anti-abrasion polyurethane



技术参数 (Technical Specifications)

INCH	ID mm	OD mm	Model	WP.MAX			BP.MIN			TP.	Safe	Change Length	Rmin.MIN	Weight
				MPa	Bar	Psi	MPa	Bar	Psi					
1/8	3,2	8,1	RSD401A	21	210	3045	84	840	12180	420	4:1	±1,5%	20	60,0
3/16	5,0	10,0	RSD401B	21	210	3045	84	840	12180	420	4:1	±1,5%	26	80,0
1/4	6,3	12,2	RSD401C	21	210	3045	84	840	12180	420	4:1	±1,5%	30	110,0
5/16	8,0	14,2	RSD401D	17,5	175	2538	70	700	10150	350	4:1	±1,5%	40	140,0
3/8	10	16,0	RSD401E	15,5	155	2248	62	620	8990	310	4:1	±1,5%	70	170,0
1/2	13,0	19,5	RSD401F	14	140	2030	56	560	8120	280	4:1	±1,5%	90	235,0
5/8	16,4	23,0	RSD401G	10,5	105	1500	42	420	6000	210	4:1	±1,5%	130	290,0
3/4	19,5	26,4	RSD401H	9,0	90	1300	36	360	5200	180	4:1	±1,5%	150	350,0
1	25,4	33,5	RSD401I	7,0	70	1000	28	280	4000	140	4:1	±1,5%	180	510,0

热塑性液压软管-R8

Thermoplastic Hydraulic Hose-R8

编织层增强型

Textile Reinforcement

SAE 100R8-ISO 3949.2 标准要求制造
SAE 100R8-ISO 3949.2 norms

黑色,针扎的聚氨酯外层。可做成双胞胎管和多排管 and 不同尺寸的软管组合。同时满足不同颜色需求。
Black color, Pin Pricked - Polyurethane. Available twin and multi lines with different hose combination and size. Also, special colors up on request

- 热塑性聚酯材质
Thermoplastic elastomer
- 1或2层高强度芳纶纤维
1&2 layer of braided aramid fibers
- 聚氨酯耐磨层
Pin pricked anti-abrasion polyurethane



技术参数 (Technical Specifications)

INCH	ID mm	OD mm	Model	WP.MAX			BP.MIN			TP.	Safe	Change Length	Rmin.MIN	Weight
				MPa	Bar	Psi	MPa	Bar	Psi					
1/8	4,0	8,6	RSD501A	36,2	362	5249	145	1450	21025	725	4:1	±1,5%	15	60,0
3/16	5,0	10,0	RSD501B	36,2	362	5249	145	1450	21025	725	4:1	±1,5%	22	80,0
1/4	6,3	12,2	RSD501C	36,2	362	5249	145	1450	21025	725	4:1	±1,5%	30	110,0
5/16	8,0	14,2	RSD501D	35,0	350	5075	140	1400	20300	700	4:1	±1,5%	40	140,0
3/8	10	16,0	RSD501E	30,0	300	4350	120	1200	17400	600	4:1	±1,5%	70	170,0
1/2	13,0	19,5	RSD501F	25,0	250	3625	100	1000	14500	500	4:1	±1,5%	90	235,0
5/8	16,4	23,1	RSD501G	20,0	200	2900	80	800	11600	400	4:1	±1,5%	130	290,0
3/4	19,5	26,4	RSD501H	16,2	162	2349	65	650	9425	325	4:1	±1,5%	150	350,0
1	25,4	33,3	RSD501I	14,0	140	2030	56	560	8120	280	4:1	±1,5%	190	510,0

热塑性液压软管-R8-2P

编织层增强型

Thermoplastic Hydraulic Hose-R8-2P

Textile Reinforcement

根据SAE100R8-ISO 3949.2 标准制造
According to SAE 100R8-ISO 3949.2 norms

- 热塑性聚酯材质
Thermoplastic elastomer
- 2或3层抗压合成纤维
2&3 layer of braided high-resistance synthetic fiber
- 聚氨酯耐磨层
Pin pricked anti-abrasion polyurethane



