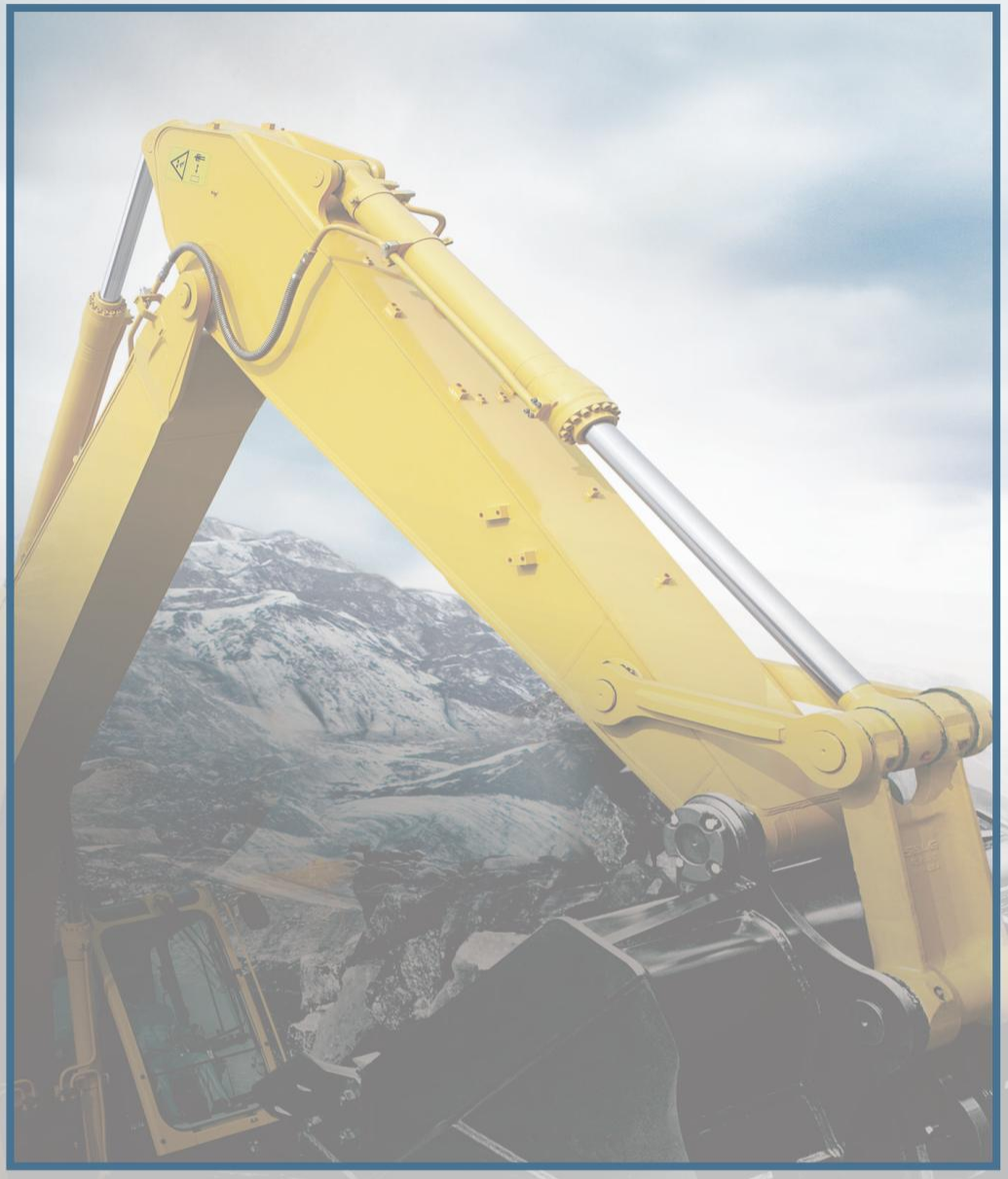
HUVLONE
汇龙液压

MANUFACTURER
EXPORTER

HENAN HUVLONE HYDRAULIC TECHNOLOGY CO.,LTD.



Service Tel:400-100-6819



SPECIALIZED IN MANUFACTURING STEEL WIRE BRAIDED AND SPIRAL RUBBER HYDRAULIC HOSE

专业生产销售钢丝编织/缠绕液压橡胶软管

企业简介
Factory Profile

HUVLONE 汇龙液压

河南汇龙液压科技股份有限公司始建于2003年5月，是一家专业从事液压流体系统研发、生产、销售于一体的高新技术企业，河南省专精特新中小企业、漯河市市长质量奖获得单位。2016年9月公司正式在全国中小企业股份转让系统（新三板）挂牌，股票简称：汇龙液压，股票代码：839266。

公司目前拥有汇龙·威龙（WELONE）、汇龙·阿尔特（AESTR）等多个系列产品，其中AESTR商标被评为河南省著名商标，目前公司生产的系列产品有钢丝缠绕液压软管、钢丝编织液压软管、纤维增强软管、软管总成、软管接头、软管扣压设备。公司的产品经权威机构认证具有柔软性强、脉冲性能好、承压变形小、定长度、使用和维修方便等特点，被广泛用于工程机械、交通运输、工业智能、环境控制、航空航天、能源化工等行业。

公司不断跟踪国内外高端领域市场需求，与多家知名科研院所进行“产学研”合作，致力于液压流体传动系统的新技术、新产品研究开发。公司目前拥有橡胶钢丝增强液压软管工程技术研发中心一座，现科研人员40人，目前研发的项目曾多次获得省级科技成果，发明专利和实用新型专利，并多次参与国家标准的制定。

公司坚持以优质的产品，完善的服务满足客户的需求，现拥有国外进口钢丝缠绕生产线、钢丝编织生产线、意大利比尔玛脉冲试验台等国内外先进的生产及测试设备110余套。

公司一贯奉行“为客户创造价值，为员工创造机会，为社会做出贡献”的企业经营理念，现已实现了产品从单一到多元化的协调发展，形成了以高端液压软管研发为核心，以市场为导向，并拥有快速高效的管理团队和完善的售后服务。

“汇萃精工，龙御管行”，汇龙人始终坚持以品质为本、精益求精、科技创新、客户至上为宗旨，借助IATF16949管理工具，实现精细化管理，致力于为客户提供卓越的产品和服务,为社会创造更多的财富价值。

我们执著，专注高端液压软管研发制造领域。

我们专业，打造国际一流品质，以卓越谱写尊严。

我们诚信，以优质的产品和服务为汇龙液压代言。

我们创新，让高端液压软管开拓汇龙液压的创世辉煌。

Henan Huvlone Hydraulic Technology Co., Ltd. was founded in May 2003. As the high-tech enterprise-HUVLONE-focusing on Engineering Rubber R&D, Production and Sales and also being honored with Henan Province Specialization and Special New (small and medium-sized enterprise), Luohe City Mayor Quality Award, and other honorary titles. In Sep. 2016, HUVLONE was officially listed on the National Equities Exchange and Quotations (NEEQ), stock abbreviation: HUVLONE HYDRAULIC, stock code: 839266.

HUVLONE currently owns the registered trademarks such as HUVLONE·WELONE, HUVLONE·AESTR, etc. Especially, the AESTR trademark was honered as a famous trademark in Henan Province. Our main products: steel wire spiral hose, steel wire braided hose, fiber/textile reinforced hose, hose assembly, hose fittings, hose crimping equipments. The products test by the Authoritative Institutions have the features: good flexibility, good Impulse performance, small deformation under high pressure, fixed length, and easy use and maintenance. It is widely used in construction machinery, transportation, industrial intelligence, environmental control, aerospace, energy and chemical industries.

HUVLONE keep learning the advanced technology trends at home and abroad, and cooperates with some well-known scientific research institutes IUR (Industry-Univresity-Research), and is committed to the R&D of new technologies and new products with hydraulic fluid transmission system. Now, HUVLONE own one steel wire reinforced rubber hose R&D center, with 40 scientific researchers, and obtained numbers of provincial scientific research achievements, invention patents and utility model patents, and also participating in the formulation of National Standards.

HUVLONE insists on meeting the customer needs with good quality products and better services. Now, we own more than 110 sets advanced production and testing equipments such as imported steel wire spiral production lines, steel wire braided production lines, Italian Bimal Impulse Test units, etc.

HUVLONE management philosophy: creating value for the customers, creating opportunities for the employees, and contributing to the society, and has gradually realized the products development from simplification to the diversification, being cored on the high-end hydraulic hose R&D, Market-oriented, modern enterprise structure with fast and efficient management team and good after-sales service.

HUVLONE's purpose: quality-oriented, excellence, technology innovation, and customer first, with the IATF16949 management tools, to achieve the refined management, and provide excellent products and service to the customers, and create more wealthy value for the society.

We are persistent, focusing on the high-end hydraulic hoses R&D and production.

We are professional, producing the world-class quality and writing dignity with excellence.

We are honest, providing high-quality products & services and speaking for ourself.

We are innovate, creating the new glory with high-end hydraulic hoses production.



HUVLONE
汇龙液压

CERTIFICATE



FACTORY

















HUVLONE 汇龙液压

通用胶管系列

GENERAL HOSE SERIES

AESTR® HL661-01	602一层钢丝编织橡胶软管 602 One steel wire braided rubber hydraulic hose	1
AESTR® HL661-02	602二层钢丝编织橡胶软管 602 Two steel wires braided rubber hydraulic hose	2
AESTR® HL661-03	602三层钢丝编织橡胶软管 602 Three steel wires braided rubber hydraulic hose	3
AESTR® HL662-01	大口径一层钢丝编织橡胶软管 Large diameter: One steel wire braided rubber hydraulic hose	4
AESTR® HL662-02	大口径二层钢丝编织橡胶软管 Large diameter: Two steel wires braided rubber hydraulic hose	4
AESTR® HL662-03	大口径三层钢丝编织橡胶软管 Large diameter: Three steel wires braided rubber hydraulic hose	4
AESTR® HL663-01	EN853 1SN/SAE 100R1AT一层钢丝编织橡胶软管 EN853 1SN/SAE 100R1AT: One steel wire braided rubber hydraulic hose	5
AESTR® HL663-02	EN853 2SN/SAE100R2AT二层钢丝编织橡胶软管 EN853 2SN/SAE 100R2AT: Two steel wires braided rubber hydraulic hose	6
AESTR® HL664-02	SAE J517 100R3纤维编织液压软管 SAE J517 100R3: Textile braided rubber hydraulic hose	7
AESTR® HL665-04	SAE J517 100R4钢丝嵌入式液压橡胶软管 SAE J517 100R4: Steel wire inserted rubber hydraulic hose	8
AESTR® HL666-01	SAE J517 100R5单层钢丝编织层、织物外覆层的液压软管 SAE J517 100R5: Single steel wire braied, textile covered rubber hydraulic hose	9
AESTR® HL667-01	SAE J517 100R6单层纤维编织橡胶液压软管 SAE J517 100R6: Single textile reinforced rubber hydraulic hose	10
AESTR® HL668-01	DIN EN857 1SC一层钢丝编织橡胶软管 DIN EN857 1SC: One steel wire braided rubber hydraulic hose	11
AESTR® HL668-02	DIN EN857 2SC二层钢丝编织橡胶软管 DIN EN857 2SC: Two steel wires braided rubber hydraulic hose	12
AESTR® HL669-02	SAE J517 100R16二层钢丝编织橡胶软管 SAE J517 100R16: Two steel wires braided rubber hydraulic hose	13
AESTR® HL670-01	SAE J517 100R17一层钢丝编织橡胶软管 SAE J517 100R17: One steel wires braided rubber hydraulic hose	14
AESTR® HL670-02	SAE J517 100R17二层钢丝编织橡胶软管 SAE J517 100R17: Two steel wires braided rubber hydraulic hose	14
AESTR® HL671-04	DIN EN856 4SP四层钢丝缠绕橡胶软管 DIN EN856 4SP: Four steel wires spiral rubber hydraulic hose	15
AESTR® HL672-04	DIN EN856 4SH四层钢丝缠绕橡胶软管 DIN EN856 4SH: Four steel wires spiral rubber hydraulic hose	16
AESTR® HL673-04	SAE J517 100R12四层钢丝缠绕橡胶软管 SAE J517 100R12: Four steel wires spiral rubber hydraulic hose	17
AESTR® HL674-04	SAE J517 100R13四层钢丝缠绕橡胶软管 SAE J517 100R13: Four steel wires spiral rubber hydraulic hose	18
AESTR® HL674-06	SAE J517 100R13六层钢丝缠绕橡胶软管 SAE J517 100R13: Six steel wires spiral rubber hydraulic hose	18

CATALOGUE

AESTR® HL675-04	SAE J517 100R15四层钢丝缠绕橡胶软管 SAE J517 100R15: Four steel wires spiral rubber hydraulic hose	19
AESTR® HL675-06	SAE J517 100R15六层钢丝缠绕橡胶软管 SAE J517 100R15: Six steel wires spiral rubber hydraulic hose	19
AESTR® HL676-01	紧密型一层钢丝编织先导管、压力回油管 Compact oil return rubber hydraulic hose with One steel wire reinforced (PILOT HOSE)	20
AESTR® HL677-01	SAE J517 100R7 纤维编织热塑性液压软管 SAE J517 100R7: Textile braided thermoplastic hose	21
AESTR® HL677-01	SAE J517 100R7 钢丝编织热塑性液压软管 SAE J517 100R7: Steel wire braided thermoplastic hose	22
AESTR® HL678-01	SAE J517 100R8 纤维编织热塑性液压软管 SAE J517 100R8: Textile braided thermoplastic hose	23
AESTR® HL678-01	SAE J517 100R8 钢丝编织热塑性液压软管 SAE J517 100R8: Steel wire braided thermoplastic hose	24

增强胶管系列

ENHANCED HOSE SERIES

WELONE® HL771-01	符合/超越EN853 1SN/SAE 100R1AT一层钢丝编织橡胶软管 Meet/Exceed EN853 1SN/SAE100R1AT: One steel wire braided rubber hydraulic hose	25
WELONE® HL771-02	符合/超越EN853 2SN/SAE100R2AT二层钢丝编织橡胶软管 Meet/Exceed EN853 2SN/SAE100R2AT: Two steel wires braided rubber hydraulic hose	26
WELONE® HL772-01	符合/超越DIN EN857 1SC一层钢丝编织橡胶软管 Meet/Exceed DIN EN857 1SC: One steel wire braided rubber hydraulic hose	27
WELONE® HL772-02	符合/超越DIN EN857 2SC二层钢丝编织橡胶软管 Meet/Exceed DIN EN857 2SC: Two steel wires braided rubber hydraulic hose	28
WELONE® HL773-02	符合/超越SAE J517 100R16二层钢丝编织橡胶软管 Meet/Exceed SAE J517 100R16: Two steel wires braided rubber hydraulic hose	29
WELONE® HL774-04	符合/超越DIN EN856 4SP四层钢丝缠绕橡胶软管 Meet/Exceed DIN EN856 4SP: Four steel wires spiral rubber hydraulic hose	30
WELONE® HL775-04	符合/超越DIN EN856 4SH四层钢丝缠绕橡胶软管 Meet/Exceed DIN EN856 4SH: Four steel wires spiral rubber hydraulic hose	31
WELONE® HL776-04	符合/超越SAE J517 100R12四层钢丝缠绕橡胶软管 Meet/Exceed SAE J517 100R12: Four steel wires spiral rubber hydraulic hose	32
WELONE® HL777-04	符合/超越SAE J517 100R15四层钢丝缠绕橡胶软管 Meet/Exceed SAE J517 100R15: Four steel wires spiral rubber hydraulic hose	33
WELONE® HL777-06	符合/超越SAE J517 100R15六层钢丝缠绕橡胶软管 Meet/Exceed SAE J517 100R15: Six steel wires spiral rubber hydraulic hose	33
WELONE® HL778-01	一层钢丝编织双联橡胶软管 TWIN HOSE: One steel wire braided rubber hydraulic hose	34
WELONE® HL778-02	二层钢丝编织双联橡胶软管 TWIN HOSE: Two steel wires braided rubber hydraulic hose	35

WELONE® HL779-01/02/04 符合/超越ISO18752 21MPa恒压橡胶软管 Meet&Exceed ISO18752–ISOBARIC HOSE 21MPA 36

WELONE® HL780-02/04 符合/超越ISO18752 28MPa恒压橡胶软管 Meet&Exceed ISO18752–ISOBARIC HOSE 28MPA 37

WELONE® HL781-02/04/06 符合/超越ISO18752 35MPa恒压橡胶软管 Meet&Exceed ISO18752–ISOBARIC HOSE 35MPA 38

WELONE® HL782-02/04/06 符合/超越ISO18752 42MPa恒压橡胶软管 Meet&Exceed ISO18752–ISOBARIC HOSE 42MPA 39

超级胶管系列
SUPER HOSE SERIES

WELONE® HL881-01 符合/超越DIN EN857 1SC一层钢丝编织橡胶软管 Meet/Exceed DIN EN857 1SC: One steel wire braided rubber hydraulic hose 40

WELONE® HL881-02 符合/超越DIN EN857 2SC二层钢丝编织橡胶软管 Meet/Exceed DIN EN857 2SC: Two steel wires braided rubber hydraulic hose 41

WELONE® HL882-04 符合/超越SAE J517 100R15四层钢丝缠绕橡胶软管 Meet/Exceed SAE J517 100R15: Four steel wires spiral rubber hydraulic hose 42

WELONE® HL882-06 符合/超越SAE J517 100R15六层钢丝缠绕橡胶软管 Meet/Exceed SAE J517 100R15: Six steel wires spiral rubber hydraulic hose 42

极限胶管系列
EXTREME HOSE SERIES

WELONE® HL981-01 符合/超越602 一层钢丝编织耐高低温橡胶软管 Meet/Exceed 602: One steel wire braided rubber hydraulic hose with high & Low temperature – resistance 43

WELONE® HL981-02 符合/超越602 二层钢丝编织耐高低温橡胶软管 Meet/Exceed 602: Two steel wires braided rubber hydraulic hose with high & Low temperature – resistance 44

WELONE® HL982-01 符合/超越602 一层钢丝编织耐磨/外覆UPE超级耐磨橡胶软管 Meet/Exceed 602: One steel wire braided super abrasion–resistance rubber hydraulic hose with UPE FILM covered 45

WELONE® HL982-02 符合/超越602 二层钢丝编织耐磨/外覆UPE超级耐磨橡胶软管 Meet/Exceed 602: Two steel wires braided super abrasion–resistance rubber hydraulic hose with UPE FILM covered 46

WELONE® HL983-01 符合/超越EN853 1SN/SAE 100R1AT一层钢丝编织耐高低温橡胶软管 Meet/Exceed EN853 1SN/SAE100R1AT: One steel wire braided rubber hydraulic hose with high & Low temperature – resistance 47

WELONE® HL983-02 符合/超越EN853 2SN/SAE100R2AT二层钢丝编织耐高低温橡胶软管 Meet/Exceed EN853 2SN/SAE100R2AT: Two steel wires braided rubber hydraulic hose with high & Low temperature – resistance 48

WELONE® HL984-01 符合/超越EN853 1SN/SAE100R1AT一层钢丝编织耐磨/外覆UPE超级耐磨橡胶软管 Meet/Exceed EN853 1SN/SAE100R1AT: One steel wire braided super abrasion–resistance rubber hydraulic hose with UPE FILM covered 49

