

专注液压流体管路 深耕行业核心技术
致力成为高性能热塑性软管创新领导者

Focused on hydraulic fluid pipelines, Deep-rooted in core industry technologies, Striving to become an innovation leader in high-performance thermoplastic hoses.



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优立莱橡塑制品有限公司

YOULILAI RUBBER & PLASTIC PRODUCTS CO., LTD.

全系列高压树脂管、测压软管、测压接头
可提供OEM/ODM



山东 德州
Shandong Dezhou

企业简介

COMPANY PROFILE

优立莱橡塑制品有限公司成立于2010年，是一家集研发、生产制造、销售、服务为一体的现代化企业。

我公司主要产品：测压软管、测压接头、热塑性高压软管、集中润滑系统软管、R7/R8树脂管、制冷毛细软管、超高压软管等产品，产品广泛应用于机械制造、汽车、航空航天、环保、医疗等领域，深受各界客户的信赖与认可。

优立莱橡塑配备多条自动化生产线，建立全流程可追溯系统，生产加工到成品出厂，实现全过程 100% 质量管控。公司现已取得 IATF16949、ISO 9001 质量管理体系、ISO45001 职业健康安全管理体系、ISO 14001 环境管理体系。支持OEM/ODM合作。

优立莱始终坚守初心、深耕橡塑领域，秉持“以人为本，以质量求生存，以服务求信誉，以管理求效益，以科技求发展”的治业理念。始终以“合作共赢，共同发展”为核心发展目标，立足行业优势、坚守诚信经营，竭诚期待与海内外新老客户携手并肩、精诚合作，聚力共创行业新辉煌！

Youlilai Rubber & Plastic Products Co., Ltd. established in 2010, is a modern enterprise integrating R&D, manufacturing, sales, and services.

Our company's main products include pressure-test couplings, pressure measuring connectors, thermoplastic high-pressure hoses, centralized lubrication system hoses, R7/R8 resin hoses, refrigeration capillary hoses, and ultra-high-pressure hoses. These products are widely used in mechanical manufacturing, automotive, aerospace, environmental protection, medical, and other fields, earning the trust and recognition of customers across various industries.

Uleire Rubber & Plastic is equipped with multiple automated production lines and has established a full-process traceability system, achieving 100% quality control from raw material inspection and storage to production, processing, and finished product delivery. The company has obtained certifications including IATF 16949, ISO 9001 Quality Management System, ISO 45001 Occupational Health and Safety Management System, and ISO 14001 Environmental Management System. It supports OEM/ODM collaboration.

OULI always adheres to its original aspiration, deeply engages in the rubber and plastic industry, and upholds the business philosophy of "putting people first, seeking survival through quality, earning credibility through service, pursuing efficiency through management, and driving development through technology."

"With the core development goal of "win-win cooperation and shared growth," the company leverages its industry strengths, maintains integrity in operations, and sincerely looks forward to collaborating with both new and existing clients worldwide. Together, we strive to create a new era of industry brilliance!"



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测压软管系列
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铁氟龙编织软管
超高压软管
特超高压软管
测压接头
测压软管接头



测压软管性能简介和规格参数

Introduction to the Performance and Specifications of Pressure Measurement Hose

(一) 简介 Introduction

HF系列微型高压软管总成(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、扣压牢靠, 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, 支持定制。

HF-Series Mini High-Pressure Hose Assemblies (Pressure-measuring Hoses, Pressure-test Units) feature a nominal bore of 2 mm / 3 mm and a maximum working pressure of 63 MPa. Applied in hydraulic systems, they are used for pressure measurement at various test points and as pipelines for fluid-medium transmission. Matching with pressure-test point connectors, these hose assemblies adopt advanced structure with reliable sealing and firm crimping. They are compact, lightweight and easy to operate. Connection types include hinged joint, quick-connect and cone-seal styles. Customization is available.

软管内层材质: Core material

聚酰胺 (PA) / 聚四氟乙烯(PTFE)
Polyamide (PA) / Polytetrafluoroethylene (PTFE)

增强层材质: Reinforcement material

芳纶纤维或涤纶纤维
Aramid fiber or Polyester fiber

软管外层材质: Cover material

聚酰胺 (PA) / 聚氨酯 (PU), 可针刺
Polyamide (PA) / Polyurethane (PU),
pin-prickable

适用温度: 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)

适用介质: Applicable medium

矿物油、水、酒精、汽油、乳化液、气体等介质
Mineral oil, water, alcohol, gasoline, emulsions,
gas and other media



(二) 技术参数 Technical Specifications

订货型号 Model number	英寸/INCH	内径 (ID) (MM)	外径 (OD) (MM)	额定工作压力 Working Pressure (MPa)	最小爆破压力 Burst Pressure (MPa)	安全系数 (Safety factor)	工作压力下延伸率 Change in length at Working Pressure	最小弯曲半径 Bend Radius (MM)	软管参考重量 Weight of hose (g/m)	备注 Note
YLL-2A-100	1/12"	2	5	30	90	3:1	±1.5%	25	19	
YLL-2A-300	1/12"	2	5	63	160	2.5:1	±1.5%	25	19	
YLL-2A-800	1/12"	2	5	63	180	2.8:1	±1.5%	25	19	
YLL-3A-100	1/8"	3	6	27	80	3:1	±1.5%	30	24	
YLL-3A-300	1/8"	3	6	63	160	2.5:1	±1.5%	30	24	
YLL-3A-800	1/8"	3	6	63	180	2.8:1	±1.5%	30	24	
YLL-3A-1000	1/8"	3	7	100	280	2.8:1	±1.5%	30	24	
YLL-4A-300	5/32"	4	8.6	21	84	4:1	±1.5%	35	55	
YLL-4A-500	5/32"	4	8.6	21	84	4:1	±1.5%	35	55	
YLL-4A-800	5/32"	4	8.6	21	84	4:1	±1.5%	35	55	
YLL-4A-1000	5/32"	4	8.6	50	150	3:1	±1.5%	35	55	

润滑脂软管

Grease Hose



优立莱橡塑

(一) 简介 Introduction

适用于集中润滑系统、工程机械润滑、风电设备等高压场景。产品特点: 内衬层:PA中间纤维增强, 外层:尼龙或聚氨酯, 软管具有耐高压、耐腐蚀、重量轻等特点。工作压力: 尼龙耐压范围达840bar。尺寸: 内径4mmx外径8.6mm