技术参数 (Technical Specifications)

INCH	ID mm	OD mm	Model	WP.MAX			BP.MIN			TP.	Safe	Change Length	Rmin.MIN	Weight
				MPa	Bar	Psi	MPa	Bar	Psi					
1/8	3,2	9,6	RSD601A	36,2	362	5249	145	1450	21025	724	4:1	±1,5%	20	80
3/16	5,0	12,2	RSD601B	36,2	362	5249	145	1450	21025	724	4:1	±1,5%	26	130
1/4	6,3	16	RSD601C	36,2	362	5249	145	1450	21025	724	4:1	±1,5%	30	225
5/16	8,0	16,2	RSD601D	29,0	290	4250	116	1160	17000	580	4:1	±1,5%	40	220
3/8	9,7	18,5	RSD601E	28,0	280	4000	112	1120	16000	560	4:1	±1,5%	70	260
1/2	13,0	22,5	RSD601F	24,5	245	3500	98	980	14000	490	4:1	±1,5%	90	360
5/8	16,4	25,5	RSD601G	19	190	2750	76	760	11000	380	4:1	±1,5%	130	400
3/4	19,5	28,8	RSD601H	15,5	155	2250	62	620	9000	310	4:1	±1,5%	150	470
1	25,4	36	RSD601I	14	140	2000	56	560	8000	280	4:1	±1,5%	180	640

工作温度范围 TEMPERATURE RANGE

- 对于液压油 For hydraulic fluid
-40°C(-40°F); +93°C(+199°F)
- 对于水基液和空气 For water based fluids and air
Max+65°C(+149°F)

接头形式 FITTINGS

- 扣压式接头或卡套式接头 Swage and reusable fittings

应用 APPLICATIONS

- 高压液压油输送 High pressure hydraulics



适合用于各种液体和气体，如：
矿物油、植物油；非可燃性液压油；油漆、溶剂、冷却液；水；二氧化碳、氮气、氧气等。
Suitable for various liquids and gases, such as: Mineral oil, vegetable oil; Non combustible hydraulic oil; Paint, solvent, coolant; Water; Carbon dioxide, oxygen, nitrogen, etc.

备注 NOTE：
所有数据都是在标准的试验环境下测得 (23°C+/-5°C)
Features are referred to standard laboratory conditions(23°C +/-5°C)

RSD901A-多用途输送管

RSD901A-Multi purpose

金属层增强型

Metal Reinforcement

RSD1001A-□□□□□□

RSD1001A-Multi purpose

金属层增强型

Metal Reinforcement

- 尼龙纤维或热塑性聚酯
Polyamide or Thermoplastic polyester
- 1层钢丝编织层
1 layer of braided steel wire
- 聚氨酯耐磨层
Pin pricked anti-abrasion polyurethane



技术参数 (Technical Specifications)

INCH	ID mm	OD mm	Model	WP.MAX			BP.MIN			TP.	Safe	Change Length	Rmin.MIN	Weight
				MPa	Bar	Psi	MPa	Bar	Psi					
3/16	5,0	10	PM040B	33,0	330	4785	132	1320	19140	660	4:1	±1,5%	20	107,0
1/4	6,3	11,7	PM040C	30,0	300	4351	120	1200	17404	600	4:1	±1,5%	35	167,5
5/16	8,0	13,5	PM040D	21,5	215	3117	86	860	12470	430	4:1	±1,5%	40	184,0
3/8	10	15,5	PM040E	21,5	215	3117	86	860	12470	430	4:1	±1,5%	60	248,5
1/2	13,0	19,0	PM040F	18,0	180	2610	72	720	10440	360	4:1	±1,5%	70	296,5
5/8	16,4	22,5	PM040G	14,5	145	2102	58	580	8510	290	4:1	±1,5%	110	377,5
3/4	19,5	26,5	PM040H	12,0	120	1740	48	480	6960	240	4:1	±1,5%	150	448,0
1	25,4	33,2	PM040I	9,7	97	1406	39	390	5655	195	4:1	±1,5%	170	537,0