CATALOGUE

WELONE® HL984-02	符合/超越EN853 2SN/SAE100R2AT二层钢丝编织耐磨/外覆UPE超级耐磨橡胶软管 Meet/Exceed EN853 2SN/SAE100R2AT: Two steel wires braided super abrasion-resistance rubber hydraulic hose with UPE FILM covered	50
WELONE® HL985-01	符合/超越SAE J517 100R5单层钢丝编织层、织物外覆层的耐高低温液压软管 Meet/Exceed SAE J517 100R5: Single steel wire braied, textile covered hydraulic hose with high & Low temperature – resistance	51
WELONE® HL986-01	符合/超越DIN EN857 1SC一层钢丝编织耐高低温橡胶软管 Meet/Exceed DIN En857 1SC: One steel wire braided rubber hydraulic hose with high & Low temperature – resistance	52
WELONE® HL986-02	符合/超越DIN EN857 2SC二层钢丝编织耐高低温橡胶软管 Meet/Exceed DIN En857 2SC: Two steel wires braided rubber hydraulic hose with high & Low temperature – resistance	53
WELONE® HL987-01	符合/超越DIN EN857 1SC一层钢丝编织耐磨/外覆UPE超级耐磨橡胶软管 Meet/Exceed DIN En857 1SC: One steel wire braided super abrasion-resistance rubber hydraulic hose with UPE FILM covered	54
WELONE® HL987-02	符合/超越DIN EN857 2SC二层钢丝编织耐磨/外覆UPE超级耐磨橡胶软管 Meet/Exceed DIN En857 2SC:Two steel wires braided super abrasion-resistance rubber hydraulic hose with UPE FILM covered	55
WELONE® HL988-04	符合/超越DIN EN856 4SP四层钢丝缠绕耐高低温橡胶软管 Meet/Exceed DIN EN856 4SP: Four steel wires spiral rubber hydraulic hose with high & Low temperature – resistance	56
WELONE® HL989-04	符合/超越DIN EN856 4SP四层钢丝缠绕耐磨/外覆UPE超级耐磨橡胶软管 Meet/Exceed DIN EN856 4SP: Four steel wires spiral super abrasion-resistance rubber hydraulic hose with UPE FILM covered	57
WELONE® HL990-04	符合/超越DIN EN856 4SH四层钢丝缠绕耐高低温橡胶软管 Meet/Exceed DIN EN856 4SH: Four steel wires spiral rubber hydraulic hose with high & Low temperature – resistance	58
WELONE® HL991-04	符合/超越DIN EN856 4SH四层钢丝缠绕耐磨/外覆UPE超级耐磨橡胶软管 Meet/Exceed DIN EN856 4SH: Four steel wires spiral super abrasion-resistance rubber hydraulic hose with UPE FILM covered	59
WELONE® HL992-04	符合/超越SAE J517 100R15四层钢丝缠绕耐高低温橡胶软管 Meet/Exceed SAEJ517 100R15: Four steel wires spiral rubber hydraulic hose with high & Low temperature – resistance	60
WELONE® HL992-06	符合/超越SAE J517 100R15六层钢丝缠绕耐高低温橡胶软管 Meet/Exceed SAEJ517 100R15: Six steel wires spiral rubber hydraulic hose with high & Low temperature – resistance	60
WELONE® HL993-04	符合/超越SAE J517 100R15四层钢丝缠绕耐磨/外覆UPE超级耐磨橡胶软管 Meet/Exceed SAE J517 100R15: Four steel wires spiral super abrasion-resistance rubber hydraulic hose with UPE FILM covered	61
WELONE® HL993-06	符合/超越SAE J517 100R15六层钢丝缠绕耐磨/外覆UPE超级耐磨橡胶软管 Meet/Exceed SAE J517 100R15: Six steel wires spiral super abrasion-resistance rubber hydraulic hose with UPE FILM covered	61
WELONE® HL994-01	多用途自锁免扣式软管 PUSH-LOCK multi-purpose industrial hose	62
WELONE® HL995-01	符合/超越 EN854 1TE 单层纤维编织橡胶软管 Meet/Exceed EN854 1TE: Single textile braided rubber hose	63
WELONE® HL995-02	符合/超越EN854 2TE 一层或二层纤维编织橡胶软管 Meet/Exceed EN854 2TE: One or two textiles braided rubber hose	64
WELONE® HL996-01	高压蒸汽橡胶软管(I型) High Pressure Steam Rubber Hose (Type I)	65
WELONE® HL996-01	高压蒸汽橡胶软管(II 型) High Pressure Steam Rubber Hose (Type II)	66

液压胶管产品命名规则
HYDRAULIC HOSE LAYLINE INFORMATION





AESTR® HL661-01

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径		MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Min	Max						
	inch	mm	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL661-01-04	1/4"	6.4	10.7	11.7	13.5	14.9	32.0	4640	80	11600	100	0.27
HL661-01-05	5/16"	7.9	13.0	14.2	15.8	17.2	28.0	4060	70	10150	115	0.34
HL661-01-06	3/8"	9.5	14.8	16.0	18.1	19.5	26.0	3770	65	9425	125	0.42
HL661-01-08	1/2"	12.7	18.6	19.8	21.6	23.0	22.0	3190	55	7975	180	0.53
HL661-01-10	5/8"	15.9	21.6	22.8	24.7	26.1	17.0	2465	43	6163	205	0.61
HL661-01-12	3/4"	19.0	24.6	25.8	27.8	29.2	14.4	2088	36	5220	240	0.72
HL661-01-14	7/8"	22.2	27.4	28.6	30.8	32.2	13.0	1885	33	4713	280	0.80
HL661-01-16	1"	25.4	30.6	31.8	33.7	35.1	11.0	1595	28	3988	300	0.88
HL661-01-20	1-1/4"	31.8	38.1	39.3	40.7	42.7	9.0	1305	23	3263	420	1.11
HL661-01-24	1-1/2"	38.1	45.3	46.5	47.9	49.9	5.6	812	14	2030	500	1.43
HL661-01-28	1-3/4"	44.5	52.0	53.2	54.8	56.8	5.0	725	13	1813	580	1.62
HL661-01-32	2"	50.8	58.0	59.2	61.2	63.2	5.0	725	13	1813	630	1.85

MAIN FEATURES 主要性能

602相应的工作压力·通过了多种性能测试

Corresponding working pressure same with 602, various performance tests passed

执行标准：602 一层钢丝编织橡胶软管

结　　构：软管由耐油合成橡胶内胶层、1层钢丝编织增强层、耐天候黑色合成橡胶外胶层组成。

1"（含1"）以下规格胶管外观为布纹面和光面，1" 以上规格为布纹面。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+100℃.（空气：+70℃.水：+85℃）

Standard 602: One steel wire braided rubber hydraulic hose

Construction: The hose consists of oil resistant synthetic rubber for inner tube, one layer of high tensile steel wire braided for reinforcement, and weather resistant synthetic black rubber for cover.

3/16" up to 1"(1" included)we could produce wrapped cover and smooth cover; Sizes above 1"(1" not included), we could only produce wrapped cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃ ~ +100℃(Air:+70℃, Water:+85℃).





AESTR® HL661-02

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径		MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Min	Max						
	inch	mm	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL661-02-04	1/4"	6.4	12.2	13.2	15.3	16.7	60.0	8700	150	21750	100	0.43
HL661-02-05	5/16"	7.9	14.5	15.7	17.3	18.6	48.0	6960	120	17400	115	0.49
HL661-02-06	3/8"	9.5	16.6	17.8	19.4	20.8	40.0	5800	100	14500	125	0.59
HL661-02-08	1/2"	12.7	20.3	21.7	23.1	24.5	36.0	5220	90	13050	180	0.76
HL661-02-10	5/8"	15.9	23.4	24.6	26.1	27.5	32.0	4640	80	11600	205	0.84
HL661-02-12	3/4"	19.0	26.4	27.6	29.4	30.8	25.0	3625	63	9063	240	1.00
HL661-02-14	7/8"	22.2	29.2	30.4	32.3	33.7	22.0	3190	55	7975	280	1.10
HL661-02-16	1"	25.4	32.4	33.6	35.3	36.7	21.0	3045	53	7613	300	1.23
HL661-02-20	1-1/4"	31.8	40.0	41.2	42.5	44.5	17.0	2465	43	6163	420	1.54
HL661-02-24	1-1/2"	38.1	47.2	48.4	49.6	51.6	14.0	2030	35	5075	500	1.94
HL661-02-28	1-3/4"	44.5	53.9	55.1	56.6	58.6	9.0	1305	23	3263	580	2.20
HL661-02-32	2"	50.8	59.9	61.0	63.0	65.0	8.0	1160	20	2900	630	2.48

MAIN FEATURES 主要性能

602相应的工作压力・通过了多种性能测试

Corresponding working pressure same with 602, various performance tests passed

执行标准：602 二层钢丝编织橡胶软管

结　　构：软管由耐油合成橡胶内胶层、2层钢丝编织增强层、耐天候黑色合成橡胶外胶层组成。

1"（含1"）以下规格胶管外观为布纹面和光面，1"以上规格为布纹面。

通过认证：MSHA IC-330/1认证、矿用产品安全标志认证、ISO9001、IATF16949等证书。

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+100℃.（空气：+70℃.水：+85℃）

Standard 602: Two steel wires braided rubber hydraulic hose

Construction: The hose consists of oil resistant synthetic rubber for inner tube, two layers of high tensile steel wire braided for reinforcement, and weather resistant synthetic black rubber for cover.

3/16" up to 1"(1" included)we could produce wrapped cover and smooth cover; Sizes above 1"(1" not included), we could only produce wrapped cover.

Certificate: MSHA IC-330/1, Safety Certificate Approval for Mining Products, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃ ~ +100℃(Air:+70℃, Water:+85℃).





AESTR® HL661-03

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径		MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Min	Max						
	inch	mm	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL661-03-04	1/4"	6.4	14.0	14.5	15.0	17.2	60.0	8700	150	21750	100	0.56
HL661-03-05	5/16"	7.9	16.1	16.7	17.3	19.6	50.0	7250	125	18125	115	0.72
HL661-03-06	3/8"	9.5	18.4	19.0	19.6	21.8	45.0	6525	113	16313	125	0.82
HL661-03-08	1/2"	12.7	22.2	22.8	23.4	25.6	40.0	5800	100	14500	180	1.04
HL661-03-10	5/8"	15.9	25.2	25.8	26.4	29.0	35.0	5075	88	12688	205	1.20
HL661-03-12	3/4"	19.0	28.2	28.8	29.4	32.4	28.0	4060	70	10150	240	1.38
HL661-03-14	7/8"	22.2	31.0	31.6	32.2	34.8	25.0	3625	63	9063	280	1.51
HL661-03-16	1"	25.4	34.2	34.8	35.4	38.0	24.0	3480	60	8700	300	1.66
HL661-03-20	1-1/4"	31.8	41.8	42.4	43.0	45.2	19.0	2755	48	6888	420	2.01
HL661-03-24	1-1/2"	38.1	49.1	49.7	50.3	52.4	15.0	2175	38	5438	500	2.49
HL661-03-28	1-3/4"	44.5	55.8	56.4	57.0	59.4	14.0	2030	35	5075	580	2.81
HL661-03-32	2"	50.8	61.8	62.4	63.0	65.8	12.0	1740	30	4350	630	3.20

MAIN FEATURES 主要性能

602相应的工作压力·通过了多种性能测试

Corresponding working pressure same with 602, various performance tests passed

执行标准：602 三层钢丝编织橡胶软管

结　　构：软管由耐油合成橡胶内胶层、3层钢丝编织增强层、耐天候黑色合成橡胶外胶层组成。

1"（含1"）以下规格胶管外观为布纹面和光面，1"以上规格为布纹面。

通过认证：MSHA IC-330/1认证、矿用产品安全标志认证、ISO9001、IATF16949等证书。

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+100℃.（空气：+70℃.水：+85℃）

Standard 602: Three steel wires braided rubber hydraulic hose

Construction: The hose consists of oil resistant synthetic rubber for inner tube, three layers of high tensile steel wire braided for reinforcement, and weather resistant synthetic black rubber for cover.

3/16" up to 1"(1" included)we could produce wrapped cover and smooth cover; Sizes above 1"(1" not included), we could only produce wrapped cover.

Certificate: MSHA IC-330/1, Safety Certificate Approval for Mining Products, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃ ~ +100℃(Air:+70℃, Water:+85℃).





AESTR® HL662-01

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径		MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Min	Max						
	inch	mm	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL662-01-40	2-1/2″	63.5	71.6	76.2	75.4	77.4	3.5	508	14	2030	760	2.49
HL662-01-48	3″	76.2	83.6	85.2	86.9	89.9	3.0	435	12	1740	930	2.93
HL662-01-56	3-1/2″	88.9	96.4	98.4	99.9	102.9	2.0	290	8	1160	1100	3.46
HL662-01-64	4″	101.6	110.4	112.4	113.4	117.4	1.5	218	6	870	1250	3.93
HL662-02-40	2-1/2″	63.5	73.4	75.0	77.2	79.2	8.0	1160	32	4640	840	3.31
HL662-02-48	3″	76.2	85.4	87.0	88.7	91.7	4.0	580	16	2320	950	3.91
HL662-02-56	3-1/2″	88.9	98.2	100.2	101.7	104.7	3.2	464	13	1856	1130	4.67
HL662-02-64	4″	101.6	112.6	114.6	115.6	119.6	2.6	377	10	1508	1280	5.29
HL662-03-40	2-1/2″	63.5	75.2	76.8	79.0	81.0	8.5	1233	34	4930	870	4.15
HL662-03-48	3″	76.2	87.2	88.8	90.5	93.5	5.0	725	20	2900	990	4.91
HL662-03-56	3-1/2″	88.9	100.0	102.0	103.5	106.5	4.0	580	16	2320	1170	5.89
HL662-03-64	4″	101.6	114.8	116.8	117.8	121.8	3.0	435	12	1740	1330	6.68

MAIN FEATURES 主要性能

大口径相应的工作压力・通过了多种性能测试

Corresponding working pressure same with Large diameter , various performance tests passed

执行标准：大口径一、二、三层钢丝编织橡胶软管

结　　构：软管由耐油合成橡胶内胶层、1层或2层或3层钢丝编织增强层、耐天候黑色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：尼龙包装膜缠绕包装。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+100℃.（空气：+70℃.水：+85℃）

Standard: Large diamter with one, Two, Three layers steel wires braided rubber hydraulic hose

Construction: The hose consists of oil resistant synthetic rubber for inner tube, one layer, two layers, three layers of high tensile steel wire braided for reinforcement, and weather resistant synthetic black rubber for cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Packed with NYLON stripes, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃～+100℃(Air:+70℃, Water:+85℃).





AESTR® HL663-01

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径	MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Max						
	inch	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL663-01-03	3/16″	4.8	9.0	10.0	12.5	25.0	3625	100	14500	90	0.20
HL663-01-04	1/4″	6.4	10.6	11.6	14.1	22.5	3263	90	13050	100	0.24
HL663-01-05	5/16″	7.9	12.1	13.3	15.7	21.5	3118	86	12470	115	0.27
HL663-01-06	3/8″	9.5	14.5	15.7	18.1	18.0	2610	72	10440	125	0.35
HL663-01-08	1/2″	12.7	17.5	19.1	21.5	16.0	2320	64	9280	180	0.45
HL663-01-10	5/8″	15.9	20.6	22.2	24.7	13.0	1885	52	7540	205	0.52
HL663-01-12	3/4″	19.0	24.6	26.2	28.6	10.5	1523	42	6090	240	0.67
HL663-01-16	1″	25.4	32.5	34.1	36.6	8.7	1262	35	5046	300	0.98
HL663-01-20	1-1/4″	31.8	39.3	41.7	44.8	6.2	899	25	3596	420	1.22
HL663-01-24	1-1/2″	38.1	45.6	48.0	52.1	5.0	725	20	2900	500	1.54
HL663-01-32	2″	50.8	58.7	61.7	65.9	4.0	580	16	2320	630	2.12

MAIN FEATURES 主要性能

EN/DIN相应的工作压力·通过了多种性能测试

Corresponding working pressure same with EN/DIN , various performance tests passed

执行标准：EN853 1SN、SAE 100R1AT

结　　构：软管由耐油合成橡胶内胶层、1层钢丝编织增强层、耐天候黑色合成橡胶外胶层组成。

1”（含1”）以下规格胶管外观为布纹面和光面，1”以上规格为布纹面。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+100℃.（空气：+70℃.水：+85℃）

Standard: EN853 1SN, SAE 100R1AT

Construction: The hose consists of oil resistant synthetic rubber for inner tube, one layer of high tensile steel wire braided for reinforcement, and weather resistant synthetic black rubber for cover.

3/16" up to 1"(1" included)we could produce wrapped cover and smooth cover; Sizes above 1"(1" not included), we could only produce wrapped cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃～+100℃(Air:+70℃, Water:+85℃).





AESTR® HL663-02

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径	MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Max						
	inch	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL663-02-03	3/16″	4.8	10.6	11.6	14.1	41.5	6018	166	24070	90	0.34
HL663-02-04	1/4″	6.4	12.1	13.3	15.7	40.0	5800	160	23200	100	0.37
HL663-02-05	5/16″	7.9	13.7	14.9	17.3	35.0	5075	140	20300	115	0.42
HL663-02-06	3/8″	9.5	16.1	17.3	19.7	33.0	4785	132	19140	125	0.56
HL663-02-08	1/2″	12.7	19.0	20.6	23.0	27.5	3988	110	15950	180	0.64
HL663-02-10	5/8″	15.9	22.2	23.8	26.2	25.0	3625	100	14500	205	0.77
HL663-02-12	3/4″	19.0	26.2	27.8	30.1	21.5	3118	86	12470	240	0.94
HL663-02-16	1″	25.4	34.1	35.7	38.9	16.5	2393	66	9570	300	1.43
HL663-02-20	1-1/4″	31.8	43.3	45.7	49.5	12.5	1813	50	7250	420	1.93
HL663-02-24	1-1/2″	38.1	49.6	52.0	55.9	9.0	1305	36	5220	500	2.32
HL663-02-32	2″	50.8	62.3	64.7	68.6	8.0	1160	32	4640	630	2.99

MAIN FEATURES 主要性能

EN/DIN相应的工作压力·通过了多种性能测试

Corresponding working pressure same with EN/DIN, various performance tests passed

执行标准：EN853 2SN、SAE 100R2AT

结　　构：软管由耐油合成橡胶内胶层、2层钢丝编织增强层、耐天候黑色合成橡胶外胶层组成。

1”（含1”）以下规格胶管外观为布纹面和光面，1”以上规格为布纹面。

通过认证：MSHAIC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+100℃.（空气：+70℃.水：+85℃）

Standard: EN853 2SN, SAE 100R2AT

Construction: The hose consists of oil resistant synthetic rubber for inner tube, two layers of high tensile steel wire braided for reinforcement, and weather resistant synthetic black rubber for cover.

3/16" up to 1"(1" included)we could produce wrapped cover and smooth cover; Sizes above 1"(1" not included), we could only produce wrapped cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃～+100℃(Air:+70℃, Water:+85℃).





AESTR® HL664-02

Part No. 零件号	I.D. 软管内径		O.D 软管外径		MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max						
	inch	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL664-02-03	3/16″	4.8	11.9	13.5	10.5	1523	42	6090	75	0.16
HL664-02-04	1/4″	6.4	13.5	15.1	8.7	1262	35	5046	75	0.20
HL664-02-05	5/16″	7.9	16.7	18.3	8.4	1218	34	4872	100	0.26
HL664-02-06	3/8″	9.5	18.3	19.8	7.8	1131	31	4524	100	0.28
HL664-02-08	1/2″	12.7	23.0	24.6	7.0	1015	28	4060	125	0.41
HL664-02-10	5/8″	15.9	26.2	27.6	6.1	885	24	3538	140	0.49
HL664-02-12	3/4″	19.0	31.0	32.5	5.2	754	21	3016	150	0.65
HL664-02-16	1″	25.4	36.9	39.3	3.9	566	16	2262	205	0.83
HL664-02-20	1-1/4″	31.8	42.9	46.0	2.6	377	10	1508	250	0.88

MAIN FEATURES 主要性能

SAE100R3相应的工作压力・通过了多种性能测试

Corresponding working pressure same with SAE100R3, various performance tests passed

执行标准：SAE J517 100R3

结　　构：软管由耐油合成橡胶内胶层、2层纤维编织增强层、耐天候黑色合成橡胶外胶层组成。

1”（含1”）以下规格胶管外观为布纹面和光面，1”以上规格为布纹面。

通过认证：MSHAIC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+100℃.（空气：+70℃.水：+85℃）

Standard: SAE J517 100R3

Construction: The hose consists of oil resistant synthetic rubber for inner tube, two layers of textile for the reinforcement, and weather resistant synthetic black rubber for cover.

3/16" up to 1"(1" included)we could produce wrapped cover and smooth cover; Sizes above 1"(1" not included), we could only produce wrapped cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃～+100℃(Air:+70℃, Water:+85℃).





AESTR® HL665-04

Part No. 零件号	I.D. 软管内径		O.D 软管外径 Max	bar MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	kg WEIGHT 参考重量
	inch	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL665-04-12	3/4"	19.0	34.9	2.1	305	8	1218	125	0.77
HL665-04-16	1"	25.4	41.3	1.7	247	7	986	150	0.97
HL665-04-20	1-1/4"	31.8	50.8	1.4	203	6	812	200	1.18
HL665-04-24	1-1/2"	38.1	57.2	1.1	152	4	609	255	1.44
HL665-04-32	2"	50.8	69.9	0.7	102	3	406	300	2.15
HL665-04-40	2"-1/2"	63.5	82.6	0.4	58	1.6	232	355	2.99
HL665-04-48	3"	76.2	95.6	0.4	58	1.6	232	460	3.19
HL665-04-56	3"-1/2"	88.9	107.9	0.3	44	1.2	176	530	3.38
HL665-04-64	4"	101.6	120.7	0.25	36	1	144	610	4.36

MAIN FEATURES 主要性能

SAE100R4相应的工作压力・通过了多种性能测试

Corresponding working pressure same with SAE100R4, various performance tests passed

执行标准：SAE J517 100R4

结　　构：软管由耐油合成橡胶内胶层，增强层由四层纤维缠绕，中间加螺旋钢丝，耐天候黑色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体。

温度范围：-40℃～+100℃.（空气：+70℃.
水：+85℃）

Standard: SAE J517 100R4

Construction: The hose consists of oil resistant synthetic rubber for inner tube, four layers of textile spiral and steel wire helix for the enforcement, and weather resistant synthetic black rubber for cover.

Certificate: MSHA IC-330/1,ISO9001, IATF16949,etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids.