Suitable for high-pressure applications such as centralized lubrication systems, construction machinery lubrication, and wind power equipment. Product features: Inner lining: PA with intermediate fiber reinforcement, outer layer: Nylon or polyurethane. The hose features high-pressure resistance, corrosion resistance, and lightweight characteristics. Working pressure: Nylon can withstand up to 840 bar. Dimensions: Inner diameter 4mm x outer diameter 8.6mm

软管内层材质: Core material

聚酰胺 (PA)
Polyamide (PA)

增强层材质: Reinforcement material

涤纶纤维
Fiber

软管外层材质: Cover material

聚酰胺 (PA) / 聚氨酯 (PU), 可针刺
Polyamide (PA) / Polyurethane (PU),
pin-prickable

适用温度: 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)

适用介质: Applicable medium

矿物油、水、酒精、汽油、乳化液、气体等介质
Mineral oil, water, alcohol, gasoline, emulsions,
gas and other media



(二) 技术参数 Technical Specifications

订货型号 Model number	英寸/INCH	内径 (ID) (MM)	外径 (OD) (MM)	额定工作压力 Working Pressure (MPa)	最小爆破压力 Burst Pressure (MPa)	安全系数 (Safety factor)	工作压力下延伸率 Change in length at Working Pressure	最小弯曲半径 Bend Radius (MM)	软管参考重量 Weight of hose (g/m)	备注 Note
YLL-4A-300	5/32"	4	8.6	28	84	3:1	±1.5%	35	55	
YLL-4A-300-B	5/32"	4	9	28	84	3:1	±1.5%	35	60	
YLL-4A-500	5/32"	4	8.6	28	84	3:1	±1.5%	35	55	
YLL-4A-800	5/32"	4	8.6	28	84	3:1	±1.5%	35	55	
YLL-4A-1000	5/32"	4	8.6	50	150	3:1	±1.5%	35	55	
YLL-6A-300	1/4"	6	11	28	72	2.5:1	±1.5%	40	78	

测压软管系列
润滑脂软管
热塑性液压软管
铁氟龙编织软管
超高压软管
特超高压软管
测压接头
测压软管接头

测试软管系列
润滑脂软管
热塑性液压软管
铁氟龙编织软管
超高压软管
特超高压软管
测试接头
测试软管接头



纤维增强软管-R7

Fiber-braided hose, SAE 100 R7

(一) 简介 Introduction

根据SAE 100 R7-ISO3949.1标准要求制造。

Manufactured according to the requirements of SAE 100 R7-ISO3949.1 standard.

黑色，可针刺聚氨酯外层。可做成双胞胎管、多排管和不同尺寸的软管组合。同时满足不同颜色需求。

Black, pin-prickable polyurethane outer layer. It can be made as twin hoses, multi-row hoses and hose assemblies of different sizes, and customized colors are available.

软管内层材质: Core material

热塑性聚酯材质
Thermoplastic polyester material

增强层材质: Reinforcement material

一层抗压合成纤维
1-ply pressure-resistant synthetic fiber

软管外层材质: Cover material

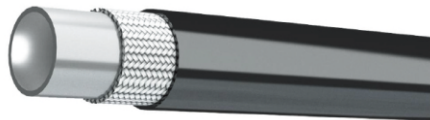
聚氨酯,可针刺
Polyurethane, pin-prickable

适用温度: 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)

适用介质: Applicable medium

矿物油、水、酒精、汽油、乳化液、气体等介质
Mineral oil, water, alcohol, gasoline, emulsions,
gas and other media



(二) 技术参数 Technical Specifications

订货型号 Model number	英寸/INCH	内径 (ID) (MM)	外径 (OD) (MM)	额定工作压力 Working Pressure (MPa)	最小爆破压力 Burst Pressure (MPa)	安全系数 (Safety factor)	工作压力下延伸率 Change in length at Working Pressure	最小弯曲半径 Bend Radius (MM)	软管参考重量 Weight of hose (g/m)	备注 Note
YLL-XPA-3-I	1/8"	3	6	21	84	4:1	±1.5%	20	20	
YLL-XPA-4-I	5/32"	4	8.6	21	84	4:1	±1.5%	26	60	
YLL-XPA-5-I	3/16"	5	10	21	84	4:1	±1.5%	26	68	
YLL-XPA-6-I	1/4"	6.3	12.2	21	84	4:1	±1.5%	30	80	
YLL-XPA-8-I	5/16"	8	13.5	18	72	4:1	±1.5%	40	120	
YLL-XPA-10-I	3/8"	10	16	16	64	4:1	±1.5%	70	170	
YLL-XPA-13-I	1/2"	13	19.5	14	56	4:1	±1.5%	90	200	
YLL-XPA-16-I	5/8"	16	23	10	40	4:1	±1.5%	130	290	
YLL-XPA-19-I	3/4"	19	26	9	36	4:1	±1.5%	150	350	
YLL-XPA-25-I	1"	25	33.5	7	28	4:1	±1.5%	180	510	

纤维增强软管-R8

Fiber-braided hose, SAE 100 R8

(一) 简介 Introduction

根据SAE 100 R8-ISO3949.2标准要求制造。

Manufactured according to the requirements of SAE 100 R8-ISO3949.2 standard.

黑色，可针刺聚氨酯外层。可做成双胞胎管和多排管、不同尺寸的软管组合。同时满足不同颜色需求。

Black, pin-prickable polyurethane outer layer. It can be made as twin hoses, multi-row hoses and hose assemblies of different sizes, and customized colors are available.