- 尼龙纤维或热塑性聚酯
Polyamide or Thermoplastic polyester
- 2层钢丝加强层
2 layers of braided steel wire
- 聚氨酯耐磨层
Pin pricked anti-abrasion polyurethane

应用 APPLICATIONS

- 溶剂输送,喷涂,液压油
Hydraulics,solvents,paints

工作温度范围
TEMPERATURE RANGE

- 对于溶剂、油漆、液压油
For solvents,paints,
hydraulic fluids
-40'C(-40°F):+93'C(+199°F)

技术参数 (Technical Specifications)

INCH	ID mm	OD mm	Model	WP.MAX			BP.MIN			TP.	Safe	Change Length	Rmin.MIN	Weight
				MPa	Bar	Psi	MPa	Bar	Psi					
1/4	6,3	13,2	PM100C	45,0	450	6525	180	1800	25920	900	4:1	±1,5%	40	260
5/16	8,0	15,2	PM100D	40,0	400	5800	160	1600	23200	800	4:1	±1,5%	50	320
3/8	10	17,5	PM100E	38,0	380	5510	152	1520	22040	760	4:1	±1,5%	80	380
1/2	13,0	21,5	PM100F	30,0	300	4350	120	1200	17400	600	4:1	±1,5%	90	480
5/8	16,4	24,5	PM100G	18,0	180	2610	72	720	10440	360	4:1	±1,5%	100	610
3/4	19,5	28,0	PM100H	16,0	160	2320	64	640	9280	320	4:1	±1,5%	130	770
1	25,4	35,0	PM100I	12,0	120	1740	48	480	6960	240	4:1	±1,5%	150	920

RSD1101A-千斤顶、液压工具管 编织层增强型

RSD1101A-JACK HOSE Textile Reinforcement

本软管用于下水道疏通、喷射清洗、车辆和机械等的清洗和保养。适用于多种液体、气体、粉末、各种油类、化学品等。也适用于高压喷涂软管、下水道疏通、高压液压系统等。

This hose is used for sewer dredging, jet cleaning, cleaning and maintenance of vehicles, machinery, etc. It is suit for many types of liquid, gas, powder, various of oil and chemicals, etc.

It is also suit for high pressure spray-paint hose & sewer cleaning hose & High Pressure Hydraulic Systems.

- 热塑性聚酯材质
Thermoplastic elastomer
- 1或2层高强度芳纶纤维+1层钢丝增强层
1 or 2 layer of braided aramid yarn
+1 braided steel wire
- 聚氨酯耐磨层
Pin pricked anti-abrasion polyurethane



技术参数 (Technical Specifications)

INCH	ID mm	OD mm	Model	WP.MAX			BP.MIN			TP.	Safe	Change Length	Rmin.MIN	Weight
				MPa	Bar	Psi	MPa	Bar	Psi					
3/16	5,0	11,2	EK0100B	70,0	700	10150	175	1750	25375	1000	2,5:1	±1,5%	30	145,0
1/4	6,3	13,2	EK0100C	70,0	700	10150	175	1750	25375	1000	2,5:1	±1,5%	40	196,0
5/16	8,0	15,2	EK0100D	70,0	700	10150	175	1750	25375	1000	2,5:1	±1,5%	50	231,5
3/8	10,0	17,5	EK0100E	70,0	700	10150	175	1750	25375	1000	2,5:1	±1,5%	80	342,0
1/2	13,0	21,5	EK0100F	35,0	350	5075	140	1400	20300	700	4:1	±1,5%	90	424,0
5/8	16,4	24,5	EK0100G	22,5	225	3262	90	900	13050	450	4:1	±1,5%	100	453,0
3/4	19,5	28,0	EK0100H	20,0	200	2900	80	800	11600	400	4:1	±1,5%	130	512,0
1	25,4	35,0	EK0100I	17,5	175	2537	70	700	10150	350	4:1	±1,5%	150	685,0