Temperature range: -40℃ ~ +100℃(Air:+70℃, Water:+85℃).





AESTR® HL666-01

Part No. 零件号	I.D. 软管内径		O.D 软管外径		MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max						
	inch	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL666-01-04	3/16″	4.8	12.7	13.7	21.0	3045	84	12180	75	0.23
HL666-01-05	1/4″	6.4	14.3	15.3	21.0	3045	84	12180	85	0.28
HL666-01-06	5/16″	7.9	16.7	17.6	15.7	2277	63	9106	100	0.36
HL666-01-08	13/32″	10.4	18.9	20.0	14.0	2030	56	8120	115	0.44
HL666-01-10	1/2″	12.7	22.8	24.0	12.2	1769	49	7076	140	0.60
HL666-01-12	5/8″	15.9	26.8	28.0	10.5	1523	42	6090	165	0.77
HL666-01-16	7/8″	22.2	30.6	32.2	5.6	812	22	3248	185	0.71
HL666-01-20	1-1/8″	28.6	37.3	38.9	4.3	624	17	2494	230	0.70
HL666-01-24	1-3/8″	35.0	43.7	45.2	3.5	508	14	2030	265	0.85
HL666-01-32	1-13/16″	46.0	55.2	57.6	2.4	348	10	1392	335	1.20

MAIN FEATURES 主要性能

SAE100R5相应的工作压力・通过了多种性能测试

Corresponding working pressure same with SAE100R5, various performance tests passed

执行标准：SAE J517 100R5

结　　构：软管由耐油合成橡胶内胶层、1层钢丝编织增强层、外覆黑色或蓝色纤维层组成。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体。

温度范围：-40℃～+100℃.（空气：+70℃.
水：+85℃）

Standard: SAE J517 100R5

Construction: The hose consists of oil resistant synthetic rubber for inner tube, one layer of high tensile steel wire braided for reinforcement, and one layer of black or blue textile braided for cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids.

Temperature range: -40℃～+100℃(Air:+70℃, Water:+85℃).





AESTR® HL667-01

Part No. 零件号	I.D. 软管内径		O.D 软管外径		MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max						
	inch	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL667-01-03	3/16″	4.8	10.3	11.9	3.5	508	14	2030	50	0.16
HL667-01-04	1/4″	6.4	11.9	13.5	2.8	406	11	1624	65	0.21
HL667-01-05	5/16″	7.9	13.5	15.1	2.8	406	11	1624	75	0.25
HL667-01-06	3/8″	9.5	15.1	16.7	2.8	406	11	1624	75	0.29
HL667-01-08	1/2″	12.7	19.0	20.6	2.8	406	11	1624	100	0.39
HL667-01-10	5/8″	15.9	22.2	23.8	2.4	348	10	1392	125	0.51
HL667-01-12	3/4″	19.0	25.4	27.8	2.1	305	8	1218	150	0.66

MAIN FEATURES 主要性能

SAE100R6相应的工作压力・通过了多种性能测试

Corresponding working pressure same with SAE100R6, various performance tests passed

执行标准：SAE J517 100R6

结　　构：软管由耐油合成橡胶内胶层、1层纤维编织增强层、耐天候黑色合成橡胶外胶层组成。

1”（含1”）以下规格胶管外观为布纹面和光面，1”以上规格为布纹面。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+100℃.（空气：+70℃.水：+85℃）

Standard: SAE J517 100R6

Construction: The hose consists of oil resistant synthetic rubber for inner tube, one layer of fiber/textile braided for reinforcement, and weather resistant synthetic black rubber for cover.

3/16" up to 1"(1" included)we could produce wrapped cover and smooth cover; Sizes above 1"(1" not included), we could only produce wrapped cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃～+100℃(Air:+70℃, Water:+85℃).





AESTR® HL668-01

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径	MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Max						
	inch	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL668-01-04	1/4″	6.4	9.6	10.8	13.5	22.5	3263	90	13050	75	0.20
HL668-01-05	5/16″	7.9	10.9	12.1	14.5	21.5	3118	86	12470	85	0.22
HL668-01-06	3/8″	9.5	12.7	14.5	16.9	18.0	2610	72	10440	90	0.27
HL668-01-08	1/2″	12.7	15.9	18.1	20.4	16.0	2320	64	9280	130	0.33
HL668-01-10	5/8″	15.9	19.8	21.0	23.0	13.0	1885	52	7540	150	0.44
HL668-01-12	3/4″	19.0	23.2	24.4	26.7	10.5	1523	42	6090	180	0.52
HL668-01-16	1″	25.4	30.7	31.9	34.9	8.8	1276	35	5104	230	0.82

MAIN FEATURES 主要性能

软管直径小、柔韧性强・弯曲半径小・重量轻・更适合于狭小空间环境应用。

Thinner hose diameter, more flexible, small bending radius, light weight, suitable used in the small space

执行标准：EN857 1SC

结　　构：软管由耐油合成橡胶内胶层、1层钢丝编织增强层、耐天候黑色合成橡胶外胶层组成。

1”（含1”）以下规格胶管外观为布纹面和光面，1”以上规格为布纹面。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+100℃.（空气：+70℃.水：+85℃）

Standard: EN857 1SC

Construction: The hose consists of oil resistant synthetic rubber for inner tube, one layer of high tensile steel wire braided for reinforcement, and weather resistant synthetic black rubber for cover.

3/16" up to 1"(1" included)we could produce wrapped cover and smooth cover; Sizes above 1"(1" not included), we could only produce wrapped cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃～+100℃(Air:+70℃, Water:+85℃).





AESTR® HL668-02

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径	MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Max						
	inch	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL668-02-04	1/4″	6.4	10.6	11.7	14.2	40.0	5800	160	23200	75	0.29
HL668-02-05	5/16″	7.9	12.1	13.3	16.0	35.0	5075	140	20300	85	0.35
HL668-02-06	3/8″	9.5	14.4	15.6	18.3	33.0	4785	132	19140	90	0.39
HL668-02-08	1/2″	12.7	17.5	19.1	21.5	27.5	3988	110	15950	130	0.58
HL668-02-10	5/8″	15.9	20.5	22.3	24.7	25.0	3625	100	14500	170	0.65
HL668-02-12	3/4″	19.0	24.6	26.4	28.6	21.5	3118	86	12470	200	0.85
HL668-02-16	1″	25.4	32.5	34.3	36.6	16.5	2393	66	9570	250	1.12

MAIN FEATURES 主要性能

软管直径小、柔韧性强・弯曲半径小・重量轻・更适合于狭小空间环境应用。

Thinner hose diameter, more flexible, small bending radius, light weight, suitable used in the small space

执行标准：EN857 2SC

结　　构：软管由耐油合成橡胶内胶层、2层钢丝编织增强层、耐天候黑色合成橡胶外胶层组成。

1”（含1”）以下规格胶管外观为布纹面和光面，1"以上规格为布纹面。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+100℃.（空气：+70℃.水：+85℃）

Standard: EN857 2SC

Construction: The hose consists of oil resistant synthetic rubber for inner tube, two layers of high tensile steel wire braided for reinforcement, and weather resistant synthetic black rubber for cover.

3/16" up to 1"(1" included)we could produce wrapped cover and smooth cover; Sizes above 1"(1" not included), we could only produce wrapped cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃ ~ +100℃(Air:+70℃, Water:+85℃).





AESTR® HL669-02

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径 Max	O.D 软管外径 Max	MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
	inch	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL669-02-04	1/4″	6.4	12.3	14.5	40.0	5800	160	23200	50	0.29
HL669-02-05	5/16″	7.9	13.3	15.7	35.0	5075	140	20300	55	0.35
HL669-02-06	3/8″	9.5	15.9	18.8	33.0	4785	132	19140	65	0.39
HL669-02-08	1/2″	12.7	19.0	22.0	27.5	3988	110	15950	90	0.58
HL669-02-10	5/8″	15.9	22.6	25.4	25.0	3625	100	14500	100	0.65
HL669-02-12	3/4″	19.0	26.3	29.0	21.5	3118	86	12470	120	0.85
HL669-02-16	1″	25.4	34.0	36.6	16.5	2393	66	9570	150	1.12

MAIN FEATURES 主要性能

软管直径小、柔韧性强・弯曲半径小・重量轻・更适合于狭小空间环境应用。

Thinner hose diameter, more flexible, small bending radius, light weight, suitable used in the small space

执行标准：SAE J517 100R16

结　　构：软管由耐油合成橡胶内胶层、2层钢丝编织增强层、耐天候黑色合成橡胶外胶层组成。

1”（含1”）以下规格胶管外观为布纹面和光面，1"以上规格为布纹面。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+100℃.（空气：+70℃.水：+85℃）

Standard: SAE J517 100R16

Construction: The hose consists of oil resistant synthetic rubber for inner tube, two layers of high tensile steel wire braided for reinforcement, and weather resistant synthetic black rubber for cover.

3/16" up to 1"(1" included)we could produce wrapped cover and smooth cover ; Sizes above 1"(1" not included), we could only produce wrapped cover .

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃ ~ +100℃(Air:+70℃, Water:+85℃).





AESTR® HL670-01

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径 Max	O.D 软管外径 Max	bar MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	kg WEIGHT 参考重量
	inch	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL670-01-04	1/4"	6.4	11.0	13.2	21.0	3045	84	12180	50	0.21
HL670-01-05	5/16"	7.9	13.0	15.0	21.0	3045	84	12180	55	0.24
HL670-01-06	3/8"	9.5	15.0	17.0	21.0	3045	84	12180	65	0.33
HL670-01-08	1/2"	12.7	18.8	21.1	21.0	3045	84	12180	90	0.41
HL670-02-10	5/8"	15.9	23.6	25.9	21.0	3045	84	12180	100	0.80
HL670-02-12	3/4"	19.0	27.7	30.3	21.0	3045	84	12180	120	0.99
HL670-02-16	1"	25.4	35.6	38.6	21.0	3045	84	12180	150	1.38

MAIN FEATURES 主要性能

软管直径小、柔韧性强・弯曲半径小・重量轻・更适合于狭小空间环境应用。

Thinner hose diameter, more flexible, small bending radius, light weight, suitable used in the small space

执行标准：SAE J517 100R17

结　　构：软管由耐油合成橡胶内胶层、1层或2层钢丝编织增强层、耐天候黑色合成橡胶外胶层组成。

1”（含1”）以下规格胶管外观为布纹面和光面，1"以上规格为布纹面。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+100℃.（空气：+70℃.水：+85℃）

Standard: SAE J517 100R17

Construction: The hose consists of oil resistant synthetic rubber for inner tube, one or two layers of high tensile steel wire braided for reinforcement, and weather resistant synthetic black rubber for cover.

3/16" up to 1"(1" included)we could produce wrapped cover and smooth cover; Sizes above 1"(1" not included), we could only produce wrapped cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃ ~ +100℃(Air:+70℃, Water:+85℃).



AESTR® HL670-02





AESTR® HL671-04

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径		MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Min	Max						
	inch	mm	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL671-04-04	1/4"	6.4	14.1	15.3	17.1	18.7	45.0	6525	180	26100	150	0.59
HL671-04-05	5/16"	7.9	15.6	17.2	18.6	20.2	45.0	6525	180	26100	150	0.67
HL671-04-06	3/8"	9.5	16.9	18.1	20.6	22.2	44.5	6453	178	25810	180	0.76
HL671-04-08	1/2"	12.7	19.4	21.0	23.8	25.4	41.5	6018	166	24070	230	0.87
HL671-04-10	5/8"	15.9	23.0	24.6	27.4	29.0	35.0	5075	140	20300	250	1.00
HL671-04-12	3/4"	19.0	27.4	29.0	31.4	33.0	35.0	5075	140	20300	300	1.48
HL671-04-14	7/8"	22.2	31.2	32.8	34.8	36.4	35.0	5075	140	20300	300	1.88
HL671-04-16	1"	25.4	34.5	36.1	38.5	40.9	28.0	4060	112	16240	340	2.04
HL671-04-20	1-1/4"	31.8	45.0	47.0	49.2	52.4	21.0	3045	84	12180	460	3.18
HL671-04-24	1-1/2"	38.1	51.4	53.4	55.6	58.8	18.5	2683	74	10730	560	3.81
HL671-04-32	2"	50.8	64.3	66.3	68.2	71.4	16.5	2393	66	9570	660	5.01

MAIN FEATURES 主要性能

EN/DIN相应的工作压力·通过了多种性能测试

Corresponding working pressure same with EN/DIN, various performance tests passed

执行标准：EN856 4SP

结　　构：软管由耐油合成橡胶内胶层、4层钢丝缠绕增强层、耐天候黑色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、矿用产品安全标志认证、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+100℃.（空气：+70℃.水：+85℃）

Standard: EN856 4SP

Construction: The hose consists of oil resistant synthetic rubber for inner tube, four layers of high tensile steel wire spiral for reinforcement, and weather resistant synthetic black rubber for cover.

Certificate: MSHA IC-330/1, Safety Certificate Approval for Mining Products, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃～+100℃(Air:+70℃, Water:+85℃).





AESTR® HL672-04

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径		MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Min	Max						
	inch	mm	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL672-04-12	3/4″	19.0	27.6	29.2	31.4	33.0	42.0	6090	168	24360	280	1.48
HL672-04-14	7/8″	22.2	31.2	32.8	34.8	36.4	38.0	5510	152	22040	340	1.85
HL672-04-16	1″	25.4	34.4	36.0	37.5	39.9	38.0	5510	152	22040	340	2.03
HL672-04-20	1-1/4″	31.8	40.9	42.9	43.9	47.1	32.5	4713	130	18850	460	2.45
HL672-04-24	1-1/2″	38.1	47.8	49.8	51.9	55.1	29.0	4205	116	16820	560	2.97
HL672-04-32	2″	50.8	62.2	64.2	66.5	69.7	25.0	3625	100	14500	700	4.50

MAIN FEATURES 主要性能

EN/DIN相应的工作压力·通过了多种性能测试

Corresponding working pressure same with EN/DIN, various performance tests passed

执行标准：EN856 4SH

结　　构：软管由耐油合成橡胶内胶层、4层钢丝缠绕增强层、耐天候黑色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、矿用产品安全标志认证、ISO9001、IATF16949 认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+100℃.（空气：+70℃.水：+85℃）

Standard: EN856 4SH

Construction: The hose consists of oil resistant synthetic rubber for inner tube, four layers of high tensile steel wire spiral for reinforcement, and weather resistant synthetic black rubber for cover.

Certificate: MSHA IC-330/1, Safety Certificate Approval for Mining Products, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃～+100℃(Air:+70℃, Water:+85℃).





AESTR® HL673-04

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径		MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Min	Max						
	inch	mm	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL673-04-06	3/8″	9.5	16.6	17.8	19.5	21.0	28.0	4060	112	16240	130	0.63
HL673-04-08	1/2″	12.7	19.9	21.5	23.0	24.6	28.0	4060	112	16240	180	0.78
HL673-04-10	5/8″	15.9	23.8	25.4	26.6	28.2	28.0	4060	112	16240	200	0.97
HL673-04-12	3/4″	19.0	26.9	28.4	29.9	31.5	28.0	4060	112	16240	240	1.22
HL673-04-16	1″	25.4	34.1	35.7	36.8	39.2	28.0	4060	112	16240	300	1.80
HL673-04-20	1-1/4″	31.8	42.7	45.1	45.4	48.6	21.0	3045	84	12180	420	2.48
HL673-04-24	1-1/2″	38.1	49.2	51.6	51.9	55.0	17.5	2538	70	10150	500	2.91
HL673-04-32	2″	50.8	62.5	64.8	65.1	68.3	17.5	2538	70	10150	630	4.07

MAIN FEATURES 主要性能

SAE 100R12相应的工作压力・通过了多种性能测试

Corresponding working pressure same with SAE100R12, various performance tests passed

执行标准：SAE J517 100R12

结　　构：软管由耐油合成橡胶内胶层、4层钢丝缠绕增强层、耐天候黑色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、矿用产品安全标志认证、ISO9001、IATF16949 认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+121℃.（空气：+70℃.水：+85℃）

Standard: SAE J517 100R12

Construction: The hose consists of oil resistant synthetic rubber for inner tube, four layers of high tensile steel wire spiral for reinforcement, and weather resistant synthetic black rubber for cover.

Certificate: MSHA IC-330/1, Safety Certificate Approval for Mining Products, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃～+121℃(Air:+70℃, Water:+85℃).





AESTR® HL674-04

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径		MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Min	Max						
	inch	mm	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL674-04-12	3/4″	19.0	28.2	29.8	31.0	33.2	35.0	5075	140	20300	240	1.49
HL674-04-16	1″	25.4	34.9	36.4	37.6	39.8	35.0	5075	140	20300	300	2.03
HL674-04-20	1-1/4″	31.8	45.6	48.0	48.3	51.3	35.0	5075	140	20300	420	2.70
HL674-06-24	1-1/2″	38.1	53.1	55.5	55.8	58.8	35.0	5075	140	20300	500	4.97
HL674-06-32	2″	50.8	66.9	69.3	69.5	72.7	35.0	5075	140	20300	630	6.38
HL664-06-40	2-1/2″	63.5	79.8	82.0	83.5	86.3	35.0	5075	140	20300	800	7.87

MAIN FEATURES 主要性能

SAE 100R13相应的工作压力·通过了多种性能测试

Corresponding working pressure same with SAE100R13, various performance tests passed

执行标准：SAE J517 100R13

结　　构：软管由耐油合成橡胶内胶层、4层或6层钢丝缠绕增强层、耐天候黑色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、矿用产品安全标志认证、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+121℃.（空气：+70℃.水：+85℃）

Standard: SAE J517 100R13

Construction: The hose consists of oil resistant synthetic rubber for inner tube, four or six layers of high tensile steel wire spiral for reinforcement, and weather resistant synthetic black rubber for cover.

Certificate: MSHA IC-330/1, Safety Certificate Approval for Mining Products, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃ ~ +121℃(Air:+70℃, Water:+85℃).



AESTR® HL674-06





AESTR® HL675-04

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径 Max	O.D 软管外径 Max	MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
	inch	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL675-04-06	3/8″	9.5	20.3	23.3	42.0	6090	168	24360	150	0.76
HL675-04-08	1/2″	12.7	24.0	26.8	42.0	6090	168	24360	200	0.85
HL675-04-10	5/8″	15.9	26.0	28.8	42.0	6090	168	24360	230	1.05
HL675-04-12	3/4″	19.0	32.9	36.1	42.0	6090	168	24360	265	1.64
HL675-04-16	1″	25.4	38.9	42.9	42.0	6090	168	24360	330	2.23
HL675-06-20	1-1/4″	31.8	48.4	51.5	42.0	6090	168	24360	445	4.16
HL675-06-24	1-1/2″	38.1	56.3	59.6	42.0	6090	168	24360	530	5.12
HL675-06-32	2″	50.8	69.4	72.9	42.0	6090	168	24360	630	6.54

MAIN FEATURES 主要性能

SAE 100R15相应的工作压力・通过了多种性能测试

Corresponding working pressure same with SAE100R15, various performance tests passed

执行标准：SAE J517 100R15

结　　构：软管由耐油合成橡胶内胶层、4层或6层钢丝缠绕增强层、耐天候黑色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、矿用产品安全标志认证、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+121℃.（空气：+70℃.水：+85℃）

Standard: SAE J517 100R15

Construction: The hose consists of oil resistant synthetic rubber for inner tube, four or six layers of high tensile steel wire spiral for reinforcement, and weather resistant synthetic black rubber for cover.

Certificate: MSHA IC-330/1, Safety Certificate Approval for Mining Products, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃ ~ +121℃(Air:+70℃, Water:+85℃).



AESTR® HL675-06





AESTR® HL676-01

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径	MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Max						
	inch	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL676-01-04	1/4"	6.4	9.6	10.8	13.5	7.0	1015	28	4060	30	0.14
HL676-01-06	3/8"	9.5	12.7	14.5	16.9	7.0	1015	28	4060	40	0.22

MAIN FEATURES 主要性能

超柔软・弯曲半径小・重量轻・通过了多种性能测试

More flexible, small bending radius, light weight, many performances test passed

紧密型一层钢丝编织先导管、压力回油管

结　　构：软管由耐油合成橡胶内胶层、1层钢丝编织增强层、耐天候黑色合成橡胶外胶层组成。

胶管外观为布纹面和光面。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮、塑胶轮等多种包装方式。

用　　途：适用于挖机、各种工程车辆的先导管、压力回流管。

温度范围：-40℃～+121℃.（空气：+70℃.
水：+85℃）

Compact oil return rubber hydraulic hose with One steel wire reinforced (PILOT HOSE)

Construction: The hose consists of oil resistant synthetic rubber for inner tube, one layer of high tensile steel wire braided for reinforcement, and weather resistant synthetic black rubber for cover.

we could produce wrapped cover and smooth cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for excavator, various pilot hose for construction machinery, pressure return hose.

Temperature range: -40℃～+121℃(Air:+70℃, Water:+85℃).