软管内层材质: Core material

热塑性聚酯材质
Thermoplastic polyester material

增强层材质: Reinforcement material

二层抗压合成纤维
2-ply pressure-resistant synthetic fiber

软管外层材质: Cover material

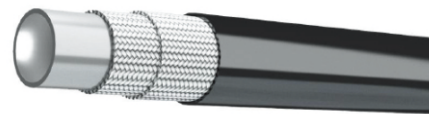
聚氨酯,可针刺
Polyurethane, pin-prickable

适用温度: 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)

适用介质: Applicable medium

矿物油、水、酒精、汽油、乳化液、气体等介质
Mineral oil, water, alcohol, gasoline, emulsions,
gas and other media



(二) 技术参数 Technical Specifications

订货型号 Model number	英寸/INCH	内径 (ID) (MM)	外径 (OD) (MM)	额定工作压力 Working Pressure (MPa)	最小爆破压力 Burst Pressure (MPa)	安全系数 (Safety factor)	工作压力下延伸率 Change in length at Working Pressure	最小弯曲半径 Bend Radius (MM)	软管参考重量 Weight of hose (g/m)	备注 Note
YLL-XPA-4-II	1/8"	4	10	35	140	4:1	±1.5%	26	60	
YLL-XPA-5-II	3/16"	5	12	35	140	4:1	±1.5%	26	80	
YLL-XPA-6-II	1/4"	6.3	13.3	27	110	4:1	±1.5%	30	120	
YLL-XPA-8-II	5/16"	8	14.5	21	84	4:1	±1.5%	40	130	
YLL-XPA-10-II	3/8"	10	17	19	78	4:1	±1.5%	70	240	
YLL-XPA-13-II	1/2"	13	21	18	72	4:1	±1.5%	90	330	
YLL-XPA-16-II	5/8"	16	25	15	60	4:1	±1.5%	130	400	
YLL-XPA-19-II	3/4"	19	29	12	48	4:1	±1.5%	150	470	
YLL-XPA-25-II	1"	25	35	10	42	4:1	±1.5%	200	640	

测试软管系列
润滑脂软管
热塑性液压软管
铁氟龙编织软管
超高压软管
特超高压软管
测试接头
测试软管接头

测试软管系列
润滑脂软管
热塑性液压软管
铁氟龙编织软管
超高压软管
特超高压软管
测试接头
测试软管接头



钢丝增强软管-R7

Steel-wire braided hose, SAE 100 R7

(一) 简介 Introduction

全热塑性尼龙 + 聚氨酯结构，区别于传统橡胶软管，轻量化、低渗透、洁净耐油，一层钢丝编织 R7。

All-thermoplastic nylon + polyurethane construction. Unlike conventional rubber hoses, it features light weight, low permeability, clean performance and oil resistance, with 1-ply steel wire braid per SAE 100 R7.

软管内层材质: Core material

热塑性聚酯材质
Thermoplastic polyester material

增强层材质: Reinforcement material

一层钢丝编织增强
1 braided layer of steel wire

软管外层材质: Cover material

聚氨酯 (PU), 可针刺
Polyurethane (PU), pin-prickable

适用温度: 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)

适用介质: Applicable medium

矿物油、水、酒精、汽油、乳化液、气体等介质
Mineral oil, water, alcohol, gasoline, emulsions,
gas and other media



(二) 技术参数 Technical Specifications

订货型号 Model number	英寸/INCH	内径 (ID) (MM)	外径 (OD) (MM)	额定工作压力 Working Pressure (MPa)	最小爆破压力 Burst Pressure (MPa)	安全系数 (Safety factor)	工作压力下延伸率 Change in length at Working Pressure	最小弯曲半径 Bend Radius (MM)	软管参考重量 Weight of hose (g/m)	备注 Note
YLL-GPA-4-I	5/32"	4	9	32	130	4:1	±1.5%	20	130	
YLL-GPA-4.7-I	3/16"	4.7	10.6	32	130	4:1	±1.5%	25	150	
YLL-GPA-6-I	1/4"	6.3	11.8	30	120	4:1	±1.5%	35	132	
YLL-GPA-8-I	5/16"	8	13.5	22	90	4:1	±1.5%	40	214	
YLL-GPA-10-I	3/8"	10	15.5	21	86	4:1	±1.5%	60	232	
YLL-GPA-13-I	1/2"	13	19.5	18	72	4:1	±1.5%	70	290	
YLL-GPA-16-I	5/8"	16	22.5	14	58	4:1	±1.5%	110	370	
YLL-GPA-19-I	3/4"	19	26	12	48	4:1	±1.5%	150	440	
YLL-GPA-25-I	1"	25.4	33.2	9	39	4:1	±1.5%	170	530	

钢丝增强软管-R8

Steel-wire braided hose, SAE 100 R8

(一) 简介 Introduction

全热塑性尼龙 + 聚氨酯结构，区别于传统橡胶软管，轻量化、低渗透、洁净耐油，二层钢丝编织 R8。

All-thermoplastic nylon + polyurethane construction. Unlike conventional rubber hoses, it features light weight, low permeability, clean performance and oil resistance, with 2-ply steel wire braid per SAE 100 R8.

软管内层材质: Core material

热塑性聚酯材质
Thermoplastic polyester material

增强层材质: Reinforcement material

二层钢丝编织增强
2 braided layer of steel wire

软管外层材质: Cover material

聚氨酯 (PU), 可针刺
Polyurethane (PU), pin-prickable

适用温度: 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)

适用介质: Applicable medium

矿物油、水、酒精、汽油、乳化液、气体等介质
Mineral oil, water, alcohol, gasoline, emulsions,
gas and other media



(二) 技术参数 Technical Specifications

订货型号 Model number	英寸/INCH	内径 (ID) (MM)	外径 (OD) (MM)	额定工作压力 Working Pressure (MPa)	最小爆破压力 Burst Pressure (MPa)	安全系数 (Safety factor)	工作压力下延伸率 Change in length at Working Pressure	最小弯曲半径 Bend Radius (MM)	软管参考重量 Weight of hose (g/m)	备注 Note
YLL-GPA-4-II	5/32"	4	10	50	200	4:1	±1.5%	30	104	
YLL-GPA-6-II	1/4"	6.3	13.3	45	180	4:1	±1.5%	40	260	
YLL-GPA-8-II	5/16"	8	15.5	40	160	4:1	±1.5%	50	310	
YLL-GPA-10-II	3/8"	10	17.5	38	152	4:1	±1.5%	80	500	
YLL-GPA-13-II	1/2"	13	21.5	30	120	4:1	±1.5%	90	540	
YLL-GPA-16-II	5/8"	16	24.5	18	72	4:1	±1.5%	100	610	
YLL-GPA-19-II	3/4"	19	28.5	16	64	4:1	±1.5%	130	770	
YLL-GPA-25-II	1"	25.4	36.5	12	48	4:1	±1.5%	150	920	

测试软管系列
润滑脂软管
热塑性液压软管
铁氟龙编织软管
超高压软管
特超高压软管
测试接头
测试软管接头

测压软管系列
润滑脂软管
热塑性液压软管
铁氟龙编织软管
超高压软管
特超高压软管
测压接头
测压软管接头



四氟管- R14

PTFE Hose-R14

(一) 简介 Introduction

根据SAE J517-100 R14制造，铁氟龙（PTFE）软管又称四氟软管，采用聚四氟乙烯挤出工艺，是一款高性能特种流体输送软管。不锈钢304/316 编织，增强软管硬度，承压能力，适配高温、强腐蚀、高洁净等严苛工况。可根据客户设备工况按需加工成型，适配多种设备管路安装需求。

Manufactured to SAE J517-100 R14. Teflon (PTFE) hose, extruded PTFE liner for high-performance special fluid transfer. 304/316 stainless steel braid reinforcement enhances stiffness and pressure resistance. Suitable for high-temperature, heavy-corrosion and high-purity harsh service. Custom forming available for diverse equipment piping layouts.