下水道疏通专用管 编织层增强型

Sewer Cleaning Jet Hose Textile Reinforcement

本软管用于下水道疏通、喷射清洗、车辆和机械等的清洗和保养。适用于多种液体、气体、粉末、各种油类、化学品等。也适用于高压喷涂软管、下水道疏通、高压液压系统等。

This hose is used for sewer dredging, jet cleaning, cleaning and maintenance of vehicles, machinery, etc. It is suit for many types of liquid, gas, powder, various of oil and chemicals, etc.

It is also suit for high pressure spray-paint hose & sewer cleaning hose & High Pressure Hydraulic Systems.

- 热塑性聚酯材质
Thermoplastic elastomer
- 1或2层抗压合成纤维
1&2 layer of braided high-resistance synthetic fiber
- 聚氨酯耐磨层
Pin pricked anti-abrasion polyurethane



技术参数 (Technical Specifications)

INCH	ID mm	OD mm	Model	WP.MAX			BP.MIN			Safe	Change Length	Rmin.MIN	Weight
				MPa	Bar	Psi	MPa	Bar	Psi				
3/16	5,0	11	RSD701B	28	280	4060	84	840	12180	3:1	±1,5%	26	83
1/4	6,3	12,5	RSD701C	28	280	4060	84	840	12180	3:1	±1,5%	30	105
3/8	10,0	17,5	RSD701D	21	210	3045	52,5	525	7613	2,5:1	±1,5%	70	168
1/2	13,0	22,5	RSD701E	20	200	2900	50	500	7250	2,5:1	±1,5%	80	290
5/8	16,4	25,0	RSD701F	20	200	2900	50	500	7250	2,5:1	±1,5%	90	350
3/4	19,5	30,0	RSD701G	20	200	2900	50	500	7250	2,5:1	±1,5%	100	480
1	25,2	38,5	RSD701H	20	200	2900	50	500	7250	2,5:1	±1,5%	150	714
1+1/4	32,5	48,0	RSD701I	20	200	2900	50	500	7250	2,5:1	±1,5%	200	1010

超高压软管

Ultra-High Pressure Hose

- 聚甲醛 Polyoxymethylene
- 2层钢丝缠绕 Two spiral layers of high tensile steel wire
- 聚酰胺 Polyamide

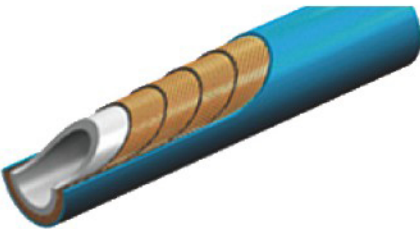
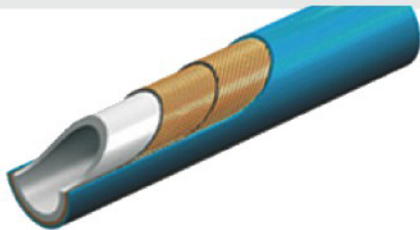
技术参数 (Technical Specifications)

INCH	ID mm	OD mm	Model	WP.MAX			BP.MIN			TP.	Safe	Change Length	Rmin.MIN	Weight
				MPa	Bar	Psi	MPa	Bar	Psi					
1/8	3,2	7,0	RSD200A	100	1000	14500	250	2500	36250	1000	2,5:1	±1,5%	60	70
5/32	4,0	8,2	RSD200B	110	1100	15950	275	2750	39875	1100	2,5:1	±1,5%	75	110
3/16	5,0	10,0	RSD200C	100	1000	14500	250	2500	36250	1000	2,5:1	±1,5%	95	130
1/4	6,3	11,8	RSD200D	100	1000	14500	250	2500	36250	1000	2,5:1	±1,5%	110	210
5/16	8,0	13,5	RSD200E	90	900	13050	225	2250	32625	900	2,5:1	±1,5%	120	260