AESTR® HL677-01

Part No. 零件号	I.D. 软管内径		O.D 软管外径 Max	bar MAX W.P. 最大工作压力		MIN B.R 最小弯曲半径
纤维增强	inch	mm	mm	Mpa	psi	mm
HL677-01-03	3/16″	4.8	11.4	21.0	2900	25
HL677-01-04	1/4″	6.3	13.7	19.2	2900	32
HL677-01-05	5/16″	8.0	15.6	17.5	2610	45
HL677-01-06	3/8″	10.0	18.4	15.7	2320	55
HL677-01-08	1/2″	13.0	22.5	14.0	2030	77
HL677-01-10	5/8″	16.0	25.8	10.5	1450	110
HL677-01-12	3/4″	19.0	28.6	8.7	1305	140
HL677-01-16	1″	25.0	36.7	7.0	1015	200

MAIN FEATURES 主要性能

SAE100R7相应的工作压力 • 通过了多种性能测试

Corresponding working pressure same with SAE100R7, various performance tests passed.

执行标准：SAE J517 100R7

结　　构：软管由耐液压液体的热塑内胶层、合成纤维或钢丝增加层，并耐液压液体、耐天候的热塑外胶层组成。

胶管可双联、三联，并可做导电和非导电热塑管，外观颜色可做黑色、橙黄色、其它颜色可订制。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

用　　途：适用于石油基、水基和液压基流体。常用于农业机械、土方机械、工程机械等设备的液体输送。

温度范围：-40℃～+100℃。

Standard : SAE J517 100R7

Construction: The hose consists of thermoplastic inner tube with hydraulic fluids resistance, synthetic fiber or steel wire as reinforcement, thermoplastic cover with hydraulic fluids and weather conditions resistance.

Twin hose or multi lines hose avaliable with conductive and non-conductive (black and orange color available, other colors could customize)

Certificate: MSHA IC-330/1、ISO9001、IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application : Suitable for water and petroleum-based hydraulic fluids. Widely used in the fields of liquid transportation in agricultural machinery, earthmoving machinery, engineering machinery, and other equipment.

Temperature range : -40℃~+100℃.





AESTR® HL677-01

Part No. 零件号	I.D. 软管内径		O.D 软管外径 Max	bar MAX W.P. 最大工作压力		MIN B.R 最小弯曲半径
钢丝增强	inch	mm	mm	Mpa	psi	mm
HL677-01-03	3/16″	4.8	11.4	35.0	5075	30
HL677-01-04	1/4″	6.3	13.7	35.0	5075	40
HL677-01-05	5/16″	8.0	15.6	24.0	3480	50
HL677-01-06	3/8″	10.0	18.4	22.5	3263	60
HL677-01-08	1/2″	13.0	22.5	19.0	2755	75
HL677-01-10	5/8″	16.0	25.8	15.0	2175	110
HL677-01-12	3/4″	19.0	28.6	13.0	1885	150
HL677-01-16	1″	25.0	36.7	10.5	1523	230

MAIN FEATURES 主要性能

SAE100R7相应的工作压力 • 通过了多种性能测试

Corresponding working pressure same with SAE100R7, various performance tests passed.

执行标准：SAE J517 100R7

结　　构：软管由耐液压液体的热塑内胶层、合成纤维或钢丝增加层，并耐液压液体、耐天候的热塑外胶层组成。

胶管可双联、三联，并可做导电和非导电热塑管，外观颜色可做黑色、橙黄色、其它颜色可订制。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

用　　途：适用于石油基、水基和液压基流体。常用于农业机械、土方机械、工程机械等设备的液体输送。

温度范围：-40℃～+100℃。

Standard : SAE J517 100R7

Construction: The hose consists of thermoplastic inner tube with hydraulic fluids resistance, synthetic fiber or steel wire as reinforcement, thermoplastic cover with hydraulic fluids and weather conditions resistance.

Twin hose or multi lines hose avaliable with conductive and non-conductive (black and orange color available, other colors could customize)

Certificate: MSHA IC-330/1、ISO9001、IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application : Suitable for water and petroleum-based hydraulic fluids. Widely used in the fields of liquid transportation in agricultural machinery, earthmoving machinery, engineering machinery, and other equipment.

Temperature range : -40℃~+100℃.





AESTR® HL678-01

Part No. 零件号	I.D. 软管内径		O.D 软管外径 Max	bar MAX W.P. 最大工作压力		MIN B.R 最小弯曲半径
纤维增强	inch	mm	mm	Mpa	psi	mm
HL678-01-03	3/16″	4.8	14.6	35.0	5075	40
HL678-01-04	1/4″	6.3	16.8	30.0	4350	45
HL678-01-06	3/8″	10.0	20.3	26.0	3770	65
HL678-01-08	1/2″	13.0	24.6	24.0	3480	80
HL678-01-10	5/8″	16.0	29.8	20.0	2900	100
HL678-01-12	3/4″	19.0	33.0	16.0	2320	140
HL678-01-16	1″	25.0	38.6	14.0	2030	200

MAIN FEATURES 主要性能

SAE100R8相应的工作压力 • 通过了多种性能测试

Corresponding working pressure same with SAE100R8, various performance tests passed.

执行标准：SAE J517 100R8

结　　构：软管由耐液压液体的热塑内胶层、合成纤维或钢丝增加层，并耐液压液体、耐天候的热塑外胶层组成。

胶管可双联、三联，并可做导电和非导电热塑管，外观颜色可做黑色、橙黄色、其它颜色可订制。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮 等多种包装方式.

用　　途：适用于石油基、水基和液压基流体。

温度范围：-40℃～+100℃。

Standard : SAE J517 100R8

Construction: The hose consists of thermoplastic inner tube with hydraulic fluids resistance, synthetic fiber or steel wire as reinforcement, thermoplastic cover with hydraulic fluids and weather conditions resistance.

Twin hose or multi lines hose avaliable with conductive and non-conductive (black and orange color available, other colors could customize)

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc .

Application: Suitable for water and petroleum-based hydraulic fluids.

Temperature range: -40°C~+100°C.





AESTR® HL678-01

Part No. 零件号	I.D. 软管内径		O.D 软管外径 Max	bar MAX W.P. 最大工作压力		MIN B.R 最小弯曲半径
钢丝增强	inch	mm	mm	Mpa	psi	mm
HL678-01-03	3/16″	4.8	14.6	45.0	6525	80
HL678-01-04	1/4″	6.3	16.8	43.0	6235	100
HL678-01-06	3/8″	10.0	20.3	33.0	4785	130
HL678-01-08	1/2″	13.0	24.6	27.0	3915	180
HL678-01-10	5/8″	16.0	29.8	25.0	3625	205
HL678-01-12	3/4″	19.0	33.0	21.5	3118	255
HL678-01-16	1″	25.0	38.6	16.5	2393	305

MAIN FEATURES 主要性能

SAE100R8相应的工作压力 • 通过了多种性能测试

Corresponding working pressure same with SAE100R8, various performance tests passed.

执行标准：SAE J517 100R8

结　　构：软管由耐液压液体的热塑内胶层、合成纤维或钢丝增加层，并耐液压液体、耐天候的热塑外胶层组成。

胶管可双联、三联，并可做导电和非导电热塑管，外观颜色可做黑色、橙黄色、其它颜色可订制。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮 等多种包装方式.

用　　途：适用于石油基、水基和液压基流体。

温度范围：-40℃～+100℃。

Standard : SAE J517 100R8

Construction: The hose consists of thermoplastic inner tube with hydraulic fluids resistance, synthetic fiber or steel wire as reinforcement, thermoplastic cover with hydraulic fluids and weather conditions resistance.

Twin hose or multi lines hose avaliable with conductive and non-conductive (black and orange color available, other colors could customize)

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc .

Application: Suitable for water and petroleum-based hydraulic fluids.

Temperature range: -40℃~+100℃.





WELONE® HL771-01

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径	MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Max						
	inch	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL771-01-03	3/16″	4.8	9.0	10.0	12.5	25.0	3625	113	16313	90	0.20
HL771-01-04	1/4″	6.4	10.6	11.6	14.1	22.5	3263	101	14681	100	0.24
HL771-01-05	5/16″	7.9	12.1	13.3	15.7	21.5	3118	97	14029	115	0.27
HL771-01-06	3/8″	9.5	14.5	15.7	18.1	18.0	2610	81	11745	125	0.35
HL771-01-08	1/2″	12.7	17.5	19.1	21.5	16.0	2320	72	10440	180	0.45
HL771-01-10	5/8″	15.9	20.6	22.2	24.7	13.0	1885	59	8483	205	0.52
HL771-01-12	3/4″	19.0	24.6	26.2	28.6	10.5	1523	47	6851	240	0.67
HL771-01-16	1″	25.4	32.5	34.1	36.6	8.7	1262	39	5677	300	0.98
HL771-01-20	1-1/4″	31.8	39.3	41.7	44.8	6.2	899	28	4046	420	1.22
HL771-01-24	1-1/2″	38.1	45.6	48.0	52.1	5.0	725	23	3263	500	1.54
HL771-01-32	2″	50.8	58.7	61.7	65.9	4.0	580	18	2610	630	2.12

MAIN FEATURES 主要性能

超越EN/DIN相应的工作压力・耐候性是普通软管的5倍・脉冲性能提升50%・温度范围大

Exceed the working pressure of EN/DIN, The weather resistance performance is 5 times more than the regular hose, Impulse performance with 50% higher, large temperature range

执行标准：EN853 1SN、SAE100R1AT

结　　构：软管由耐油合成橡胶内胶层、1层钢丝编织增强层、耐天候黑色合成橡胶外胶层组成。

1”（含1”）以下规格胶管外观为布纹面和光面，1”以上规格为布纹面。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+121℃.（空气：+70℃.水：+85℃）

Standard: EN853 1SN, SAE100R1AT

Construction: The hose consists of oil resistant synthetic rubber for inner tube, one layer of high tensile steel wire braided for reinforcement, and weather resistant synthetic black rubber for cover.

3/16" up to 1"(1" included)we could produce wrapped cover and smooth cover; Sizes above 1"(1" not included), we could only produce wrapped cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃～+121℃(Air:+70℃, Water:+85℃).





WELONE® HL771-02

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径	MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Max						
	inch	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL771-02-03	3/16″	4.8	10.6	11.6	14.1	41.5	6018	187	27079	90	0.34
HL771-02-04	1/4″	6.4	12.1	13.3	15.7	40.0	5800	180	26100	100	0.37
HL771-02-05	5/16″	7.9	13.7	14.9	17.3	35.0	5075	158	22838	115	0.42
HL771-02-06	3/8″	9.5	16.1	17.3	19.7	33.0	4785	149	21533	125	0.56
HL771-02-08	1/2″	12.7	19.0	20.6	23.0	27.5	3988	124	17944	180	0.64
HL771-02-10	5/8″	15.9	22.2	23.8	26.2	25.0	3625	113	16313	205	0.77
HL771-02-12	3/4″	19.0	26.2	27.8	30.1	21.5	3118	97	14029	240	0.94
HL771-02-16	1″	25.4	34.1	35.7	38.9	16.5	2393	74	10766	300	1.43
HL771-02-20	1-1/4″	31.8	43.3	45.7	49.5	12.5	1813	56	8156	420	1.93
HL771-02-24	1-1/2″	38.1	49.6	52.0	55.9	9.0	1305	41	5873	500	2.32
HL771-02-32	2″	50.8	62.3	64.7	68.6	8.0	1160	36	5220	630	2.99

MAIN FEATURES 主要性能

超越EN/DIN相应的工作压力・耐候性是普通软管的5倍・脉冲性能提升50%・温度范围大

Exceed the working pressure of EN/DIN, The weather resistance performance is 5 times more than the regular hose, Impulse performance with 50% higher, large temperature range

执行标准：EN853 2SN、SAE100R2AT

结　　构：软管由耐油合成橡胶内胶层、2层钢丝编织增强层、耐天候黑色合成橡胶外胶层组成。

1”（含1”）以下规格胶管外观为布纹面和光面，1”以上规格为布纹面。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+121℃.（空气：+70℃.水：+85℃）

Standard: EN853 2SN, SAE100R2AT

Construction: The hose consists of oil resistant synthetic rubber for inner tube, two layers of high tensile steel wire braided for reinforcement, and weather resistant synthetic black rubber for cover.

3/16" up to 1"(1" included)we could produce wrapped cover and smooth cover; Sizes above 1"(1" not included), we could only produce wrapped cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃ ~ +121℃(Air:+70℃, Water:+85℃).





WELONE® HL772-01

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径	MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Max						
	inch	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL772-01-04	1/4″	6.4	9.6	10.8	13.5	22.5	3263	101	14681	50	0.20
HL772-01-05	5/16″	7.9	10.9	12.1	14.5	21.5	3118	97	14029	55	0.22
HL772-01-06	3/8″	9.5	12.7	14.5	16.9	18.0	2610	81	11745	63	0.27
HL772-01-08	1/2″	12.7	15.9	18.1	20.4	16.0	2320	72	10440	90	0.33
HL772-01-10	5/8″	15.9	19.8	21.0	23.0	13.0	1885	59	8483	100	0.44
HL772-01-12	3/4″	19.0	23.2	24.4	26.7	10.5	1523	47	6851	120	0.52
HL772-01-16	1″	25.4	30.7	31.9	34.9	8.8	1276	40	5742	160	0.82

MAIN FEATURES 主要性能

超越EN/DIN相应的工作压力・耐候性是普通软管的5倍・脉冲性能提升50%・弯曲半径更小・温度范围大

Exceed the working pressure of EN/DIN, The weather resistance performance is 5 times more than the regular hose, Impulse performance with 50% higher, small bending radius, large temperature range

执行标准：EN857 1SC

结　　构：软管由耐油合成橡胶内胶层、1层钢丝编织增强层、耐天候黑色合成橡胶外胶层组成。

1”（含1”）以下规格胶管外观为布纹面和光面，1”以上规格为布纹面。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+121℃.（空气：+70℃.水：+85℃）

Standard: EN857 1SC

Construction: The hose consists of oil resistant synthetic rubber for inner tube, one layer of high tensile steel wire braided for reinforcement, and weather resistant synthetic black rubber for cover.

3/16" up to 1"(1" included)we could produce wrapped cover and smooth cover; Sizes above 1"(1" not included), we could only produce wrapped cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃～+121℃(Air:+70℃, Water:+85℃).





WELONE® HL772-02

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径	MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Max						
	inch	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL772-02-04	1/4″	6.4	10.6	11.7	14.2	40.0	5800	180	26100	50	0.29
HL772-02-05	5/16″	7.9	12.1	13.3	16.0	35.0	5075	158	22838	55	0.35
HL772-02-06	3/8″	9.5	14.4	15.6	18.3	33.0	4785	149	21533	63	0.39
HL772-02-08	1/2″	12.7	17.5	19.1	21.5	27.5	3988	124	17944	90	0.58
HL772-02-10	5/8″	15.9	20.5	22.3	24.7	25.0	3625	113	16313	100	0.65
HL772-02-12	3/4″	19.0	24.6	26.4	28.6	21.5	3118	97	14029	120	0.85
HL772-02-16	1″	25.4	32.5	34.3	36.6	16.5	2393	74	10766	160	1.12

MAIN FEATURES 主要性能

超越EN/DIN相应的工作压力・耐候性是普通软管的5倍・脉冲性能提升50%・弯曲半径更小・温度范围大

Exceed the working pressure of EN/DIN, The weather resistance performance is 5 times more than the regular hose, Impulse performance with 50% higher, small bending radius, large temperature range

执行标准：EN857 2SC

结　　构：软管由耐油合成橡胶内胶层、2层钢丝编织增强层、耐天候黑色合成橡胶外胶层组成。

1”（含1”）以下规格胶管外观为布纹面和光面，1”以上规格为布纹面。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+121℃.（空气：+70℃.水：+85℃）

Standard: EN857 2SC

Construction: The hose consists of oil resistant synthetic rubber for inner tube, two layers of high tensile steel wire braided for reinforcement, and weather resistant synthetic black rubber for cover.

3/16" up to 1"(1" included)we could produce wrapped cover and smooth cover; Sizes above 1"(1" not included), we could only produce wrapped cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃～+121℃(Air:+70℃, Water:+85℃).





WELONE® HL773-02

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径 Max	O.D 软管外径 Max	bar MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	kg WEIGHT 参考重量
	inch	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL773-02-04	1/4"	6.4	12.3	14.5	40.0	5800	180	26100	50	0.29
HL773-02-05	5/16"	7.9	13.3	15.7	35.0	5075	158	22838	55	0.35
HL773-02-06	3/8"	9.5	15.9	18.8	33.0	4785	149	21533	65	0.39
HL773-02-08	1/2"	12.7	19.0	22.0	27.5	3988	124	17944	90	0.58
HL773-02-10	5/8"	15.9	22.6	25.4	25.0	3625	113	16313	100	0.65
HL773-02-12	3/4"	19.0	26.3	29.0	21.5	3118	97	14029	120	0.85
HL773-02-16	1"	25.4	34.0	36.6	16.5	2393	74	10766	150	1.12

MAIN FEATURES 主要性能

超越EN/DIN相应的工作压力・耐候性是普通软管的5倍・脉冲性能提升50%・弯曲半径更小・温度范围大

Exceed the working pressure of EN/DIN, The weather resistance performance is 5 times more than the regular hose, Impulse performance with 50% higher, small bending radius, large temperature range

执行标准：SAE J517 100R16

结　　构：软管由耐油合成橡胶内胶层、2层钢丝编织增强层、耐天候黑色合成橡胶外胶层组成。

1"（含1"）以下规格胶管外观为布纹面和光面，1"以上规格为布纹面。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+121℃.（空气：+70℃.水：+85℃）

Standard: SAE J517 100R16

Construction: The hose consists of oil resistant synthetic rubber for inner tube, two layers of high tensile steel wire braided for reinforcement, and weather resistant synthetic black rubber for cover.

3/16" up to 1"(1" included)we could produce wrapped cover and smooth cover; Sizes above 1"(1" not included), we could only produce wrapped cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃～+121℃(Air:+70℃, Water:+85℃).





WELONE® HL774-04

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径		MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Min	Max						
	inch	mm	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL774-04-04	1/4"	6.4	14.1	15.3	17.1	18.7	45.0	6525	203	29363	150	0.59
HL774-04-05	5/16"	7.9	15.6	17.2	18.6	20.2	45.0	6525	203	29363	150	0.67
HL774-04-06	3/8"	9.5	16.9	18.1	20.6	22.2	44.5	6453	200	29036	180	0.76
HL774-04-08	1/2"	12.7	19.4	21.0	23.8	25.4	41.5	6018	187	27079	230	0.87
HL774-04-10	5/8"	15.9	23.0	24.6	27.4	29.0	35.0	5075	158	22838	250	1.00
HL774-04-12	3/4"	19.0	27.4	29.0	31.4	33.0	35.0	5075	158	22838	300	1.48
HL774-04-14	7/8"	22.2	31.2	32.8	34.8	36.4	35.0	5075	158	22838	300	1.88
HL774-04-16	1"	25.4	34.5	36.1	38.5	40.9	28.0	4060	126	18270	340	2.04
HL774-04-20	1-1/4"	31.8	45.0	47.0	49.2	52.4	21.0	3045	95	13703	460	3.18
HL774-04-24	1-1/2"	38.1	51.4	53.4	55.6	58.8	18.5	2683	83	12071	560	3.81
HL774-04-32	2"	50.8	64.3	66.3	68.2	71.4	16.5	2393	74	10766	660	5.01

MAIN FEATURES 主要性能

超越4SP相应的工作压力・耐候性是普通软管的5倍・脉冲性能提升50%・弯曲半径小・温度范围大

Exceed the working pressure of 4SP, The weather resistance performance is 5 times more than the regular hose, Impulse performance with 50% higher, small bending radius, large temperature range

执行标准：EN856 4SP

结　　构：软管由耐油合成橡胶内胶层、4层钢丝缠绕增强层、耐天候黑色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、矿用产品安全标志认证、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+121℃.（空气：+70℃.水：+85℃）

Standard: EN856 4SP

Construction: The hose consists of oil resistant synthetic rubber for inner tube, four layers of high tensile steel wire spiral for reinforcement, and weather resistant synthetic black rubber for cover.

Certificate: MSHA IC-330/1, Safety Certificate Approval for Mining Products, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃～+121℃(Air:+70℃, Water:+85℃).





WELONE® HL775-04

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径		MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Min	Max						
	inch	mm	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL775-04-12	3/4"	19.0	27.6	29.2	31.4	33.0	42.0	6090	189	27405	280	1.48
HL775-04-14	7/8"	22.2	31.2	32.8	34.8	36.4	38.0	5510	171	24795	340	1.85
HL775-04-16	1"	25.4	34.4	36.0	37.5	39.9	38.0	5510	171	24795	340	2.03
HL775-04-20	1-1/4"	31.8	40.9	42.9	43.9	47.1	32.5	4713	146	21206	460	2.45
HL775-04-24	1-1/2"	38.1	47.8	49.8	51.9	55.1	29.0	4205	131	18923	560	2.97
HL775-04-32	2"	50.8	62.2	64.2	66.5	69.7	25.0	3625	113	16313	700	4.50

MAIN FEATURES 主要性能

超越4SH相应的工作压力・耐候性是普通软管的5倍・脉冲性能提升50%・弯曲半径小・温度范围大

Exceed the working pressure of 4SH, The weather resistance performance is 5 times more than the regular hose, Impulse performance with 50% higher, small bending radius, large temperature range

执行标准：EN856 4SH

结　　构：软管由耐油合成橡胶内胶层、4层钢丝缠绕增强层、耐天候黑色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、矿用产品安全标志认证、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+121℃.（空气：+70℃.水：+85℃）

Standard: EN856 4SH

Construction: The hose consists of oil resistant synthetic rubber for inner tube, four layers of high tensile steel wire spiral for reinforcement, and weather resistant synthetic black rubber for cover.