软管内层材质: Core material

聚四氟乙烯
PTFE

增强层材质: Reinforcement material

不锈钢专用钢丝
Special steel wire for stainless steel

适用温度: Temperature range

-60°C~+260°C

产品特性: Product Features

耐腐蚀、耐高温
Corrosion-resistant,high-temperature

适用介质: Applicable medium

可用于食品加工、化工、极高低温流体、气体等方面。
Applicable for food processing, chemical, extreme high-low temperature fluids and gases



(二) 技术参数 Technical Specifications

订货型号 Model number	英寸/INCH	内径 (ID) (MM)	外径 (OD) (MM)	额定工作压力 Working Pressure (MPa)	最小爆破压力 Burst Pressure (MPa)	安全系数 (Safety factor)	工作压力下延伸率 Change in length at Working Pressure	最小弯曲半径 Bend Radius (MM)	软管参考重量 Weight of hose (g/m)	备注 Note
YLL-TF-DN03	1/8"	3.5	6.5	23.5	95	4:1	±1.5%	40	68	
YLL-TF-DN05	3/16"	5.0	8	22	88	4:1	±1.5%	50	90	
YLL-TF-DN06	1/4"	6.3	9.2	21.5	86	4:1	±1.5%	75	125	
YLL-TF-DN08	5/16"	8.0	11	17.5	70	4:1	±1.5%	100	170	
YLL-TF-DN10	3/8"	10.0	12.8	16.5	66	4:1	±1.5%	125	180	
YLL-TF-DN13	1/2"	13.0	16	12	48	4:1	±1.5%	165	240	
YLL-TF-DN16	5/8"	16.0	19.2	8.8	35.2	4:1	±1.5%	200	320	
YLL-TF-DN19	3/4"	19.5	22.7	7.5	30	4:1	±1.5%	230	400	
YLL-TF-DN25	1"	25.4	30	7.7	31	4:1	±1.5%	300	530	

制冷毛细软管

Capillary Refrigeration Hose



(一) 简介 Introduction

制冷机组连接压力软管，耐压可达 30MPa，适配 R22、R410A 等多种制冷剂。软管具有耐震、承压高、弯曲半径小，安装便捷灵活，有效消除系统焊点断裂隐患。软管颜色支持定制，便于区分管路功能，现场识别管理更明确。

Pressure hoses for refrigeration unit connections, with a working pressure up to 30MPa and compatible with various refrigerants such as R22 and R410A. Featuring vibration resistance, high pressure tolerance and small bending radius, the hoses enable easy and flexible installation and effectively eliminate the risk of system weld joint fracture. Custom hose colors are available to distinguish pipeline functions for clearer on-site identification and management.

内层材质: Inner material

聚酰胺
Polyamide (PA)

增强层材质: Reinforcement material

涤纶纤维
Fiber

软管外层材质: Cover material

聚酰胺 (PA) /聚氨酯 (PU) ,可针刺
Polyamide (PA)/Polyurethane (PU),pin-prickable

适用温度: Temperature range

-40°C~+130°C

适用介质: Applicable medium

制冷剂、冷冻油、矿物油、水、酒精、汽油、乳化液、气体等介质
Refrigerant, refrigeration oil, mineral oil, water alcohol, gasoline, emulsion, gas and other media



(二) 技术参数 Technical Specifications

订货型号 Model number	英寸/INCH	内径 (ID) (MM)	外径 (OD) (MM)	额定工作压力 Working Pressure (MPa)	最小爆破压力 Burst Pressure (MPa)	安全系数 (Safety factor)	工作压力下延伸率 Change in length at Working Pressure	最小弯曲半径 Bend Radius (MM)	软管参考重量 Weight of hose (g/m)	备注 Note
YLL-300-DN2.6	3/32"	2.6	5.8	20	80	4:1	±1.5%	30	26	
YLL-500-DN2.6	3/32"	2.6	5.8	20	80	4:1	±1.5%	35	22	
YLL-800-DN2.6	3/32"	2.6	5.8	20	80	4:1	±1.5%	35	22	
YLL-300-DN5	3/16"	5	10	17	70	4:1	±1.5%	45	65	
YLL-500-DN5	3/16"	5	10	17	70	4:1	±1.5%	50	60	
YLL-800-DN5	3/16"	5	10	17	70	4:1	±1.5%	50	60	

测压软管系列
润滑脂软管
热塑性液压软管
铁氟龙编织软管
超高压软管
特超高压软管
测压接头
测压软管接头

测压软管系列
润滑脂软管
热塑性液压软管
铁氟龙编织软管
超高压软管
特超高压软管
测压接头
测压软管接头



超高压软管

Ultra High Pressure Hose

软管内层材质: Core material

聚酰胺
Polyamide(PA)

增强层材质: Reinforcement material

2层钢丝缠绕 + 1层钢丝编织
2 layers of steel wire spiral winding + 1 layer of steel wire braid

软管外层材质: Cover material

聚氨酯耐磨层
Polyurethane(TPU)