- DN 3-8:聚甲醛:DN10-25:聚酰胺
DN 3-8:Polyoxymethylene;DN 10-25:Polyamide ie fibers
- 4层钢丝缠绕 4 spiral layers of high tensile steel wire
- 聚酰胺 Polyamide

技术参数 (Technical Specifications)

INCH	ID mm	OD mm	Model	WP.MAX			BP.MIN			TP.	Safe	Change Length	Rmin.MIN	Weight
				MPa	Bar	Psi	MPa	Bar	Psi					
1/8	3,0	8,2	RSD400A	200	2000	29000	500	5000	72500	2000	2,5:1	±1,5%	110	140
5/32	4,0	10,5	RSD400B	200	2000	29000	500	5000	72500	2000	2,5:1	±1,5%	130	240
3/16	5,0	11,5	RSD400C	180	1800	26100	450	4500	65250	1800	2,5:1	±1,5%	150	270
1/4	6,3	12,6	RSD400D	150	1500	21750	375	3750	54375	1500	2,5:1	±1,5%	180	330
5/16	8,0	15,0	RSD400E	140	1400	20300	350	3500	50750	1400	2,5:1	±1,5%	200	440
3/8	9,7	19,0	RSD400F	130	1300	18850	325	3250	47125	1300	2,5:1	±1,5%	200	710
1/2	12,7	22,0	RSD400G	120	1200	17400	300	3000	43500	1200	2,5:1	±1,5%	220	900
3/4	19,0	29,0	RSD400H	100	1000	14500	250	2500	36250	1000	2,5:1	±1,5%	260	1350
1	25,0	37,0	RSD400I	90	900	13050	225	2250	32625	900	2,5:1	±1,5%	300	1900



特超高压软管

Ultra-High Pressure Hose

- DN 3-8:聚甲醛:DN10-25:聚酰胺
DN 3-8:Polyoxymethylene;DN 10-25:Polyamide ie fibers
- 6层钢丝缠绕 6 spiral layers of high tensile steel wire
- 聚酰胺 Polyamide

技术参数 (Technical Specifications)

INCH	ID mm	OD mm	Model	WP.MAX			BP.MIN			TP.	Safe	Change Length	Rmin.MIN	Weight
				MPa	Bar	Psi	MPa	Bar	Psi					
5/32	4,0	12,0	RSD600A	280	2800	40600	700	7000	101500	2800	2,5:1	±1,5%	150	400
3/16	5,0	13,5	RSD600B	280	2800	40600	700	7000	101500	2800	2,5:1	±1,5%	220	500
1/4	6,3	15,5	RSD600C	250	2500	36250	625	6250	90625	2500	2,5:1	±1,5%	220	700
5/16	8,0	17,5	RSD600D	250	2500	36250	625	6250	90625	2500	2,5:1	±1,5%	220	850
1/2	12,7	27,0	RSD600E	200	2000	29000	500	5000	72500	2000	2,5:1	±1,5%	320	900

- DN 3-8:聚甲醛:DN10-25:聚酰胺
DN 3-8:Polyoxymethylene;DN 10-25:Polyamide ie fibers
- 8层钢丝缠绕 8 spiral layers of high tensile steel wire
- 聚酰胺 Polyamide

技术参数 (Technical Specifications)

INCH	ID mm	OD mm	Model	WP.MAX			BP.MIN			TP.	Safe	Change Length	Rmin.MIN	Weight
				MPa	Bar	Psi	MPa	Bar	Psi					
3/16	4,8	15,5	RSD800A	300	3000	43500	780	7800	113100	3000	2,5:1	±1,5%	250	720
5/16	7,8	22,0	RSD800B	300	3000	43500	780	7800	113100	3000	2,5:1	±1,5%	300	1500
1/2	12,7	29,0	RSD800C	250	2500	36250	325	3250	90625	2500	2,5:1	±1,5%	350	2400