Certificate: MSHA IC-330/1, Safety Certificate Approval for Mining Products, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃～+121℃(Air:+70℃, Water:+85℃).





WELONE® HL776-04

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径		MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Min	Max						
	inch	mm	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL776-04-06	3/8″	9.5	16.6	17.8	19.5	21.0	28.0	4060	126	18270	130	0.63
HL776-04-08	1/2″	12.7	19.9	21.5	23.0	24.6	28.0	4060	126	18270	180	0.78
HL776-04-10	5/8″	15.9	23.8	25.4	26.6	28.2	28.0	4060	126	18270	200	0.97
HL776-04-12	3/4″	19.0	26.9	28.4	29.9	31.5	28.0	4060	126	18270	240	1.22
HL776-04-16	1″	25.4	34.1	35.7	36.8	39.2	28.0	4060	126	18270	300	1.80
HL776-04-20	1-1/4″	31.8	42.7	45.1	45.4	48.6	21.0	3045	95	13703	420	2.48
HL776-04-24	1-1/2″	38.1	49.2	51.6	51.9	55.0	17.5	2538	79	11419	500	2.91
HL776-04-32	2″	50.8	62.5	64.8	65.1	68.3	17.5	2538	79	11419	630	4.07

MAIN FEATURES 主要性能

超越SAE 100R12相应的工作压力・耐候性是普通软管的5倍・脉冲性能提升50%・弯曲半径小

Exceed the working pressure of R12, The weather resistance performance is 5 times more than the regular hose, Impulse performance with 50% higher, small bending radius

执行标准：SAE J517 100R12

结　　构：软管由耐油合成橡胶内胶层、4层钢丝缠绕增强层、耐天候黑色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、矿用产品安全标志认证、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+121℃.（空气：+70℃.水：+85℃）

Standard: SAE J517 100R12

Construction: The hose consists of oil resistant synthetic rubber for inner tube, four layers of high tensile steel wire spiral for reinforcement, and weather resistant synthetic black rubber for cover.

Certificate: MSHA IC-330/1, Safety Certificate Approval for Mining Products, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃～+121℃(Air:+70℃, Water:+85℃).





WELONE® HL777-04

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径	O.D 软管外径	bar MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	kg WEIGHT 参考重量
			Max	Max						
	inch	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL777-04-06	3/8″	9.5	20.3	23.3	42.0	6090	189	27405	150	0.76
HL777-04-08	1/2″	12.7	24.0	26.8	42.0	6090	189	27405	200	0.85
HL777-04-10	5/8″	15.9	26.0	28.8	42.0	6090	189	27405	230	1.05
HL777-04-12	3/4″	19.0	32.9	36.1	42.0	6090	189	27405	265	1.64
HL777-04-16	1″	25.4	38.9	42.9	42.0	6090	189	27405	330	2.23
HL777-06-20	1-1/4″	31.8	48.4	51.5	42.0	6090	189	27405	445	4.16
HL777-06-24	1-1/2″	38.1	56.3	59.6	42.0	6090	189	27405	530	5.12
HL777-06-32	2″	50.8	69.4	72.9	42.0	6090	189	27405	630	6.54

MAIN FEATURES 主要性能

超越SAE 100R15相应的工作压力・耐候性是普通软管的5倍・脉冲性能提升50%・弯曲半径小

Exceed the working pressure of R15, The weather resistance performance is 5 times more than the regular hose, Impulse performance with 50% higher, small bending radius

执行标准：SAE J517 100R15

结　　构：软管由耐油合成橡胶内胶层、4层或6层钢丝缠绕增强层、耐天候黑色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、矿用产品安全标志认证、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+121℃.（空气：+70℃.水：+85℃）

Standard: SAE J517 100R15

Construction: The hose consists of oil resistant synthetic rubber for inner tube, four or six layers of high tensile steel wire spiral for reinforcement, and weather resistant synthetic black rubber for cover.

Certificate: MSHA IC-330/1, Safety Certificate Approval for Mining Products, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃～+121℃(Air:+70℃, Water:+85℃).



WELONE® HL777-06





WELONE® HL778-01

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径	O.D 连体外径	bar MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	kg WEIGHT 参考重量
			Min	Max	Max	Max						
	inch	mm	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL778-01-04	1/4″	6.4	9.6	10.8	13.5	27.0	22.5	3263	90	13050	50	0.38
HL778-01-05	5/16″	7.9	10.9	12.1	14.5	29.0	21.5	3118	86	12470	55	0.43
HL778-01-06	3/8″	9.5	12.7	14.5	16.9	33.8	18.0	2610	72	10440	63	0.52
HL778-01-08	1/2″	12.7	15.9	18.1	20.4	40.8	16.0	2320	64	9280	90	0.64
HL778-01-10	5/8″	15.9	19.8	21.0	23.0	46.0	13.0	1885	52	7540	100	0.77
HL778-01-12	3/4″	19.0	23.2	24.4	26.7	53.4	10.5	1523	42	6090	120	0.93

MAIN FEATURES 主要性能

软管小弯曲、轻量化、通过性强、解决客户在狭小空间布管难问题

Small bending radius. lightweight construction, excellent routing capability, effectively solving the customer's problem of difficult installation in confined spaces.

执行标准：双联管

结　　构：软管由耐油合成橡胶内胶层、1层钢丝编织增强层、耐天候黑色合成橡胶外胶层、通过两根软管外层挤压成型（胶管外观为光滑面）。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮 等多种包装方式。

用　　途：适用于石油基或水基液压流体。

温度范围：-40℃～+100℃.（空气：+70℃.
水：+85℃）

Standard: TWIN HOSE

Construcstion: The hose consists of oil resistant synthetic rubber for inner tube, one layer of high tensile steel wire braided for reinforcement, and weather resistant synthetic black rubber for cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, Plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids.

Temperature range: -40°C～+100°C(Air:+70°C, Water:+85°C).

注：客户如需极限类型的其它标准液压胶管，可与销售代表咨询。

NOTE: If the customer need any other type extreme series hydraulic hose, please contact our sales.





WELONE® HL778-02

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径	O.D 连体外径	MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Max	Max						
	inch	mm	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL778-02-04	1/4"	6.4	10.6	11.7	14.2	28.4	40.0	5800	160	23200	75	0.57
HL778-02-05	5/16"	7.9	12.1	13.3	16.0	32.0	35.0	5075	140	20300	85	0.67
HL778-02-06	3/8"	9.5	14.4	15.6	18.3	36.6	33.0	4785	132	19140	90	0.80
HL778-02-08	1/2"	12.7	17.5	19.1	21.5	43.0	27.5	3988	110	15950	130	0.96
HL778-02-10	5/8"	15.9	20.5	22.3	24.7	49.4	25.0	3625	100	14500	170	1.11

MAIN FEATURES 主要性能

软管小弯曲、轻量化、通过性强、解决客户在狭小空间布管难问题

Thinner hose diameter, more flexible, small bending radius, light weight, suitable used in the small space.

执行标准：双联管

结　　构：软管由耐油合成橡胶内胶层、2层钢丝编织增强层、耐天候黑色合成橡胶外胶层、通过两根软管外层挤压成型（胶管外观为光滑面）。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮 等多种包装方式。

用　　途：适用于石油基或水基液压流体。

温度范围：-40℃～+100℃.（空气：+70℃.
水：+85℃）

Standard: TWIN HOSE

Construcstion: The hose consists of oil resistant synthetic rubber for inner tube, two layers of high tensile steel wire braided for reinforcement, and weather resistant synthetic black rubber for cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, Plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids.

Temperature range: -40°C～+100°C(Air:+70°C,
Water:+85°C).

注：客户如需极限类型的其它标准液压胶管，可与销售代表咨询。

NOTE: If the customer need any other type extreme series hydraulic hose, please contact our sales.





WELONE® HL779-01

Part No. 零件号	Pkexuan 可选类型				I.D. 软管内径		O.D 软管外径 Max	bar MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	kg WEIGHT 参考重量
					inch	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL779-01-04	AC	BC	CC		1/4"	6.4	14.0	21.0	3045	84	12180	50	0.21
HL779-01-05	AC	BC	CC		5/16"	7.9	16.0	21.0	3045	84	12180	55	0.24
HL779-02-06	AC	BC	CC		3/8"	9.5	19.0	21.0	3045	84	12180	65	0.43
HL779-02-08	AC	BC	CC		1/2"	12.7	22.0	21.0	3045	84	12180	90	0.55
HL779-02-10	AC	BC	CC		5/8"	15.9	26.0	21.0	3045	84	12180	100	0.67
HL779-02-12	AC	BC	CC		3/4"	19.0	31.0	21.0	3045	84	12180	120	0.84
HL779-04-16			CC	DC	1"	25.4	39.0	21.0	3045	84	12180	300	1.79
HL779-04-20			CC	DC	1-1/4"	31.8	49.0	21.0	3045	84	12180	420	2.53
HL779-04-24			CC	DC	1-1/2"	38.1	56.0	21.0	3045	84	12180	560	3.09
HL779-04-32			CC	DC	2"	50.8	70.0	21.0	3045	84	12180	630	4.56

MAIN FEATURES 主要性能

符合/超越ISO 18752标准•全尺寸工作压力恒定•弯曲半径小•通过了多种性能测试

Meet/Exceed ISO18752 standard, Isobaric working pressure with all dimensions, Small bending radius.many performance tests passed.

执行标准：ISO 18752

结　　构：软管由耐油合成橡胶内胶层、钢丝编织或缠绕增强层、耐天候黑色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮 等多种包装方式。

Standard: ISO 18752

Construcstion: The hose consists of oil resistant synthetic rubber for inner tube, high tensile steel wire braided or spiral for reinforcement, and weather resistant synthetic black rubber for cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, Plastic or wooden reels, etc.



用　　途：适用于石油基或水基液压流体，用于1.0MPa以上的空气时，软管需针刺。

温度范围：型别　AC/BC：-40℃～+100℃
型别　CC/DC：40℃～+120℃

Application: Suitable for water and petroleum-based hydraulic fluids, and the hose will do the pin-prick when the hose used for the air more than 1.0 Mpa.

Temperature range: TYPE AC/BC:- 40°C ~ +100°C
TYPE CC/DC:- 40°C ~ +120°C

WELONE® HL779-02



WELONE® HL779-04





WELONE® HL780-02

Part No. 零件号	Pkexuan 可选类型				I.D. 软管内径		O.D 软管外径 Max	bar MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	kg WEIGHT 参考重量
					inch	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL780-02-04	AC	BC	CC		1/4"	6.4	15.0	28.0	4060	112	16240	50	0.29
HL780-02-05	AC	BC	CC		5/16"	7.9	16.0	28.0	4060	112	16240	55	0.35
HL780-02-06	AC	BC	CC		3/8"	9.5	19.0	28.0	4060	112	16240	65	0.41
HL780-02-08	AC	BC	CC		1/2"	12.7	23.0	28.0	4060	112	16240	90	0.54
HL780-02-10	AC	BC	CC		5/8"	15.9	27.0	28.0	4060	112	16240	100	0.65
HL780-04-12			CC	DC	3/4"	19.0	32.0	28.0	4060	112	16240	240	1.39
HL780-04-16			CC	DC	1"	25.4	39.0	28.0	4060	112	16240	300	1.95
HL780-04-20			CC	DC	1-1/4"	31.8	49.0	28.0	4060	112	16240	460	2.46
HL780-04-24			CC	DC	1-1/2"	38.1	56.0	28.0	4060	112	16240	560	3.00
HL780-04-32			CC	DC	2"	50.8	70.0	28.0	4060	112	16240	630	4.43

MAIN FEATURES 主要性能

符合/超越ISO 18752标准•全尺寸工作压力恒定•弯曲半径小•通过了多种性能测试

Meet/Exceed ISO18752 standard, Isobaric working pressure with all dimensions, Small bending radius.many performance tests passed.

执行标准：ISO 18752

结　　构：软管由耐油合成橡胶内胶层、钢丝编织或缠绕增强层、耐天候黑色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮 等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于1.0MPa以上的空气时，软管需针刺。

温度范围：型别　AC/BC：-40℃～+100℃
型别　CC/DC：40℃～+120℃

Standard: ISO 18752

Construcstion: The hose consists of oil resistant synthetic rubber for inner tube, high tensile steel wire braided or spiral for reinforcement, and weather resistant synthetic black rubber for cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, Plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and the hose will do the pin-prick when the hose used for the air more than 1.0 Mpa.

Temperature range: TYPE AC/BC:- 40°C ~ +100°C

TYPE CC/DC:- 40°C ~ +120°C



WELONE® HL780-04





WELONE® HL781-02

Part No. 零件号	Pkexuan 可选类型				I.D. 软管内径		O.D 软管外径 Max	bar MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	kg WEIGHT 参考重量
					inch	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL781-02-04	AC	BC	CC		1/4"	6.4	15.0	35.0	5075	140	20300	50	0.29
HL781-02-05	AC	BC	CC		5/16"	7.9	18.0	35.0	5075	140	20300	55	0.35
HL781-04-06			CC	DC	3/8"	9.5	22.0	35.0	5075	140	20300	65	0.76
HL781-04-08			CC	DC	1/2"	12.7	24.0	35.0	5075	140	20300	90	0.85
HL781-04-10			CC	DC	5/8"	15.9	34.0	35.0	5075	140	20300	210	1.05
HL781-04-12			CC	DC	3/4"	19.0	46.0	35.0	5075	140	20300	250	1.64
HL781-04-16			CC	DC	1"	25.4	50.0	35.0	5075	140	20300	300	2.22
HL781-04-20			CC	DC	1-1/4"	31.8	56.0	35.0	5075	140	20300	460	4.13
HL781-06-24			CC	DC	1-1/2"	38.1	72.0	35.0	5075	140	20300	560	5.13
HL781-06-32			CC	DC	2"	50.8	77.0	35.0	5075	140	20300	630	6.56

MAIN FEATURES 主要性能

符合/超越ISO 18752标准•全尺寸工作压力恒定•弯曲半径小•通过了多种性能测试

Meet/Exceed ISO18752 standard, Isobaric working pressure with all dimensions, Small bending radius.many performance tests passed.

执行标准：ISO 18752

结　　构：软管由耐油合成橡胶内胶层、钢丝编织或缠绕增强层、耐天候黑色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮 等多种包装方式。

Standard: ISO 18752

Construcstion: The hose consists of oil resistant synthetic rubber for inner tube, high tensile steel wire braided or spiral for reinforcement, and weather resistant synthetic black rubber for cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, Plastic or wooden reels, etc.



用　　途：适用于石油基或水基液压流体，用于1.0MPa以上的空气时，软管需针刺。

温度范围：型别　AC/BC：-40℃～+100℃
型别　CC/DC：40℃～+120℃

Application: Suitable for water and petroleum-based hydraulic fluids, and the hose will do the pin-prick when the hose used for the air more than 1.0 Mpa.

Temperature range: TYPE AC/BC:- 40°C ~ +100°C
TYPE CC/DC:- 40°C ~ +120°C

WELONE® HL781-04



WELONE® HL781-06





WELONE® HL782-02

Part No. 零件号	Pkexuan 可选类型				I.D. 软管内径		O.D 软管外径 Max	bar MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	kg WEIGHT 参考重量
					inch	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL782-02-04	AC	BC	CC		1/4"	6.4	15.0	42.0	6090	168	24360	50	0.27
HL782-02-05	AC	BC	CC		5/16"	7.9	16.0	42.0	6090	168	24360	55	0.27
HL782-04-06			CC	DC	3/8"	9.5	21.0	42.0	6090	168	24360	150	0.76
HL782-04-08			CC	DC	1/2"	12.7	25.0	42.0	6090	168	24360	180	0.85
HL782-04-10			CC	DC	5/8"	15.9	28.0	42.0	6090	168	24360	220	1.05
HL782-04-12			CC	DC	3/4"	19.0	36.0	42.0	6090	168	24360	280	1.64
HL782-04-16			CC	DC	1"	25.4	45.0	42.0	6090	168	24360	400	2.22
HL782-06-20			CC	DC	1-1/4"	31.8	52.0	42.0	6090	168	24360	480	4.13
HL782-06-24			CC	DC	1-1/2"	38.1	59.0	42.0	6090	168	24360	560	5.13
HL782-06-32			CC	DC	2"	50.8	73.0	42.0	6090	168	24360	630	6.56

MAIN FEATURES 主要性能

符合/超越ISO 18752标准•全尺寸工作压力恒定•弯曲半径小•通过了多种性能测试

Meet/Exceed ISO18752 standard, Isobaric working pressure with all dimensions, Small bending radius.many performance tests passed.

执行标准：ISO 18752

结　　构：软管由耐油合成橡胶内胶层、钢丝编织或缠绕增强层、耐天候黑色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮 等多种包装方式。

Standard: ISO 18752

Construcstion: The hose consists of oil resistant synthetic rubber for inner tube, high tensile steel wire braided or spiral for reinforcement, and weather resistant synthetic black rubber for cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, Plastic or wooden reels, etc.

用　　途：适用于石油基或水基液压流体，用于1.0MPa以上的空气时，软管需针刺。

温度范围：型别　AC/BC：-40℃～+100℃
型别　CC/DC：40℃～+120℃

Application: Suitable for water and petroleum-based hydraulic fluids, and the hose will do the pin-prick when the hose used for the air more than 1.0 Mpa.

Temperature range: TYPE AC/BC:- 40°C ~ +100°C
TYPE CC/DC:- 40°C ~ +120°C

WELONE® HL782-04



WELONE® HL782-06





WELONE® HL881-01

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径	MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Max						
	inch	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL881-01-04	1/4″	6.4	9.6	10.8	13.5	29.0	4205	116	16820	40	0.20
HL881-01-05	5/16″	7.9	10.9	12.1	14.5	25.0	3625	100	14500	55	0.22
HL881-01-06	3/8″	9.5	12.7	14.5	16.9	23.0	3335	92	13340	65	0.27
HL881-01-08	1/2″	12.7	15.9	18.1	20.4	20.0	2900	80	11600	80	0.33
HL881-01-10	5/8″	15.9	19.8	21.0	23.0	15.0	2175	60	8700	105	0.44
HL881-01-12	3/4″	19.0	23.2	24.4	26.7	12.5	1813	50	7250	120	0.52
HL881-01-16	1″	25.4	30.7	31.9	34.9	11.0	1595	44	6380	160	0.82

MAIN FEATURES 主要性能

超越EN/DIN相应的工作压力・小弯曲・高耐磨・耐候性是普通软管的5倍・温度范围大・脉冲性能通过了70万次测试

Exceed the working pressure of EN/DIN, small bending radius, high-abrasion resistance, The weather resistance performance is 5 times more than the regular hose, large temperature range, impulse performance more than 700,000 cycles

执行标准：EN857 1SC

结　　构：软管由耐油合成橡胶内胶层、1层钢丝编织增强层、耐天候黑色合成橡胶外胶层组成。

1”（含1”）以下规格胶管外观为布纹面和光面，1”以上规格为布纹面。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+121℃.（空气：+70℃.水：+85℃）

Standard: EN857 1SC

Construction: The hose consists of oil resistant synthetic rubber for inner tube, one layer of high tensile steel wire braided for reinforcement, and weather resistant synthetic black rubber for cover.

3/16" up to 1"(1" included)we could produce wrapped cover and smooth cover; Sizes above 1"(1" not included), we could only produce wrapped cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃～+121℃(Air:+70℃, Water:+85℃).





WELONE® HL881-02

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径	MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Max						
	inch	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL881-02-04	1/4″	6.4	10.6	11.7	14.2	45.0	6525	180	26100	45	0.29
HL881-02-05	5/16″	7.9	12.1	13.3	16.0	42.0	6090	168	24360	60	0.35
HL881-02-06	3/8″	9.5	14.4	15.6	18.3	38.5	5583	154	22330	70	0.39
HL881-02-08	1/2″	12.7	17.5	19.1	21.5	34.5	5003	138	20010	90	0.58
HL881-02-10	5/8″	15.9	20.5	22.3	24.7	29.0	4205	116	16820	130	0.65
HL881-02-12	3/4″	19.0	24.6	26.4	28.6	28.0	4060	112	16240	160	0.85
HL881-02-16	1″	25.4	32.5	34.3	36.6	20.0	2900	80	11600	210	1.12

MAIN FEATURES 主要性能

超越EN/DIN相应的工作压力・小弯曲・高耐磨・耐候性是普通软管的5倍・温度范围大・脉冲性能通过了100万次测试
Exceed the working pressure of EN/DIN, small bending radius, high-abrasion resistance, The weather resistance performance is 5 times more than the regular hose, large temperature range, impulse performance more than 1,000,000 cycles

执行标准：EN857 2SC

结　　构：软管由耐油合成橡胶内胶层、2层钢丝编织增强层、耐天候黑色合成橡胶外胶层组成。

1”（含1”）以下规格胶管外观为布纹面和光面，1”以上规格为布纹面。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+121℃.（空气：+70℃.水：+85℃）

Standard: EN857 2SC

Construction: The hose consists of oil resistant synthetic rubber for inner tube, two layers of high tensile steel wire braided for reinforcement, and weather resistant synthetic black rubber for cover.