应用: Applications

压力测试设备、液压工具 (液压千斤顶等)
Pressure Test Equipment, Hydraulic Tools



技术参数 Technical Specifications

订货型号 Model number	英寸/INCH	内径 (ID) (MM)	外径 (OD) (MM)	额定工作压力 Working Pressure (MPa)	最小爆破压力 Burst Pressure (MPa)	安全系数 (Safety factor)	工作压力下延伸率 Change in length at Working Pressure	最小弯曲半径 Bend Radius (MM)	软管参考重量 Weight of hose (g/m)	备注 Note
YLL-6-2SP	1/4"	6	13.2	110	275	2.5:1	±1.5%	70	230	
YLL-8-2SP	5/16"	8	14.5	100	250	2.5:1	±1.5%	90	310	
YLL-10-2SP	3/8"	10	18	80	200	2.5:1	±1.5%	120	430	
YLL-12-2SP	1/2"	12	21	70	175	2.5:1	±1.5%	150	600	

软管内层材质: Core material

聚酰胺
Polyamide(PA)

增强层材质: Reinforcement material

4层钢丝缠绕 + 1层钢丝编织
4 layers of steel wire spiral + 1 layer of steel wire braid

软管外层材质: Cover material

聚氨酯耐磨层
Polyurethane(TPU)

应用: Applications

螺栓拉伸器、压力测试设备、液压工具
Bolt Tensioners, Pressure Test Equipment, Hydraulic Tools



订货型号 Model number	英寸/INCH	内径 (ID) (MM)	外径 (OD) (MM)	额定工作压力 Working Pressure (MPa)	最小爆破压力 Burst Pressure (MPa)	安全系数 (Safety factor)	工作压力下延伸率 Change in length at Working Pressure	最小弯曲半径 Bend Radius (MM)	软管参考重量 Weight of hose (g/m)	备注 Note
YLL-6-4SP	1/4"	6	15	160	400	2.5:1	±1.5%	80	400	
YLL-8-4SP	5/16"	8	17	150	375	2.5:1	±1.5%	90	550	
YLL-10-4SP	3/8"	10	20	140	350	2.5:1	±1.5%	100	890	
YLL-12-4SP	1/2"	12	24	130	325	2.5:1	±1.5%	110	1200	

超高压软管

Ultra High Pressure Hose



软管内层材质: Core material

聚甲醛
Polyoxymethylene(POM)

增强层材质: Reinforcement material

2层钢丝缠绕
2 layers of steel wire spiral winding

软管外层材质: Cover material

聚酰胺
Polyamide (PA)

应用: Applications

换热器管清洗、超高压水射流切割和水力拆除
Heat Exchanger Tube Cleaning | UHP Water Jet Cutting | Hydraulic Demolition



技术参数 Technical Specifications

订货型号 Model number	英寸/INCH	内径 (ID) (MM)	外径 (OD) (MM)	额定工作压力 Working Pressure (MPa)	最小爆破压力 Burst Pressure (MPa)	安全系数 (Safety factor)	工作压力下延伸率 Change in length at Working Pressure	最小弯曲半径 Bend Radius (MM)	软管参考重量 Weight of hose (g/m)	备注 Note
YLL-3D	1/8"	3.2	7	100	250	2.5:1	±1.5%	60	70	
YLL-4D	5/32"	4	8.2	110	275	2.5:1	±1.5%	75	110	
YLL-5D	3/16"	5	10	100	250	2.5:1	±1.5%	95	130	
YLL-6D	1/4"	6.3	11.8	100	250	2.5:1	±1.5%	110	210	
YLL-8D	5/16"	8	13.5	90	225	2.5:1	±1.5%	120	260	

软管内层材质: Core material

DN3-8: 聚甲醛; DN10-25: 聚酰胺
DN3-8 Polyoxymethylene
DN10-25 Polyamide(PA)

增强层材质: Reinforcement material

4层钢丝缠绕
4 layers of steel wire spiral

软管外层材质: Cover material

聚酰胺
Polyamide(PA)

应用: Applications

换热器管清洗、超高压水射流切割和水力拆除
Heat Exchanger Tube Cleaning | UHP Water Jet Cutting | Hydraulic Demolition



订货型号 Model number	英寸/INCH	内径 (ID) (MM)	外径 (OD) (MM)	额定工作压力 Working Pressure (MPa)	最小爆破压力 Burst Pressure (MPa)	安全系数 (Safety factor)	工作压力下延伸率 Change in length at Working Pressure	最小弯曲半径 Bend Radius (MM)	软管参考重量 Weight of hose (g/m)	备注 Note
YLL-3/4S	1/8"	3	8.2	200	500	2.5:1	±1.5%	110	140	
YLL-4/4S	5/32"	4	10.5	200	500	2.5:1	±1.5%	130	240	
YLL-5/4S	3/16"	5	11.5	180	450	2.5:1	±1.5%	150	270	
YLL-6-4S	1/4"	6	12.6	150	375	2.5:1	±1.5%	180	330	
YLL-8/4S	5/16"	8	15	140	350	2.5:1	±1.5%	200	440	
YLL-10/4S	3/8"	10	19	130	325	2.5:1	±1.5%	200	710	
YLL-12/4S	1/2"	12	22	120	300	2.5:1	±1.5%	220	900	
YLL-19/4S	3/4"	19	29	100	250	2.5:1	±1.5%	260	1350	
YLL-25/4S	1"	25	37	90	225	2.5:1	±1.5%	300	1900	

测试软管系列
润滑脂软管
热塑性液压软管
铁氟龙编织软管
超高压软管
特超高压软管
测试接头
测试软管接头



特超高压软管

Extra Ultra-high Pressure Hose

软管内层材质: Core material

DN3-8: 聚甲醛; DN10-25: 聚酰胺
DN3-8 Polyoxymethylene DN10-25 Polyamide(PA)

增强层材质: Reinforcement material

6层钢丝缠绕
6 layers of steel wire spiral

软管外层材质: Cover material

聚酰胺
Polyamide(PA)

应用: Applications

超高压水射流、液压工具、石油天然气
Ultra-high pressure water jet, hydraulic tools, oil & gas



技术参数 Technical Specifications

订货型号 Model number	英寸/INCH	内径 (ID) (MM)	外径 (OD) (MM)	额定工作压力 Working Pressure (MPa)	最小爆破压力 Burst Pressure (MPa)	安全系数 (Safety factor)	工作压力下延伸率 Change in length at Working Pressure	最小弯曲半径 Bend Radius (MM)	软管参考重量 Weight of hose (g/m)	备注 Note
4/6S	5/32"	4	12	280	700	2.5:1	±1.5%	150	400	
5/6S	3/16"	5	13.5	280	700	2.5:1	±1.5%	220	500	
6/6S	1/4"	6	15.5	250	625	2.5:1	±1.5%	220	700	
8/6S	5/16"	8	17.5	250	625	2.5:1	±1.5%	220	850	
12/6S	1/2"	12	27	200	500	2.5:1	±1.5%	320	900	