备注 NOTE
所有数据都是在标准的试验环境下测得 (23°C+/-5°C)
eatures are referred to standard laboratory conditions (23°C+/-5°C)



聚氨酯夹纱管 Polyurethane Fiber Reinforced Hose

产品结构 Product composition

- 聚氨酯聚酯型/聚醚型
Polyurethane-Polyester TPU/Polyether TPU
- 网格纤维编织
Mesh fiber woven layer
- 聚氨酯聚酯型/聚醚型
Polyurethane-Polyester TPU/Polyether TPU



产品特性 Product features

1. 材料绿色环保, 无毒、无味、耐风蚀;
The material is green and environmentally friendly, non-toxic, odorless, and resistant to wind erosion;
2. 内外壁光滑, 流体阻力小, 液压损失少;
Smooth inner and outer walls, low fluid resistance, and minimal hydraulic loss;
3. 具有高弹性、高伸缩率、高强度;
It has high elasticity, scalability, and high strength;
4. 具有极好的耐磨性能、耐老化性能;
It has excellent wear resistance and aging resistance;
5. 软管弯曲半径小, 无毒无味, 耐冲击, 耐疲劳, 轻便灵活。
The flexible hose has a small bending radius, is non-toxic and odorless, is resistant to impact, fatigue, and is lightweight and flexible.

产品用途 Applications

适用于工业、农业、土木工程等领域一般工作压力的气体、油类、无腐蚀性液体输送。如: 气动管、液压油管、饮料、水等。Suitable for conveying gases, oils, and non corrosive liquids under general working pressure in industries, agriculture, civil engineering, and other fields. For example: pneumatic pipes, hydraulic oil pipes, beverages, water, etc.

服务 Service

颜色、型号、规格等根据客户要求生产定制
Customized production of colors, models, specifications, etc. according to customer requirements

聚氨酯软管 Polyurethane Hose

产品应用 Product application

物流运输护套软管解决方案

Logistics transportation sheath hose solution

辊筒TPU保护套

Roller TPU protective sleeve

- TPU材料护套环保无臭
TPU material sheath is environmentally friendly and odorless
- TPU材料护套具有优异的耐磨性
TPU material sheath has excellent wear resistance
- TPU管护套加工速度更快、更方便
TPU pipe sheath processing speed is faster and more convenient

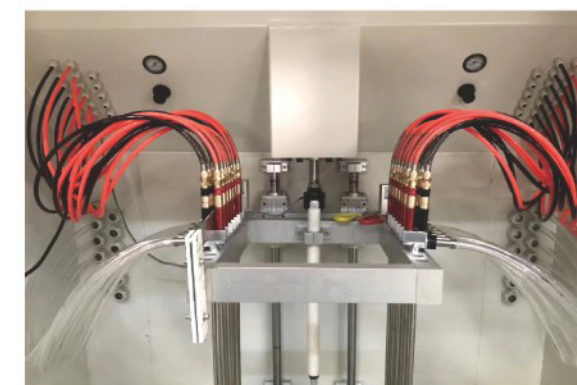


TPU材料输送软管

TPU material conveying hose

低压油运输、静电粉末运输、铆钉运输等介质运输

Low pressure oil transportation, electrostatic powder transportation, rivet transportation and other media transportation



聚氨酯材料的产品特性:

Product characteristics of polyurethane materials:

- 良好的耐磨性, 质量轻 Good wear resistance and light weight
- 内外壁光滑 Various colors, smooth inner and outer walls
- 环保、无污染、可再生 Environmentally friendly, pollution-free and renewable
- 温度范围 Temperature range: -20°C-100°C



聚氨酯管为非标定制(根据图纸, 样品等)

Polyurethane pipes are non-standard customized (according to drawings, samples, etc.)