3/16" up to 1"(1" included)we could produce wrapped cover and smooth cover; Sizes above 1"(1" not included), we could only produce wrapped cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃～+121℃(Air:+70℃, Water:+85℃).





WELONE® HL882-04

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径	O.D 软管外径	bar MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	kg WEIGHT 参考重量
			Max	Max						
	inch	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL882-04-06	3/8″	9.5	20.3	23.3	42.0	6090	189	27405	150	0.76
HL882-04-08	1/2″	12.7	24.0	26.8	42.0	6090	189	27405	200	0.85
HL882-04-10	5/8″	15.9	26.0	28.8	42.0	6090	189	27405	230	1.05
HL882-04-12	3/4″	19.0	32.9	36.1	42.0	6090	189	27405	265	1.64
HL882-04-16	1″	25.4	38.9	42.9	42.0	6090	189	27405	330	2.23
HL882-06-20	1-1/4″	31.8	48.4	51.5	42.0	6090	189	27405	445	4.16
HL882-06-24	1-1/2″	38.1	56.3	59.6	42.0	6090	189	27405	530	5.12
HL882-06-32	2″	50.8	69.4	72.9	42.0	6090	189	27405	630	6.54

MAIN FEATURES 主要性能

超越SAE 100R15相应的工作压力・小弯曲・高耐磨・耐候性是普通软管的5倍・温度范围大・脉冲性能通过了130万次测试
Exceed the working pressure of R15, small bending radius, high-abrasion resistance, The weather resistance performance is 5 times more than the regular hose, large temperature range, impulse performance more than 1,300,000 cycles

执行标准：SAE J517 100R15

结　　构：软管由耐油合成橡胶内胶层、4层或6层钢丝缠绕增强层、耐天候黑色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、矿用产品安全标志认证、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+121℃.（空气：+70℃.
水：+85℃）

Standard: SAE J517 100R15

Construction: The hose consists of oil resistant synthetic rubber for inner tube, four or six layers of high tensile steel wire spiral for reinforcement, and weather resistant synthetic black rubber for cover.

Certificate: MSHA IC-330/1, Safety Certificate Approval for Mining Products, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃ ~ +121℃(Air:+70℃, Water:+85℃).



WELONE® HL882-06





WELONE® HL981-01

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径		MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Min	Max						
	inch	mm	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL981-01-04	1/4"	6.4	10.7	11.7	13.5	14.9	32.0	4640	80	11600	100	0.27
HL981-01-05	5/16"	7.9	13.0	14.2	15.8	17.2	28.0	4060	70	10150	115	0.34
HL981-01-06	3/8"	9.5	14.8	16.0	18.1	19.5	26.0	3770	65	9425	125	0.42
HL981-01-08	1/2"	12.7	18.6	19.8	21.6	23.0	22.0	3190	55	7975	180	0.53
HL981-01-10	5/8"	15.9	21.6	22.8	24.7	26.1	17.0	2465	43	6163	205	0.61
HL981-01-12	3/4"	19.0	24.6	25.8	27.8	29.2	14.4	2088	36	5220	240	0.72
HL981-01-14	7/8"	22.2	27.4	28.6	30.8	32.2	13.0	1885	33	4713	280	0.80
HL981-01-16	1"	25.4	30.6	31.8	33.7	35.1	11.0	1595	28	3988	300	0.88
HL981-01-20	1-1/4"	31.8	38.1	39.3	40.7	42.7	9.0	1305	23	3263	420	1.11
HL981-01-24	1-1/2"	38.1	45.3	46.5	47.9	49.9	5.6	812	14	2030	500	1.43
HL981-01-28	1-3/4"	44.5	52.0	53.2	54.8	56.8	5.0	725	13	1813	580	1.62
HL981-01-32	2"	50.8	58.0	59.2	61.2	63.2	5.0	725	13	1813	630	1.85

MAIN FEATURES 主要性能

602相应的工作压力・耐温度范围大・抗臭氧性和抗紫外线性强・在恶劣气候下胶管性能使用卓越

Corresponding working pressure same with 602, large temperature range, strong ozone resistance and UV resistance, excellent performance in severe weather

执行标准：符合/超越 602一层钢丝编织橡胶软管

结　　构：软管由耐油合成橡胶内胶层，1层钢丝编织增强层，耐热、耐天候的蓝色合成橡胶外胶层组成。

1"（含1"）以下规格胶管外观为布纹面和光面，1"以上规格为布纹面。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮、塑胶轮等多种包装方式。

Meet / Exceed the standard 602: One steel wire braided rubber hydraulic hose

Construction: The hose consists of oil resistant synthetic rubber for inner tube, one layer of high tensile steel wire braided for reinforcement, and high temperature & weather resistant synthetic blue rubber for cover.

3/16" up to 1"(1" included)we could produce wrapped cover and smooth cover; Sizes above 1"(1" not included), we could only produce wrapped cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.



用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-55℃～+135℃.（空气：+100℃.水：+85℃）

最高温度：(间歇工作)+150℃

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -55℃～+135℃(Air:+100℃ Water:+85℃).

Max Temperature:(Intermittent)+150℃

注：客户如需极限类型的其它标准液压胶管，可与销售代表咨询。

NOTE: If the customer need any other type extreme series hydraulic hose, please contact our sales.



WELONE® HL981-02

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径		MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Min	Max						
	inch	mm	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL981-02-04	1/4"	6.4	12.2	13.2	15.3	16.7	60.0	8700	150	21750	100	0.43
HL981-02-05	5/16"	7.9	14.5	15.7	17.3	18.6	48.0	6960	120	17400	115	0.49
HL981-02-06	3/8"	9.5	16.6	17.8	19.4	20.8	40.0	5800	100	14500	125	0.59
HL981-02-08	1/2"	12.7	20.3	21.7	23.1	24.5	36.0	5220	90	13050	180	0.76
HL981-02-10	5/8"	15.9	23.4	24.6	26.1	27.5	32.0	4640	80	11600	205	0.84
HL981-02-12	3/4"	19.0	26.4	27.6	29.4	30.8	25.0	3625	63	9063	240	1.00
HL981-02-14	7/8"	22.2	29.2	30.4	32.3	33.7	22.0	3190	55	7975	280	1.10
HL981-02-16	1"	25.4	32.4	33.6	35.3	36.7	21.0	3045	53	7613	300	1.23
HL981-02-20	1-1/4"	31.8	40.0	41.2	42.5	44.5	17.0	2465	43	6163	420	1.54
HL981-02-24	1-1/2"	38.1	47.2	48.4	49.6	51.6	14.0	2030	35	5075	500	1.94
HL981-02-28	1-3/4"	44.5	53.9	55.1	56.6	58.6	9.0	1305	23	3263	580	2.20
HL981-02-32	2"	50.8	59.9	61.0	63.0	65.0	8.0	1160	20	2900	630	2.48

MAIN FEATURES 主要性能

602相应的工作压力・耐温度范围大・抗臭氧性和抗紫外线性强・在恶劣气候下胶管性能使用卓越

Corresponding working pressure same with 602, large temperature range, strong ozone resistance and UV resistance, excellent performance in severe weather

执行标准：符合/超越 602二层钢丝编织橡胶软管

结　　构：软管由耐油合成橡胶内胶层，2层钢丝编织增强层，耐热、耐天候的蓝色合成橡胶外胶层组成。

1”（含1”）以下规格胶管外观为布纹面和光面，1”以上规格为布纹面。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮、塑胶轮等多种包装方式。

Meet / Exceed the standard 602: Two steel wires braided rubber hydraulic hose

Construction: The hose consists of oil & temperature resistant synthetic rubber for inner tube, two layers of high tensile steel wire braided for reinforcement, and high temperature & weather resistant synthetic blue rubber for cover.

3/16" up to 1"(1" included)we could produce wrapped cover and smooth cover; Sizes above 1"(1" not included), we could only produce wrapped cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.



用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-55℃～+135℃.（空气：+100℃.水：+85℃）

最高温度：(间歇工作)+150℃

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -55℃～+135℃(Air:+100℃ Water:+85℃).

Max Temperature:(Intermittent)+150℃

注：客户如需极限类型的其它标准液压胶管，可与销售代表咨询。

NOTE: If the customer need any other type extreme series hydraulic hose, please contact our sales.



WELONE® HL982-01

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径		MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Min	Max						
	inch	mm	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL982-01-04	1/4"	6.4	14.0	14.5	15.0	17.2	32.0	8700	150	21750	100	0.56
HL982-01-05	5/16"	7.9	16.1	16.7	17.3	19.6	28.0	7250	125	18125	115	0.72
HL982-01-06	3/8"	9.5	18.4	19.0	19.6	21.8	26.0	6525	113	16313	125	0.82
HL982-01-08	1/2"	12.7	22.2	22.8	23.4	25.6	22.0	5800	100	14500	180	1.04
HL982-01-10	5/8"	15.9	25.2	25.8	26.4	29.0	17.0	5075	88	12688	205	1.20
HL982-01-12	3/4"	19.0	28.2	28.8	29.4	32.4	14.4	4060	70	10150	240	1.38
HL982-01-14	7/8"	22.2	31.0	31.6	32.2	34.8	13.0	3625	63	9063	280	1.51
HL982-01-16	1"	25.4	34.2	34.8	35.4	38.0	11.0	3480	60	8700	300	1.66
HL982-01-20	1-1/4"	31.8	41.8	42.4	43.0	45.2	9.0	2755	48	6888	420	2.01
HL982-01-24	1-1/2"	38.1	49.1	49.7	50.3	52.4	5.6	2175	38	5438	500	2.49
HL982-01-28	1-3/4"	44.5	55.8	56.4	57.0	59.4	5.0	2030	35	5075	580	2.81
HL982-01-32	2"	50.8	61.8	62.4	63.0	65.8	5.0	1740	30	4350	630	3.20

MAIN FEATURES 主要性能

602相应的工作压力・卓越耐磨性，磨耗测试是普通软管的5倍以上・通过了多种性能测试

Corresponding working pressure same with 602, excellent abrasion-resistance performance with 5 times more than the regular rubber hydraulic hoses, various performance tests passed

执行标准：符合/超越 602一层钢丝编织橡胶软管

结　　构：软管由耐油合成橡胶内胶层，1层钢丝编织增强层，耐磨、耐天候的黑色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+100℃.（空气：+70℃.
水：+85℃）

Meet / Exceed the standard 602: One steel wire braided rubber hydraulic hose

Construction: The hose consists of oi resistant synthetic rubber for inner tube, one layer of high tensile steel wire braided for reinforcement, and abrasion & weather resistant synthetic black rubber for cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃～+100℃(Air:+70℃, Water:+85℃).



注：如需定制外覆UPE超级耐磨系列，可与销售代表咨询。

NOTE: For customizing the super abrasion-resistance hose with UPE FILM covered, please contact our sales.



WELONE® HL982-02

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径		MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Min	Max						
	inch	mm		mm		mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL982-02-04	1/4"	6.4	12.2	13.2	15.3	16.7	60.0	8700	150	21750	100	0.43
HL982-02-05	5/16"	7.9	14.5	15.7	17.3	18.6	48.0	6960	120	17400	115	0.49
HL982-02-06	3/8"	9.5	16.6	17.8	19.4	20.8	40.0	5800	100	14500	125	0.59
HL982-02-08	1/2"	12.7	20.3	21.7	23.1	24.5	36.0	5220	90	13050	180	0.76
HL982-02-10	5/8"	15.9	23.4	24.6	26.1	27.5	32.0	4640	80	11600	205	0.84
HL982-02-12	3/4"	19.0	26.4	27.6	29.4	30.8	25.0	3625	63	9063	240	1.00
HL982-02-14	7/8"	22.2	29.2	30.4	32.3	33.7	22.0	3190	55	7975	280	1.10
HL982-02-16	1"	25.4	32.4	33.6	35.3	36.7	21.0	3045	53	7613	300	1.23
HL982-02-20	1-1/4"	31.8	40.0	41.2	42.5	44.5	17.0	2465	43	6163	420	1.54
HL982-02-24	1-1/2"	38.1	47.2	48.4	49.6	51.6	14.0	2030	35	5075	500	1.94
HL982-02-28	1-3/4"	44.5	53.9	55.1	56.6	58.6	9.0	1305	23	3263	580	2.20
HL982-02-32	2"	50.8	59.9	61.0	63.0	65.0	8.0	1160	20	2900	630	2.48

MAIN FEATURES 主要性能

602相应的工作压力・卓越耐磨性，磨耗测试是普通软管的5倍以上・通过了多种性能测试

Corresponding working pressure same with 602,excellent abrasion-resistance performance with 5 times more than the regular rubber hydraulic hoses, various performance tests passed

执行标准：符合/超越 602二层钢丝编织橡胶软管

结　　构：软管由耐油合成橡胶内胶层，2层钢丝编织增强层，耐磨、耐天候的黑色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+100℃.（空气：+70℃.水：+85℃）

Meet / Exceed the standard 602: Two steel wires braided rubber hydraulic hose

Construction: The hose consists of oil resistant synthetic rubber for inner tube, two layers of high tensile steel wire braided for reinforcement, and abrasion & weather resistant synthetic black rubber for cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃～+100℃(Air:+70℃, Water:+85℃).

注：如需定制外覆UPE超级耐磨系列，可与销售代表咨询。

NOTE: For customizing the super abrasion-resistance hose with UPE FILM covered, please contact our sales.





WELONE® HL983-01

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径	MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Max						
	inch	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL983-01-03	3/16″	4.8	9.0	10.0	12.5	25.0	3625	100	14500	90	0.20
HL983-01-04	1/4″	6.4	10.6	11.6	14.1	22.5	3263	90	13050	100	0.24
HL983-01-05	5/16″	7.9	12.1	13.3	15.7	21.5	3118	86	12470	115	0.27
HL983-01-06	3/8″	9.5	14.5	15.7	18.1	18.0	2610	72	10440	125	0.35
HL983-01-08	1/2″	12.7	17.5	19.1	21.5	16.0	2320	64	9280	180	0.45
HL983-01-10	5/8″	15.9	20.6	22.2	24.7	13.0	1885	52	7540	205	0.52
HL983-01-12	3/4″	19.0	24.6	26.2	28.6	10.5	1523	42	6090	240	0.67
HL983-01-16	1″	25.4	32.5	34.1	36.6	8.7	1262	35	5046	300	0.98
HL983-01-20	1-1/4″	31.8	39.3	41.7	44.8	6.2	899	25	3596	420	1.22
HL983-01-24	1-1/2″	38.1	45.6	48.0	52.1	5.0	725	20	2900	500	1.54
HL983-01-32	2″	50.8	58.7	61.7	65.9	4.0	580	16	2320	630	2.12

MAIN FEATURES 主要性能

EN/DIN相应的工作压力・耐温度范围大・抗臭氧性和抗紫外线性强・在恶劣气候下胶管性能使用卓越

Corresponding working pressure same with EN/DIN, large temperature range, strong ozone resistance and UV resistance, excellent performance in severe weather

执行标准：符合/超越 EN853 1SN、SAE100R1AT

结　　构：软管由耐油合成橡胶内胶层，1层钢丝编织增强层，耐热、耐天候的蓝色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-55℃～+135℃.（空气：+100℃.水：+85℃）

最高温度：(间歇工作)+150℃

Meet/Exceed the standard: EN853 1SN, SAE100R1AT

Construction: The hose consists of oil resistant synthetic rubber for inner tube, one layer of high tensile steel wire braided for reinforcement, and high temperature & weather resistant synthetic blue rubber for cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -55℃～+135℃(Air:+100℃ Water:+85℃).

Max Temperature:(Intermittent)+150℃

注：客户如需极限类型的其它标准液压胶管，可与销售代表咨询。

NOTE: If the customer need any other type extreme series hydraulic hose, please contact our sales.





WELONE® HL983-02

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径	MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Max						
	inch	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL983-02-03	3/16″	4.8	10.6	11.6	14.1	41.5	6018	166	24070	90	0.34
HL983-02-04	1/4″	6.4	12.1	13.3	15.7	40.0	5800	160	23200	100	0.37
HL983-02-05	5/16″	7.9	13.7	14.9	17.3	35.0	5075	140	20300	115	0.42
HL983-02-06	3/8″	9.5	16.1	17.3	19.7	33.0	4785	132	19140	125	0.56
HL983-02-08	1/2″	12.7	19.0	20.6	23.0	27.5	3988	110	15950	180	0.64
HL983-02-10	5/8″	15.9	22.2	23.8	26.2	25.0	3625	100	14500	205	0.77
HL983-02-12	3/4″	19.0	26.2	27.8	30.1	21.5	3118	86	12470	240	0.94
HL983-02-16	1″	25.4	34.1	35.7	38.9	16.5	2393	66	9570	300	1.43
HL983-02-20	1-1/4″	31.8	43.3	45.7	49.5	12.5	1813	50	7250	420	1.93
HL983-02-24	1-1/2″	38.1	49.6	52.0	55.9	9.0	1305	36	5220	500	2.32
HL983-02-32	2″	50.8	62.3	64.7	68.6	8.0	1160	32	4640	630	2.99

MAIN FEATURES 主要性能

EN/DIN相应的工作压力・耐温度范围大・抗臭氧性和抗紫外线性强・在恶劣气候下胶管性能使用卓越

Corresponding working pressure same with EN/DIN, large temperature range, strong ozone resistance and UV resistance, excellent performance in severe weather

执行标准：符合/超越 EN853 2SN、SAE100R2AT

结　　构：软管由耐油合成橡胶内胶层、2层钢丝编织增强层、耐热、耐天候的蓝色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-55℃～+135℃.（空气：+100℃.水：+85℃）

最高温度：(间歇工作)+150℃

Meet/Exceed the standard: EN853 2SN, SAE100R2AT

Construction: The hose consists of oil resistant synthetic rubber for inner tube, two layers of high tensile steel wire braided for reinforcement, and high temperature & weather resistant synthetic blue rubber for cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -55℃～+135℃(Air:+100℃ Water:+85℃).

Max Temperature:(Intermittent)+150℃

注：客户如需极限类型的其它标准液压胶管，可与销售代表咨询。

NOTE: If the customer need any other type extreme series hydraulic hose, please contact our sales.





WELONE® HL984-01

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径	MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Max						
	inch	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL984-01-03	3/16″	4.8	9.0	10.0	12.5	25.0	3625	100	14500	90	0.20
HL984-01-04	1/4″	6.4	10.6	11.6	14.1	22.5	3263	90	13050	100	0.24
HL984-01-05	5/16″	7.9	12.1	13.3	15.7	21.5	3118	86	12470	115	0.27
HL984-01-06	3/8″	9.5	14.5	15.7	18.1	18.0	2610	72	10440	125	0.35
HL984-01-08	1/2″	12.7	17.5	19.1	21.5	16.0	2320	64	9280	180	0.45
HL984-01-10	5/8″	15.9	20.6	22.2	24.7	13.0	1885	52	7540	205	0.52
HL984-01-12	3/4″	19.0	24.6	26.2	28.6	10.5	1523	42	6090	240	0.67
HL984-01-16	1″	25.4	32.5	34.1	36.6	8.7	1262	35	5046	300	0.98
HL984-01-20	1-1/4″	31.8	39.3	41.7	44.8	6.2	899	25	3596	420	1.22
HL984-01-24	1-1/2″	38.1	45.6	48.0	52.1	5.0	725	20	2900	500	1.54
HL984-01-32	2″	50.8	58.7	61.7	65.9	4.0	580	16	2320	630	2.12

MAIN FEATURES 主要性能

EN/DIN相应的工作压力・卓越耐磨性，磨耗测试是普通软管的5倍以上・通过了多种性能测试

Corresponding working pressure same with EN/DIN,excellent abrasion-resistance, 5 times more than the regular rubber hydraulic hoses, various performance tests passed

执行标准：符合/超越 EN853 1SN、SAE100 R1AT

结　　构：软管由耐油合成橡胶内胶层、1层钢丝编织增强层、耐磨、耐天候的黑色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+100℃.（空气：+70℃.水：+85℃）

Meet/Exceed the standard: EN853 1SN、SAE100R1AT

Construction: The hose consists of oil resistant synthetic rubber for inner tube, one layer of high tensile steel wire braided for reinforcement, and abrasion & weather resistant synthetic black rubber for cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃～+100℃(Air:+70℃, Water:+85℃).