软管内层材质: Core material

DN3-8: 聚甲醛; DN10-25: 聚酰胺
DN3-8 Polyoxymethylene DN10-25 Polyamide(PA)

增强层材质: Reinforcement material

8层钢丝缠绕
8 layers of steel wire spiral

软管外层材质: Cover material

聚酰胺
Polyamide(PA)

应用: Applications

超高压水射流、液压工具、石油天然气
Ultra-high pressure water jet, hydraulic tools, oil & gas



技术参数 Technical Specifications

订货型号 Model number	英寸/INCH	内径 (ID) (MM)	外径 (OD) (MM)	额定工作压力 Working Pressure (MPa)	最小爆破压力 Burst Pressure (MPa)	安全系数 (Safety factor)	工作压力下延伸率 Change in length at Working Pressure	最小弯曲半径 Bend Radius (MM)	软管参考重量 Weight of hose (g/m)	备注 Note
6/8S	1/4"	6	20	300	750	2.5:1	±1.5%	250	700	
8/8S	5/6"	8	23	300	750	2.5:1	±1.5%	300	1500	
10/8S	3/8"	9.7	25	260	650	2.5:1	±1.5%	350	2000	

下水道疏通专用管

Sewer dredging special Hose



优立莱橡塑

(一) 简介 Introduction

下水道疏通专用管采用高性能热塑性材料与高强度纤维增强结构, 广泛应用于紧凑型下水道清洗设备及侧向排污管道清洁设备。软管具备优异的抗切割、耐磨损性能, 支持单根超长定尺, 且耐微生物降解, 产品具有承压高、弯曲半径小等特点, 适用于较小尺寸的下水道管道清洗疏通作业。

The special hose for sewer dredging adopts high-performance thermoplastic material and high-strength fiber-reinforced structure. It is widely used in compact sewer cleaning equipment and lateral sewage pipeline cleaning equipment. The hose features excellent cut resistance and wear resistance. It supports custom extra-long single lengths and is resistant to microbial degradation. With high pressure resistance and small bending radius, it is suitable for cleaning and dredging of small-sized sewer pipelines.

软管内层材质: Core material

热塑性聚酯材质
Thermoplastic polyester material

增强层材质: Reinforcement material

1或2层抗压合成纤维
1 or 2 layers of pressure-resistant synthetic fiber

软管外层材质: Cover material

聚氨酯耐磨层
Polyurethane(TPU)

应用: Applications

下水道疏通、喷射清洗、车辆和机械的清洗和保养
Sewer dredging, jet cleaning, cleaning and maintenance of vehicles and machinery



(二) 技术参数 Technical Specifications

订货型号 Model number	英寸/INCH	内径 (ID) (MM)	外径 (OD) (MM)	额定工作压力 Working Pressure (MPa)	最小爆破压力 Burst Pressure (MPa)	安全系数 (Safety factor)	工作压力下延伸率 Change in length at Working Pressure	最小弯曲半径 Bend Radius (MM)	软管参考重量 Weight of hose (g/m)	备注 Note
YLL-ST-DN5	3/16"	5.0	11	28	84	3:1	±1.5%	26	83	
YLL-ST-DN6	1/4"	6.3	12.5	28	84	3:1	±1.5%	30	105	
YLL-ST-DN10	3/8"	10.0	17.5	21	52.5	2.5:1	±1.5%	70	168	
YLL-ST-DN13	1/2"	13.0	22.5	20	50	2.5:1	±1.5%	80	290	
YLL-ST-DN16	5/8"	16.4	25.0	20	50	2.5:1	±1.5%	90	350	
YLL-ST-DN19	3/4"	19.5	30.0	20	50	2.5:1	±1.5%	100	480	
YLL-ST-DN25	1"	25.2	38.5	20	50	2.5:1	±1.5%	150	714	
YLL-ST-DN32	1+1/4"	32.5	48.0	20	50	2.5:1	±1.5%	200	1010	

测压软管系列
润滑脂软管
热塑性液压软管
铁氟龙编织软管
超高压软管
特超高压软管
测压接头
测压软管接头



测压接头

Test Coupling

产品用途:Application:

用于检测和监测系统压力、排气、高压和低压系统中取样。
IKIN test couplings are applied for the monitoring and control of pressure as well as the ventilation

工作介质:Media

适用于液压油及其他矿物油基的油类;
用于气态或其它流体介质时, 请在订货前与工厂确认, 并在订单上注明;
Suitable for hydraulic oils and other Mineral oil based fluids;
Nhen used with gas or other fluid medium, please confirm with the factory before ordering and indicate on the order.

如何订购

示例:PT-2-W1 (默认碳钢镀白锌)

螺纹连接: 连接尺寸 M10x1

密封材料:

- 默认材料: 丁腈橡胶(NBR) N
- 可选: 氟橡胶(FKM) F
- 三元乙丙橡胶(EPDM) E

密封形式: 密封类型 C

材料:

- 默认材料: 碳钢镀锌 W1
- 碳钢 镀锌镍 W2
- 可选: 不锈钢(1.4301/AISI304) W3
- 不锈钢(1.4401/AISI316) W4

How to Order

Example: PT-2-W1 (Default: galvanized carbon steel)

Product Model:

Thread Connection: Connection Size M10x1

Sealing Material:

- Idefault Material: NBR (Buna-NR) est Coupling N
- Optional: FKM (VitonR) F
- EPDM E

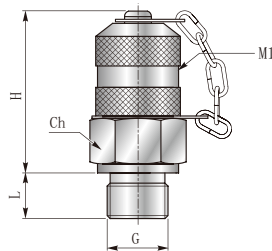
Sealing Form: Sealing Type C

Material:

- Default Material: Carbon Steel, Zinc Plated W1
- Carbon Steel, Zinc-Nickel Plated W2
- Optional: Stainless Steel (1.4301/AISI 304) W3
- Stainless Steel (1.4401/AISI 316) W4

M16×1.5/M12.65×1.5/M14×1.5螺纹测压接头

Threaded test couplings M16 x 1.5/M12.65 x 1.5/M14 x 1.5



M1	G	H	L	Ch	Pn(bar)	订货代码/Ref.
M12.65X1.5	G1/4"×19	37	8.5	17	630	PT-0
M12X1.25	M10X1	37	8.5	17	630	PT-1
M14X1.5	M12X1.5	37	8.5	17	630	PT-8
M16X1.5	M10X1	37	8.5	19	630	PT-9
M16X1.5	M12X1.5	37	8.5	19	630	PT-10
M16X1.5	M14X1.5	37	8.5	19	630	PT-11
M16X1.5	M18X1.5	37	8.5	22	630	PT-12
M16X1.5	G1/4"×19	37	8.5	19	630	PT-13

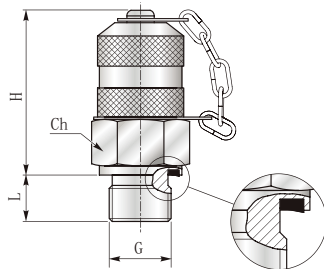
测压接头

Test Coupling



M16x2螺纹连接测压接头(标准测压接头)

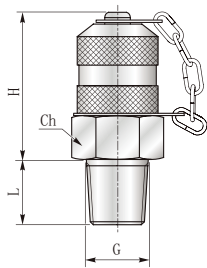
Threaded test couplings M16 x 2



G	H	L	Ch	PN(bar)	密封形式 Sealing	订货代码/Ref.
M8×1	38	8	17	630	type C	PT-14
M10×1	38	8	17	630		PT-2
M10×1.25	38	8	17	630		PT-15
M12×1.5	38	12	19	630		PT-5
M14×1.5	39	12	19	630		PT-3
M16×1.5	39	12	22	630		PT-16
G1/8"×28	37	8	17	630		PT-17
G1/4"×19	38	12	19	630		PT-7
G3/8"×19	40	12	22	630		PT-18
G1/2"×14	40.5	15	27	630		PT-19
M18×1.5	39	12	24	630		PT-20
M20×1.5	42	15	27	630		PT-21
M22×1.5	41	15	27	630		PT-22

外锥螺纹活动式测压接

Female swivel check-coupling



G	H	L	Ch	PN(bar)	密封形式 Sealing	订货代码/Ref.
R1/8"×28	37	10.5	17	630	type D	PT-23
R1/4"×19	37	11.5	19	630		PT-24
R3/8"×19	37	15	22	630		PT-25
R1/2×14	37	15	24	630		PT-26
1/8"-27NPT	37	10.5	17	630		PT-27
1/4"-18NPT	37	11.5	19	630		PT-28
3/8"-18NPT	37	16	22	630		PT-29
1/2"-14NPT	37	15	24	630		PT-30

测压软管系列
润滑脂软管
热塑性液压软管
制冷软管
超高压软管
下水道疏通专用管
测压接头
测压软管接头

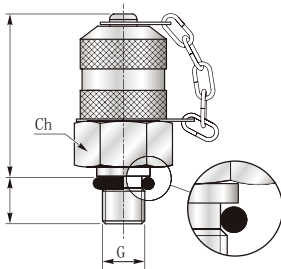
测压软管系列
润滑脂软管
热塑性液压软管
铁氟龙编织软管
超高压软管
特超高压软管
测压接头
测压软管接头



测压接头

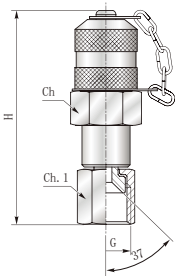
Test Coupling

M16x2螺纹连接测压接头(标准测压接头)
Threaded test couplings M16 x 2



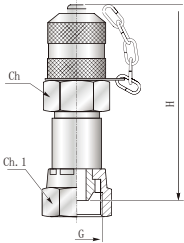
	H	L	Ch	PN(bar)	密封形式 Sealing	订货代码/Ref.
5/16"-24UNF	37	8.5	17	630	O-Ring type E	PT-31
7/16"-20UNF	37	9.5	19	630		PT-32
1/2"-20UNF	37	9	19	630		PT-33
9/16"-18UNF	37	12	24	630		PT-34
3/4"-16UNF	37	14	17	630		PT-35

JIC 37°内锥面活动式测压接头
Female swivel test coupling-JIC37°



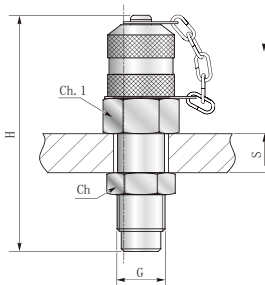
G	H	Ch	Ch1	PN(bar)	订货代码/Ref.
7/16"-20UNF	54	17	17	630	PT-36
1/2"-20UNF	56	17	17	400	PT-37
9/16"-18UNF	61	19	19	315	PT-38
3/4"-16UNF	65	22	22	315	PT-39

60°外锥面活动式测压接头
Check coupling female swivel 60°



G	H	Ch	Ch1	PN(bar)	订货代码/Ref.
G1/4"×19	53	19	19	630	PT-40

隔板式测压接头
Bulkhead test coupling



D	H	Ch1	Ch	PN(bar)	订货代码/Ref.
M16×2	86	19	19	630	PT-41

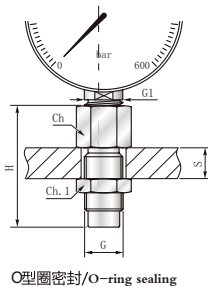
测压接头

Test Coupling



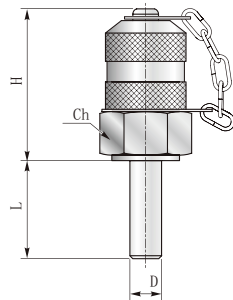
优立莱橡塑

隔板式压力表连接
Bulkhead pressure gauge connectio



G	G1	H	Ch	PN(bar)	订货代码/Ref.
M16×2	G1/4"	51	19	630	PT-42
M16×2	G1/2"	53	24	630	PT-43
M16×2	NPT1/4"	52	19	630	PT-44
M16×2	M14×1.5	51	19	630	PT-45
M16×2	M20×1.5	53	24	630	PT-46

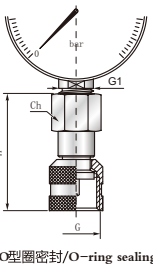
硬管式测压接头(和卡套接头连接)
Threaded test couplings