注：如需定制外覆UPE超级耐磨系列，可与销售代表咨询。

NOTE: For customizing the super abrasion-resistance hose with UPE FILM covered, please contact our sales.





WELONE® HL984-02

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径	MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Max						
	inch	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL984-02-03	3/16″	4.8	10.6	11.6	14.1	41.5	6018	166	24070	90	0.34
HL984-02-04	1/4″	6.4	12.1	13.3	15.7	40.0	5800	160	23200	100	0.37
HL984-02-05	5/16″	7.9	13.7	14.9	17.3	35.0	5075	140	20300	115	0.42
HL984-02-06	3/8″	9.5	16.1	17.3	19.7	33.0	4785	132	19140	125	0.56
HL984-02-08	1/2″	12.7	19.0	20.6	23.0	27.5	3988	110	15950	180	0.64
HL984-02-10	5/8″	15.9	22.2	23.8	26.2	25.0	3625	100	14500	205	0.77
HL984-02-12	3/4″	19.0	26.2	27.8	30.1	21.5	3118	86	12470	240	0.94
HL984-02-16	1″	25.4	34.1	35.7	38.9	16.5	2393	66	9570	300	1.43
HL984-02-20	1-1/4″	31.8	43.3	45.7	49.5	12.5	1813	50	7250	420	1.93
HL984-02-24	1-1/2″	38.1	49.6	52.0	55.9	9.0	1305	36	5220	500	2.32
HL984-02-32	2″	50.8	62.3	64.7	68.6	8.0	1160	32	4640	630	2.99

MAIN FEATURES 主要性能

EN/DIN相应的工作压力・卓越耐磨性，磨耗测试是普通软管的5倍以上・通过了多种性能测试

Corresponding working pressure same with EN/DIN,excellent abrasion-resistance, 5 times more than the regular rubber hydraulic hoses, various performance tests passed

执行标准：符合/超越 EN853 2SN、SAE100 R2AT

结　　构：软管由耐油合成橡胶内胶层、2层钢丝编织增强层、耐磨、耐天候的黑色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+100℃.（空气：+70℃.水：+85℃）

Meet/Exceed the standard: EN853 2SN, SAE100R2AT

Construction: The hose consists of oil resistant synthetic rubber for inner tube, two layers of high tensile steel wire braided for reinforcement, and abrasion & weather resistant synthetic bl rubber for cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃～+100℃(Air:+70℃, Water:+85℃).

注：如需定制外覆UPE超级耐磨系列，可与销售代表咨询。

NOTE: For customizing the super abrasion-resistance hose with UPE FILM covered, please contact our sales.





WELONE® HL985-01

Part No. 零件号	I.D. 软管内径		O.D 软管外径		MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max						
	inch	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL985-01-04	3/16″	4.8	12.7	13.7	21.0	3045	84	12180	75	0.23
HL985-01-05	1/4″	6.4	14.3	15.3	21.0	3045	84	12180	85	0.28
HL985-01-06	5/16″	7.9	16.7	17.6	15.7	2277	63	9106	100	0.36
HL985-01-08	13/32″	10.4	18.9	20.0	14.0	2030	56	8120	115	0.44
HL985-01-10	1/2″	12.7	22.8	24.0	12.2	1769	49	7076	140	0.60
HL985-01-12	5/8″	15.9	26.8	28.0	10.5	1523	42	6090	165	0.77
HL985-01-16	7/8″	22.2	30.6	32.2	5.6	812	22	3248	185	0.71
HL985-01-20	1-1/8″	28.6	37.3	38.9	4.3	624	17	2494	230	0.70
HL985-01-24	1-3/8″	35.0	43.7	45.2	3.5	508	14	2030	265	0.85
HL985-01-32	1-13/16″	46.0	55.2	57.6	2.4	348	10	1392	335	1.20

MAIN FEATURES 主要性能

耐温度范围大・抗臭氧性和抗紫外线性强・在恶劣气候下胶管性能使用卓越

Large temperature range, strong ozone resistance and UV resistance, excellent performance in severe weather

执行标准：符合/超越SAE J517 100R5

结　　构：软管由耐油、耐热合成橡胶内胶层、1层钢丝编织增强层、外覆耐热蓝色纤维层组成。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

Meet/Exceed the Standard: SAE J517 100R5

Construction: The hose consists of oil & temperature resistant synthetic rubber for inner tube, one layer of high tensile steel wire braided reinforcement, and one layer of blue textile braid with high temperature resistance cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

用　　途：适用于石油基或水基液压流体。

温度范围：-55℃～+135℃.（空气：+100℃.
水：+85℃）

最高温度：(间歇工作)+150℃

Application: Suitable for water and petroleum-based hydraulic fluids .

Temperature range: -55℃～+135℃(Air:+100℃ Water:+85℃).

Max Temperature: (Intermittent)+150℃

注：客户如需极限类型的其它标准液压胶管，可与销售代表咨询。

NOTE: If the customer need any other type extreme series hydraulic hose, please contact our sales.



WELONE® HL986-01

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径	MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Max						
	inch	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL986-01-04	1/4″	6.4	9.6	10.8	13.5	22.5	3263	90	13050	75	0.20
HL986-01-05	5/16″	7.9	10.9	12.1	14.5	21.5	3118	86	12470	85	0.22
HL986-01-06	3/8″	9.5	12.7	14.5	16.9	18.0	2610	72	10440	90	0.27
HL986-01-08	1/2″	12.7	15.9	18.1	20.4	16.0	2320	64	9280	130	0.33
HL986-01-10	5/8″	15.9	19.8	21.0	23.0	13.0	1885	52	7540	150	0.44
HL986-01-12	3/4″	19.0	23.2	24.4	26.7	10.5	1523	42	6090	180	0.52
HL986-01-16	1″	25.4	30.7	31.9	34.9	8.8	1276	35	5104	230	0.82

MAIN FEATURES 主要性能

EN/DIN相应的工作压力・耐温度范围大・抗臭氧性和抗紫外线性强・在恶劣气候下胶管性能使用卓越

Corresponding working pressure same with EN/DIN, large temperature range, strong ozone resistance and UV resistance, excellent performance in severe weather

执行标准：符合/超越EN857 1SC

结　　构：软管由耐油合成橡胶内胶层、1层钢丝编织增强层、耐天候蓝色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

Meet/Exceed the Standard: EN 857 1SC

Construction: The hose consists of oil resistant synthetic rubber for inner tube, one layer of high tensile steel wire braided for reinforcement, and weather resistant synthetic blue rubber for cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.



用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-55℃～+135℃.（空气：+100℃.水：+85℃）

最高温度：(间歇工作)+150℃

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -55℃～+135℃(Air:+100℃ Water:+85℃).

Max Temperature:(Intermittent)+150℃

注：客户如需极限类型的其它标准液压胶管，可与销售代表咨询。

NOTE: If the customer need any other type extreme series hydraulic hose, please contact our sales.



WELONE® HL986-02

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径	MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Max						
	inch	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL986-02-04	1/4″	6.4	10.6	11.7	14.2	40.0	5800	160	23200	75	0.29
HL986-02-05	5/16″	7.9	12.1	13.3	16.0	35.0	5075	140	20300	85	0.35
HL986-02-06	3/8″	9.5	14.4	15.6	18.3	33.0	4785	132	19140	90	0.39
HL986-02-08	1/2″	12.7	17.5	19.1	21.5	27.5	3988	110	15950	130	0.58
HL986-02-10	5/8″	15.9	20.5	22.3	24.7	25.0	3625	100	14500	170	0.65
HL986-02-12	3/4″	19.0	24.6	26.4	28.6	21.5	3118	86	12470	200	0.85
HL986-02-16	1″	25.4	32.5	34.3	36.6	16.5	2393	66	9570	250	1.12

MAIN FEATURES 主要性能

EN/DIN相应的工作压力・耐温度范围大・抗臭氧性和抗紫外线性强・在恶劣气候下胶管性能使用卓越

Corresponding working pressure same with EN/DIN, large temperature range, strong ozone resistance and UV resistance, excellent performance in severe weather

执行标准：符合/超越EN857 2SC

结　　构：软管由耐油合成橡胶内胶层、2层钢丝编织增强层、耐天候蓝色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-55℃～+135℃.（空气：+100℃.水：+85℃）

最高温度：(间歇工作)+150℃

Meet/Exceed the Standard: EN 857 2SC

Construction: The hose consists of oil resistant synthetic rubber for inner tube, two layers of high tensile steel wire braided for reinforcement, and weather resistant synthetic blue rubber for cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -55℃～+135℃(Air:+100℃ Water:+85℃).

Max Temperature:(Intermittent)+150℃

注：客户如需极限类型的其它标准液压胶管，可与销售代表咨询。

NOTE: If the customer need any other type extreme series hydraulic hose, please contact our sales.





WELONE® HL987-01

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径	MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Max						
	inch	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL987-01-04	1/4″	6.4	9.6	10.8	13.5	22.5	3263	90	13050	75	0.20
HL987-01-05	5/16″	7.9	10.9	12.1	14.5	21.5	3118	86	12470	85	0.22
HL987-01-06	3/8″	9.5	12.7	14.5	16.9	18.0	2610	72	10440	90	0.27
HL987-01-08	1/2″	12.7	15.9	18.1	20.4	16.0	2320	64	9280	130	0.33
HL987-01-10	5/8″	15.9	19.8	21.0	23.0	13.0	1885	52	7540	150	0.44
HL987-01-12	3/4″	19.0	23.2	24.4	26.7	10.5	1523	42	6090	180	0.52
HL987-01-16	1″	25.4	30.7	31.9	34.9	8.8	1276	35	5104	230	0.82

MAIN FEATURES 主要性能

EN/DIN相应的工作压力・卓越耐磨性，磨耗测试是普通软管的5倍以上・通过了多种性能测试

Corresponding working pressure same with EN/DIN,excellent abrasion-resistance, 5 times more than the regular rubber hydraulic hoses, various performance tests passed

执行标准：符合/超越EN857 1SC

结　　构：软管由耐油合成橡胶内胶层、1层钢丝编织增强层、耐磨、耐天候黑色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+100℃.（空气：+70℃.水：+85℃）

Meet/Exceed the Standard: EN857 1SC

Construction: The hose consists of oil resistant synthetic rubber for inner tube, one layer of high tensile steel wire braided for reinforcement, and abrasion & weather resistant synthetic black rubber for cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃～+100℃(Air:+70℃, Water:+85℃).

注：如需定制外覆UPE超级耐磨系列，可与销售代表咨询。

NOTE: For customizing the super abrasion-resistance hose with UPE FILM covered, please contact our sales.





WELONE® HL987-02

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径	MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Max						
	inch	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL987-02-04	1/4″	6.4	10.6	11.7	14.2	40.0	5800	160	23200	75	0.29
HL987-02-05	5/16″	7.9	12.1	13.3	16.0	35.0	5075	140	20300	85	0.35
HL987-02-06	3/8″	9.5	14.4	15.6	18.3	33.0	4785	132	19140	90	0.39
HL987-02-08	1/2″	12.7	17.5	19.1	21.5	27.5	3988	110	15950	130	0.58
HL987-02-10	5/8″	15.9	20.5	22.3	24.7	25.0	3625	100	14500	170	0.65
HL987-02-12	3/4″	19.0	24.6	26.4	28.6	21.5	3118	86	12470	200	0.85
HL987-02-16	1″	25.4	32.5	34.3	36.6	16.5	2393	66	9570	250	1.12

MAIN FEATURES 主要性能

EN/DIN相应的工作压力・卓越耐磨性，磨耗测试是普通软管的5倍以上・通过了多种性能测试

Corresponding working pressure same with EN/DIN,excellent abrasion-resistance, 5 times more than the regular rubber hydraulic hoses, various performance tests passed

执行标准：符合/超越EN857 2SC

结　　构：软管由耐油合成橡胶内胶层、2层钢丝编织增强层、耐磨、耐天候黑色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+100℃.（空气：+70℃.水：+85℃）

Meet/Exceed the Standard: EN857 2SC

Construction: The hose consists of oil resistant synthetic rubber for inner tube, two layers of high tensile steel wire braided for reinforcement, and abrasion & weather resistant synthetic black rubber for cover.

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃～+100℃(Air:+70℃, Water:+85℃).

注：如需定制外覆UPE超级耐磨系列，可与销售代表咨询。

NOTE: For customizing the super abrasion-resistance hose with UPE FILM covered, please contact our sales.





WELONE® HL988-04

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径		MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Min	Max						
	inch	mm	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL988-04-04	1/4"	6.4	14.1	15.3	17.1	18.7	45.0	6525	203	29363	150	0.59
HL988-04-05	5/16"	7.9	15.6	17.2	18.6	20.2	45.0	6525	203	29363	150	0.67
HL988-04-06	3/8"	9.5	16.9	18.1	20.6	22.2	44.5	6453	200	29036	180	0.76
HL988-04-08	1/2"	12.7	19.4	21.0	23.8	25.4	41.5	6018	187	27079	230	0.87
HL988-04-10	5/8"	15.9	23.0	24.6	27.4	29.0	35.0	5075	158	22838	250	1.00
HL988-04-12	3/4"	19.0	27.4	29.0	31.4	33.0	35.0	5075	158	22838	300	1.48
HL988-04-14	7/8"	22.2	31.2	32.8	34.8	36.4	35.0	5075	158	22838	300	1.88
HL988-04-16	1"	25.4	34.5	36.1	38.5	40.9	28.0	4060	126	18270	340	2.04
HL988-04-20	1-1/4"	31.8	45.0	47.0	49.2	52.4	21.0	3045	95	13703	460	3.18
HL988-04-24	1-1/2"	38.1	51.4	53.4	55.6	58.8	18.5	2683	83	12071	560	3.81
HL988-04-32	2"	50.8	64.3	66.3	68.2	71.4	16.5	2393	74	10766	660	5.01

MAIN FEATURES 主要性能

4SP相应的工作压力・耐温度范围大・抗臭氧性和抗紫外线性强・在恶劣气候下胶管性能使用卓越

Corresponding working pressure same with 4SP, large temperature range, strong ozone resistance and UV resistance, excellent performance in severe weather

执行标准：符合/超越EN856 4SP

结　　构：软管由耐油合成橡胶内胶层、4层钢丝缠绕增强层、耐天候蓝色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、矿用产品安全标志认证、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

Meet/Exceed the Standard: EN856 4SP

Construction: The hose consists of oil resistant synthetic rubber for inner tube, four layers of high tensile steel wire spiral for reinforcement, and weather resistant synthetic blue rubber for cover.

Certificate: MSHA IC-330/1, Safety Certificate Approval for Mining Products, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.



用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-55℃～+135℃.（空气：+100℃.水：+85℃）

最高温度：(间歇工作)+150℃

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -55℃～+135℃(Air:+100℃ Water:+85℃).

Max Temperature: (Intermittent)+150℃

注：客户如需极限类型的其它标准液压胶管，可与销售代表咨询。

NOTE: If the customer need any other type extreme series hydraulic hose, please contact our sales.



WELONE® HL989-04

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径		MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Min	Max						
	inch	mm	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL989-04-04	1/4"	6.4	14.1	15.3	17.1	18.7	45.0	6525	203	29363	150	0.59
HL989-04-05	5/16"	7.9	15.6	17.2	18.6	20.2	45.0	6525	203	29363	150	0.67
HL989-04-06	3/8"	9.5	16.9	18.1	20.6	22.2	44.5	6453	200	29036	180	0.76
HL989-04-08	1/2"	12.7	19.4	21.0	23.8	25.4	41.5	6018	187	27079	230	0.87
HL989-04-10	5/8"	15.9	23.0	24.6	27.4	29.0	35.0	5075	158	22838	250	1.00
HL989-04-12	3/4"	19.0	27.4	29.0	31.4	33.0	35.0	5075	158	22838	300	1.48
HL989-04-14	7/8"	22.2	31.2	32.8	34.8	36.4	35.0	5075	158	22838	300	1.88
HL989-04-16	1"	25.4	34.5	36.1	38.5	40.9	28.0	4060	126	18270	340	2.04
HL989-04-20	1-1/4"	31.8	45.0	47.0	49.2	52.4	21.0	3045	95	13703	460	3.18
HL989-04-24	1-1/2"	38.1	51.4	53.4	55.6	58.8	18.5	2683	83	12071	560	3.81
HL989-04-32	2"	50.8	64.3	66.3	68.2	71.4	16.5	2393	74	10766	660	5.01

MAIN FEATURES 主要性能

4SP相应的工作压力・卓越耐磨性，磨耗测试是普通软管的5倍以上・通过了多种性能测试

Corresponding to 4SP working pressure, Excellent wear-resistance more than 5 times that of general hose, Multiply performance tests passed.

执行标准：符合/超越EN856 4SP

结　　构：软管由耐油合成橡胶内胶层、4层钢丝缠绕增强层、耐磨、耐天候黑色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、矿用产品安全标志认证、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+100℃.（空气：+70℃.水：+85℃）

Meet/Exceed the Standard: EN856 4SP

Construction: The hose consists of oil resistant synthetic rubber for inner tube, four layers of high tensile steel wire spiral for reinforcement, and abrasion & weather resistant synthetic black rubber for cover.

Certificate: MSHA IC-330/1, Safety Certificate Approval for Mining Products, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃～+100℃(Air:+70℃, Water:+85℃).

注：如需定制外覆UPE超级耐磨系列，可与销售代表咨询。

NOTE: For customizing the super abrasion-resistance hose with UPE FILM covered, please contact our sales.





WELONE® HL990-04

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径		MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Min	Max						
	inch	mm	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL990-04-12	3/4"	19.0	27.6	29.2	31.4	33.0	42.0	6090	168	24360	280	1.48
HL990-04-14	7/8"	22.2	31.2	32.8	34.8	36.4	38.0	5510	152	22040	340	1.85
HL990-04-16	1"	25.4	34.4	36.0	37.5	39.9	38.0	5510	152	22040	340	2.03
HL990-04-20	1-1/4"	31.8	40.9	42.9	43.9	47.1	32.5	4713	130	18850	460	2.45
HL990-04-24	1-1/2"	38.1	47.8	49.8	51.9	55.1	29.0	4205	116	16820	560	2.97
HL990-04-32	2"	50.8	62.2	64.2	66.5	69.7	25.0	3625	100	14500	700	4.50

MAIN FEATURES 主要性能

4SH相应的工作压力・耐温度范围大・抗臭氧性和抗紫外线性强・在恶劣气候下胶管性能使用卓越

Corresponding working pressure same with 4SH, large temperature range, strong ozone resistance and UV resistance, excellent performance of the hose in severe weather

执行标准：符合/超越EN856 4SH

结　　构：软管由耐油合成橡胶内胶层、4层钢丝缠绕增强层、耐天候蓝色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、矿用产品安全标志认证、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

Meet/Exceed the Standard: EN856 4SH

Construction: The hose consists of oil resistant synthetic rubber for inner tube, four layers of high tensile steel wire spiral for reinforcement, and weather resistant synthetic blue rubber for cover.

Certificate: MSHA IC-330/1, Safety Certificate Approval for Mining Products, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.



用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-55℃～+135℃.（空气：+100℃.水：+85℃）

最高温度：(间歇工作)+150℃

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -55℃～+135℃(Air:+100℃ Water:+85℃).

Max Temperature:(Intermittent)+150℃

注：客户如需极限类型的其它标准液压胶管，可与销售代表咨询。

NOTE: If the customer need any other type extreme series hydraulic hose, please contact our sales.



WELONE® HL991-04

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径		O.D 软管外径		MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max	Min	Max						
	inch	mm	mm	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL991-04-12	3/4″	19.0	27.6	29.2	31.4	33.0	42.0	6090	168	24360	280	1.48
HL991-04-14	7/8″	22.2	31.2	32.8	34.8	36.4	38.0	5510	152	22040	340	1.85
HL991-04-16	1″	25.4	34.4	36.0	37.5	39.9	38.0	5510	152	22040	340	2.03
HL991-04-20	1-1/4″	31.8	40.9	42.9	43.9	47.1	32.5	4713	130	18850	460	2.45
HL991-04-24	1-1/2″	38.1	47.8	49.8	51.9	55.1	29.0	4205	116	16820	560	2.97
HL991-04-32	2″	50.8	62.2	64.2	66.5	69.7	25.0	3625	100	14500	700	4.50

MAIN FEATURES 主要性能

4SH相应的工作压力・卓越耐磨性，磨耗测试是普通软管的5倍以上・通过了多种性能测试

Corresponding working pressure same with 4SH, excellent abrasion-resistance with 5 times more than the regular rubber hydraulic hoses, various performance tests passed

执行标准：符合/超越EN856 4SH

结　　构：软管由耐油合成橡胶内胶层、4层钢丝缠绕增强层、耐磨、耐天候黑色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、矿用产品安全标志认证、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+100℃.（空气：+70℃.水：+85℃）

Meet/Exceed the Standard: EN856 4SH

Construction: The hose consists of oil resistant synthetic rubber for inner tube, four layers of high tensile steel wire spiral for reinforcement, and abrasion & weather resistant synthetic black rubber for cover.

Certificate: MSHA IC-330/1, Safety Certificate Approval for Mining Products, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃～+100℃(Air:+70℃, Water:+85℃).