管材外径/Outside tube diameter

D	H	L	Ch	PN(bar)		订货代码/Ref.
				轻系列	重系列	
6	36	20	19	315	630	PT-47
8	37	20	19	315	630	PT-48
10	37	20	19	315	630	PT-49
12	37	20	19	315	630	PT-50

压力表转换接头
Pressure gauge adapters



O型圈密封/O-ring sealing

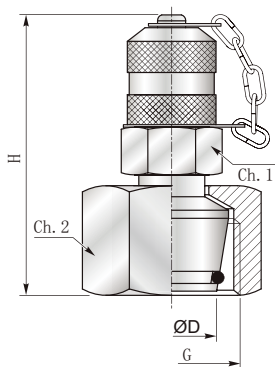
G	G1	H	Ch	PN(bar)	订货代码/Ref.
M16×2	G1/4"	47	19	630	H2-P3
M16×2	NPT1/4"	50	19	630	H2-P12
M16×2	M14×1.5	47	19	630	H2-P1
M16×2	G1/2"	54	27	630	H2-P5
M16×2	M20×1.5	54	24	630	H2-P2



测压接头

Test Coupling

DKO型24°锥O形圈密封测压接头
Test coupling with 24 ° O-Ring sealing cone DKO type



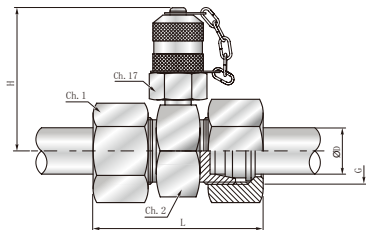
系列/Series	D	G	H	Ch1	Ch2	PN(bar)	订货代码/Ref.
L 轻系列	6	M12×1.5	52	17	17	315	DKO-M12×1.5-6L
	8	M14×1.5	50	19	17	315	DKO-M14×1.5-8L
	10	M16×1.5	51	19	19	315	DKO-M16×1.5-10L
	12	M18×1.5	53	19	22	315	DKO-M18×1.5-12L
	15	M22×1.5	54	27	27	315	DKO-M22×1.5-15L
	18	M26×1.5	56	32	32	315	DKO-M26×1.5-18L
	22	M30×2	59	36	36	160	DKO-M30×2-22L
	28	M36×2	66	17	41	160	DKO-M36×2-28L
	35	M45×2	67	50	50	160	DKO-M45×2-35L
	42	M52×2	80	19	60	160	DKO-M52×2-42L
S 重系列	6	M14×1.5	50	19	17	630	DKO-M14×1.5-6S
	8	M16×1.5	51	19	19	630	DKO-M16×1.5-8S
	10	M18×1.5	53	19	22	630	DKO-M18×1.5-10S
	12	M20×1.5	52.5	24	24	630	DKO-M20×1.5-12S
	14	M22×1.5	54	27	27	630	DKO-M22×1.5-14S
	16	M24×1.5	56.5	30	24	630	DKO-M24×1.5-16S
	20	M30×2	60	36	36	400	DKO-M30×2-20S
	25	M36×2	66	17	41	400	DKO-M36×2-25S
	30	M42×2	66	50	50	400	DKO-M42×2-30S
	38	M52×2	80	19	60	400	DKO-M52×2-38S



测压接头

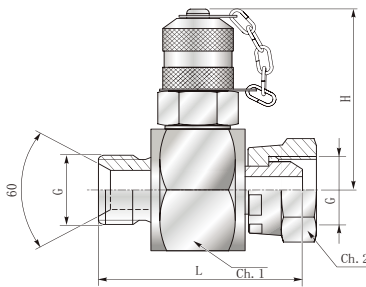
Test Coupling

直接接硬管测压接头（卡套式三通）
Test coupling with 24 ° O-Ring sealing cone DKO type



系列/Series	D	G	H	L	Ch1	Ch2	Smax	PN(bar)	订货代码/Ref.
L 轻系列	6	M12X1.5	49	51	51	17	24	315	ST-DKO-M12×1.5-6L
	8	M14×1.5	49	51	51	17	24	315	ST-DKO-M14×1.5-8L
	10	M16×1.5	49	53	53	19	24	315	ST-DKO-M16×1.5-10L
	12	M18×1.5	49	53	53	22	24	315	ST-DKO-M18×1.5-12L
	15	M22×1.5	50.5	55	55	27	27	315	ST-DKO-M22×1.5-15L
	18	M26×1.5	53	57	57	32	32	315	ST-DKO-M26×1.5-18L
	22	M30×2	53	61	61	36	32	160	ST-DKO-M30×2-22L
	28	M36×2	57.5	61	61	41	41	160	ST-DKO-M36×2-28L
	35	M45×2	60	69	69	50	46	160	ST-DKO-M45×2-35L
	42	M52×2	64.5	71	71	60	55	160	ST-DKO-M52×2-42L
S 重系列	6	M14×1.5	49	55	55	17	24	630	ST-DKO-M14×1.5-6S
	8	M16×1.5	49	55	55	19	24	630	ST-DKO-M16×1.5-8S
	10	M18×1.5	49	57	57	22	24	630	ST-DKO-M18×1.5-10S
	12	M20×1.5	49	57	57	24	24	630	ST-DKO-M20×1.5-12S
	14	M22×1.5	49	63	63	27	24	630	ST-DKO-M22×1.5-14S
	16	M24×1.5	52	63	63	30	27	400	ST-DKO-M24×1.5-16S
	20	M30×2	53	69	69	36	32	400	ST-DKO-M30×2-20S
	25	M36×2	57.5	75	75	46	41	400	ST-DKO-M36×2-25S
	30	M42×2	60	81	81	50	46	400	ST-DKO-M42×2-30S
	38	M52×2	64.5	89	89	60	55	315	ST-DKO-M52×2-38S

活动60°锥内外螺纹转接测压接头
Check coupling male-female swivel 60°



G	H	L	Ch1	Ch2	PN(bar)	订货代码/Ref.
G1/4"	55	45	22	19	400	ST-M-F-G1/4
G3/8"	55	47	24	22	400	ST-M-F-G3/8
G1/2"	55	55.7	27	27	400	ST-M-F-G1/2
G3/4"	55	64	30	32	400	ST-M-F-G3/4
G1"	60	77	41	41	315	ST-M-F-G1"