注：如需定制外覆UPE超级耐磨系列，可与销售代表咨询。

NOTE: For customizing the super abrasion-resistance hose with UPE FILM covered, please contact our sales.





WELONE® HL992-04

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径 Max	O.D 软管外径 Max	MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
	inch	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL992-04-06	3/8″	9.5	20.3	23.3	42.0	6090	189	27405	150	0.76
HL992-04-08	1/2″	12.7	24.0	26.8	42.0	6090	189	27405	200	0.85
HL992-04-10	5/8″	15.9	26.0	28.8	42.0	6090	189	27405	230	1.05
HL992-04-12	3/4″	19.0	32.9	36.1	42.0	6090	189	27405	265	1.64
HL992-04-16	1″	25.4	38.9	42.9	42.0	6090	189	27405	330	2.23
HL992-06-20	1-1/4″	31.8	48.4	51.5	42.0	6090	189	27405	445	4.16
HL992-06-24	1-1/2″	38.1	56.3	59.6	42.0	6090	189	27405	530	5.12
HL992-06-32	2″	50.8	69.4	72.9	42.0	6090	189	27405	630	6.54

MAIN FEATURES 主要性能

SAE 100R15相应的工作压力・耐温度范围大・抗臭氧性和抗紫外线性强・在恶劣气候下胶管性能使用卓越

Corresponding working pressure same with SAE100R15, large temperature range, strong ozone resistance and UV resistance, excellent performance in severe weather

执行标准：符合/超越SAE J517 100R15

结　　构：软管由耐油合成橡胶内胶层、4层或6层钢丝缠绕增强层、耐天候蓝色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、矿用产品安全标志认证、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

Meet/Exceed the Standard: SAE J517 100R15

Construction: The hose consists of oil resistant synthetic rubber for inner tube, four or six layers of high tensile steel wire spiral for reinforcement, and weather resistant synthetic blue rubber for cover.

Certificate: MSHA IC-330/1, Safety Certificate Approval for Mining Products, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.



用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-55℃～+135℃.（空气：+100℃.水：+85℃）

最高温度：(间歇工作)+150℃

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -55℃～+135℃(Air:+100℃ Water:+85℃).

Max Temperature:(Intermittent)+150℃

WELONE® HL992-06



注：客户如需极限类型的其它标准液压胶管，可与销售代表咨询。

NOTE: If the customer need any other type extreme series hydraulic hose, please contact our sales.



WELONE® HL993-04

Part No. 零件号	I.D. 软管内径		R.O.D 增强层外径 Max	O.D 软管外径 Max	bar MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	kg WEIGHT 参考重量
	inch	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL993-04-06	3/8″	9.5	20.3	23.3	42.0	6090	189	27405	150	0.76
HL993-04-08	1/2″	12.7	24.0	26.8	42.0	6090	189	27405	200	0.85
HL993-04-10	5/8″	15.9	26.0	28.8	42.0	6090	189	27405	230	1.05
HL993-04-12	3/4″	19.0	32.9	36.1	42.0	6090	189	27405	265	1.64
HL993-04-16	1″	25.4	38.9	42.9	42.0	6090	189	27405	330	2.23
HL993-06-20	1-1/4″	31.8	48.4	51.5	42.0	6090	189	27405	445	4.16
HL993-06-24	1-1/2″	38.1	56.3	59.6	42.0	6090	189	27405	530	5.12
HL993-06-32	2″	50.8	69.4	72.9	42.0	6090	189	27405	630	6.54

MAIN FEATURES 主要性能

R15相应的工作压力・卓越耐磨性，磨耗测试是普通软管的5倍以上・通过了多种性能测试

Corresponding working pressure same with SAE100 R15, excellent abrasion-resistance with 5 times more than the regular rubber hydraulic hoses, various performance tests passed

执行标准：符合/超越SAE J517 100R15

结　　构：软管由耐油合成橡胶内胶层、4层或6层钢丝缠绕增强层、耐磨、耐天候黑色合成橡胶外胶层组成。

通过认证：MSHA IC-330/1、矿用产品安全标志认证、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

Meet/Exceed the Standard: SAE J517 100R15

Construction: The hose consists of oil resistant synthetic rubber for inner tube, four or six layers of high tensile steel wire spiral for reinforcement, and abrasion & weather resistant synthetic black rubber for cover.

Certificate: MSHA IC-330/1, Safety Certificate Approval for Mining Products, ISO9001, IATF16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.



用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+121℃.（空气：+70℃.水：+85℃）

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃～+121℃(Air:+70℃, Water:+85℃).

WELONE® HL993-06



注：如需定制外覆UPE超级耐磨系列，可与销售代表咨询。

NOTE: For customizing the super abrasion-resistance hose with UPE FILM covered, please contact our sales.



WELONE® HL994-01

Part No. 零件号	I.D. 软管内径		O.D 软管外径		MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max						
	inch	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL994-01-04	1/4″	6.3	12.0	13.4	2.4	350	10	1400	76	0.13
HL994-01-05	5/16″	7.9	13.9	15.5	2.4	350	10	1400	76	0.15
HL994-01-06	3/8″	9.5	15.8	17.3	2.4	350	10	1400	76	0.22
HL994-01-08	1/2″	12.7	19.0	20.6	2.1	300	8	1200	127	0.26
HL994-01-10	5/8″	15.9	22.5	24.1	2.1	300	8	1200	152	0.35
HL994-01-12	3/4″	19.1	25.5	27.1	2.1	300	8	1200	177	0.37
HL994-01-16	1″	25.4	32.0	35.0	1.4	200	6	800	254	0.66

MAIN FEATURES 主要性能

多用途自锁免扣式软管适用于工业设备水冷冷却系统及气动系统・胶管外观为光面・有超强的柔软性・耐天候是普通软管的5倍以上

PUSH-LOCK Multi-Purpose industrial hose suitable for water-cooling systems and pneumatic systems of industrial equipment, with smooth cover, super strong flexibility, and excellent weather resistance with 5 times more than the regular hose

结　　构：软管由合成橡胶内胶层、一层纤维编织增强层、合成橡胶外胶层组成。

1”（含1”）以下规格胶管外观为布纹面和光面，1"以上规格为布纹面。

外胶层多种颜色可选：黑色=BLK、蓝色=BLU、红色=RED、绿色=GRN、 灰色=GRA、白色=WHT、黄色=YEL

通过认证：MSHA IC-330/1, ISO9001, IATF 16949 认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮等多种包装方式。

Construction: The hose consists of synthetic inner rubber, one layer of fiber/textile for reinforcement, and synthetic cover rubber.

3/16" up to 1"(1" included)we could produce wrapped cover and smooth cover; Sizes above 1"(1" not included), we could only produce wrapped cover.

Cover rubbr color: BLACK=BLK, BLUE=BLU, RED=RED, GREEN=GRN, GRAY=GRA, WHITE=WHT, YELLOW=YEL

Certificate: MSHA IC-330/1, ISO9001, IATF 16949 etc.

Packaging: Carton cases, plastic or wooden reels, etc.



使用介质：空气，水，水乙二醇，油水乳化液，防冻剂，润滑油和石油基液压油。用于压缩空气时，软管需针刺。

软管绝缘：R>10^8Ω/m

温度范围：-40℃～+100℃.（空气：+70℃. 水：+85℃）

Application: air, water, water glycol, oil-water emulsion, antifreeze, lubricating oil, and petroleum based hydraulic oil, and pin-prick needed when the hoses are used for compressed air.

Insulation: R> 10^8Ω/m

Temperature range: -40℃～+100℃(Air:+70℃, Water:+85℃).

注：客户如需阻燃及其它性能要求，需要特殊订制，可与销售代表咨询。

NOTE: If the customer need hose with flame resistance and other performance, please contact our sales.



WELONE® HL995-01

Part No. 零件号	I.D. 软管内径		O.D 软管外径		MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max						
	inch	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL995-01-03	3/16″	4.8	10.0	11.6	3.5	508	14	2030	35	0.11
HL995-01-04	1/4″	6.4	11.6	13.2	3.0	435	12	1740	45	0.13
HL995-01-05	5/16″	7.9	13.1	14.7	3.0	435	12	1740	65	0.14
HL995-01-06	3/8″	9.5	14.7	16.3	3.0	435	12	1740	75	0.18
HL995-01-08	1/2″	12.7	17.7	19.7	3.0	435	12	1740	90	0.25
HL995-01-10	5/8″	15.9	21.9	23.9	3.0	435	12	1740	115	0.32

MAIN FEATURES 主要性能

EN854 1TE相应的工作压力・柔韧性好・广泛的液体介质相容性・在恶劣气候下胶管性能使用卓越

Corresponding to EN854 1TE working pressure, excellent flexibility, wide compatibility with liquid medium, excellent performance in severe weather conditions

执行标准：符合/超越EN854 1TE

结　　构：软管由耐油合成橡胶内胶层、一层纤维编织增强层、耐天候黑色合成橡胶外胶层组成。

1”（含1”）以下规格胶管外观为布纹面和光面，1"以上规格为布纹面。

通过认证：MSHA IC-330/1，ISO9001，IATF 16949 认证等证书

包装方式：可根据客户需求，定制纸箱、木轮、塑胶轮等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+100℃.（空气：+70℃.水：+85℃）

Meet/Exceed the Standard: EN854 1TE

Construction: The hose consists of oil resistant synthetic rubber for inner tube, one layer of textile braided for reinforcement, and weather resistant synthetic black rubber for cover.

3/16" up to 1"(1" included)we could produce wrapped cover and smooth cover; Sizes above 1"(1" not included), we could only produce wrapped cover.

Certificate: MSHA IC-330/1, ISO9001, IATF 16949, etc.

Packaging: Carton cases, plastic or wooden reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃～+100℃(Air:+70℃, Water:+85℃).

注：客户如需阻燃及其它性能要求，需要特殊订制，可与销售代表咨询。

NOTE: If the customer need hose with flame resistance and other performance, please contact our sales.





WELONE® HL995-02

Part No. 零件号	I.D. 软管内径		O.D 软管外径		MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径	WEIGHT 参考重量
			Min	Max						
	inch	mm	mm	mm	Mpa	psi	Mpa	psi	mm	Kg/m
HL995-02-03	3/16″	4.8	11.0	12.6	8.0	1160	32	4640	35	0.12
HL995-02-04	1/4″	6.4	12.6	14.2	7.5	1088	30	4350	40	0.15
HL995-02-05	5/16″	7.9	14.1	15.7	6.8	986	27	3944	50	0.19
HL995-02-06	3/8″	9.5	15.7	17.3	6.3	914	25	3654	60	0.22
HL995-02-08	1/2″	12.7	18.7	20.7	5.8	841	23	3364	70	0.28
HL995-02-10	5/8″	15.9	22.9	24.9	5.0	725	20	2900	90	0.35
HL995-02-12	3/4″	19.0	26.0	28.0	4.5	653	18	2610	110	0.41
HL995-02-16	1″	25.4	32.9	35.9	4.0	580	16	2320	150	0.59

MAIN FEATURES 主要性能

EN854 2TE相应的工作压力・柔韧性好・广泛的液体介质相容性・在恶劣气候下胶管性能使用卓越

Corresponding to EN854 2TE working pressure, excellent flexibility, wide compatibility with liquid medium, excellent performance in severe weather conditions

执行标准：符合/超越EN854 2TE

结　　构：软管由耐油合成橡胶内胶层、一层或二层纤维编织增强层、耐天候、黑色合成橡胶外胶层组成。

1”（含1”）以下规格胶管外观为布纹面和光面，1"以上规格为布纹面。

通过认证：MSHA IC-330/1，ISO9001，IATF 16949 认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮 等多种包装方式。

用　　途：适用于石油基或水基液压流体，用于压缩空气时，软管需针刺。

温度范围：-40℃～+100℃.（空气：+70℃.
水：+85℃）

Meet/Exceed the Standard: EN854 2TE

Construction: The hose consists of oil resistant synthetic rubber for inner tube, one or two layers of textile braided for reinforcement, and weather resistant synthetic black rubber for cover.

3/16" up to 1"(1" included)we could produce wrapped cover and smooth cover; Sizes above 1"(1" not included), we could only produce wrapped cover.

Certificates: MSHA IC-330/1, ISO9001, IATF 16949, etc.

Packaging: Carton cases, wooden or plastic reels, etc.

Application: Suitable for water and petroleum-based hydraulic fluids, and pin-prick needed when the hoses are used for compressed air.

Temperature range: -40℃～+100℃(Air:+70℃, Water:+85℃).



注：客户如需阻燃及其它性能要求，需要特殊订制，可与销售代表咨询。

NOTE: If the customer need hose with flame resistance and other performance, please contact our sales.



WELONE® HL996-01

（I型）

Part No. 零件号	I.D. 软管内径		O.D 软管外径		MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径
			Min	Max					
（I型）	inch	mm	mm	mm	Mpa	psi	Mpa	psi	mm
HL996-01-06	3/8″	9.5	20.5	22.5	0.6	87.0	6	870	120
HL996-01-08	1/2″	12.7	24.0	26.0	0.6	87.0	6	870	130
HL996-01-10	5/8″	15.9	29.0	31.0	0.6	87.0	6	870	160
HL996-01-12	3/4″	19.0	32.0	34.0	0.6	87.0	6	870	190
HL996-01-16	1″	25.4	39.0	41.0	0.6	87.0	6	870	260
HL996-01-20	1-1/4 ″	31.8	47.0	49.0	0.6	87.0	6	870	320
HL996-01-24	1-1/2″	38.1	52.8	55.2	0.6	87.0	6	870	380
HL996-01-28	1-3/4 ″	44.5	59.8	62.2	0.6	87.0	6	870	450
HL996-01-32	2″	50.8	67.6	69.4	0.6	87.0	6	870	500
HL996-01-40	2-1/2″	64.0	79.4	82.6	0.6	87.0	6	870	630
HL996-01-48	3″	76.0	92.4	95.6	0.6	87.0	6	870	750

MAIN FEATURES 主要性能

耐热性能优良 Excellent Heat resistance performance

结　　构：软管由耐热性能良好的EPDM内胶层，一层或两层钢丝编织增强层，耐热、耐老化的EPDM外胶层组成（胶管外表面为布纹面）。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮 等多种包装方式。

使用介质：饱和蒸汽及热冷凝水

温度范围：Ⅰ型-40℃～+164℃

Construction: The hose consists of excellent heat resistance EPDM rubber for inner tube, one or two high tensile steel wire braided for reinforcement, and heat & anti-aging resistance EPDM rubber for cover(wrapped cover).

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, Plastic or wooden reels, etc.

Application: Saturated steam and saturated steam

Temperature: TYPE I -40℃ ~ +164℃

注：客户如需其它性能要求，需要特殊订制，可与销售代表咨询。

NOTE: If the customer need any other request about the rubber performance, please contact with our Sales.





WELONE® HL996-01

(II型)

Part No. 零件号	I.D. 软管内径		O.D 软管外径		MAX W.P. 最大工作压力		MIN B.P 最小爆破压力		MIN B.R 最小弯曲半径
			Min	Max					
(II型)	inch	mm	mm	mm	Mpa	psi	Mpa	psi	mm
HL996-01-06	3/8"	9.5	20.5	22.5	1.8	261.0	18	2610	120
HL996-01-08	1/2"	12.7	24.0	26.0	1.8	261.0	18	2610	130
HL996-01-10	5/8"	15.9	29.0	31.0	1.8	261.0	18	2610	160
HL996-01-12	3/4"	19.0	32.0	34.0	1.8	261.0	18	2610	190
HL996-01-16	1"	25.4	39.0	41.0	1.8	261.0	18	2610	260
HL996-01-20	1-1/4 "	31.8	47.0	49.0	1.8	261.0	18	2610	320
HL996-01-24	1-1/2"	38.1	52.8	55.2	1.8	261.0	18	2610	380
HL996-01-28	1-3/4 "	44.5	59.8	62.2	1.8	261.0	18	2610	450
HL996-01-32	2"	50.8	67.6	69.4	1.8	261.0	18	2610	500
HL996-01-40	2-1/2"	64.0	79.4	82.6	1.8	261.0	18	2610	630
HL996-01-48	3"	76.0	92.4	95.6	1.8	261.0	18	2610	750

MAIN FEATURES 主要性能

耐热性能优良 Excellent Heat resistance performance

结　　构：软管由耐热性能良好的EPDM内胶层，一层或两层钢丝编织增强层，耐热、耐老化的EPDM外胶层组成（胶管外表面为布纹面）。

通过认证：MSHA IC-330/1、ISO9001、IATF16949认证等证书

包装方式：可根据客户需求，定制纸箱、木轮 、塑胶轮 等多种包装方式。

使用介质：饱和蒸汽及热冷凝水

温度范围：II 型-40℃～+210℃

Construction: The hose consists of excellent heat resistance EPDM rubber for inner tube, one or two high tensile steel wire braided for reinforcement, and heat & anti-aging resistance EPDM rubber for cover(wrapped cover).

Certificate: MSHA IC-330/1, ISO9001, IATF16949, etc.

Packaging: Carton cases, Plastic or wooden reels, etc.

Application: Saturated steam and saturated steam

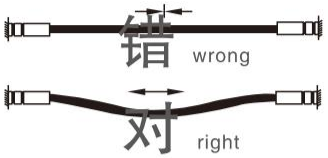
Temperature: TYPE II -40°C ~ +210°C

注：客户如需其它性能要求，需要特殊订制，可与销售代表咨询。

NOTE: If the customer need any other request about the rubber performance, please contact with our Sales.

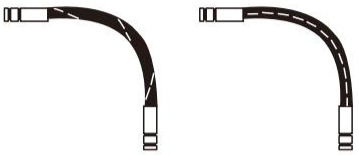


INSTALLING THE HOSE ASSEMBLY



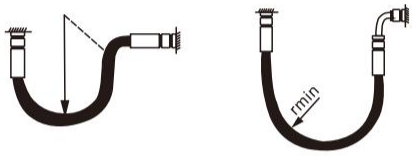
软管总成两端装配后不应该把软管拉直，应有些松弛。因在压力作用下，软管长度会有变化，其变化幅度-4%~+2%

The both ends of the hydraulic hose assembly shouldn’t be straighted after installation, should be a little slack, because the length of hose will vary within the range between -4%~+2% under pressure(Illustration 1)



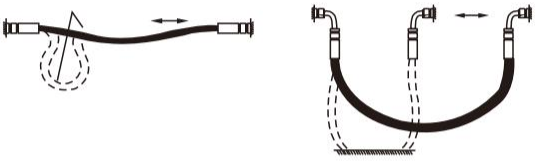
安装时软管不能扭曲链接，因在高温作用下有扭直趋势，会使安装接头螺母旋松，严重时会使软管在应变点破裂。

The installation of hose should be avoiding the twisting connection, because high temperature could make the assembly straighten, and make the screw nut loosen, even worse, make it fracture in the strain point(Illstration 6)



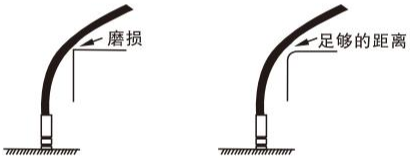
选择合适的接头，以避免小的弯曲半径，避免软管附加应力。

Choosing the proper fittings to avoid the small Bending Radius and additional stress(Illstration 2)



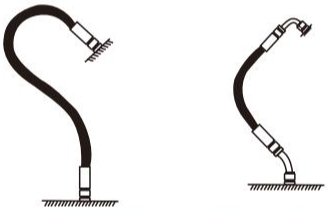
软管组合件使用活动部件连接时，软管组合件在整个运动范围内应不小于弯曲半径，不应承受额外的拉力负荷。

When connecting the assembly with moving parts, it should't be less than its Bending Radius in the whole range of motion and shouldn't bear the extra tensile force(Illstration 7)



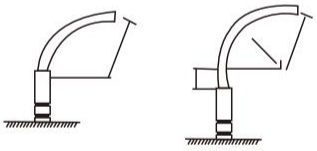
采取相应的措施避免组合件受外部机械的损伤。

Taking the appropriate measures to prevent the mechanical damage from outside(Illstration 3)



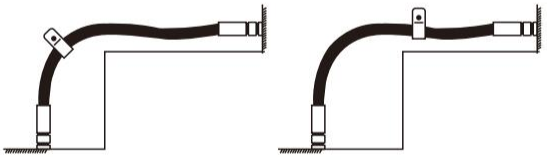
通过使用相应的管接头或连接件避免软管出现附加负荷。

Using the approriate fittings or connectings to avoid additional load(Illstration 8)



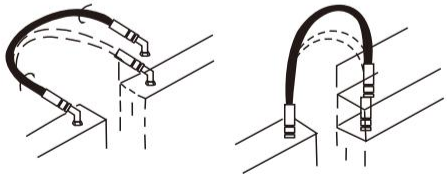
在弯曲安装时，软管弯曲应在1.5d（d为软管直径）的长度上开始，否则会出现铰式支撑。

When installing the hose with the bending status,the Bending Point should be 1.5 times longer than the hose diameter,or it will have the problem of hinged support(Illstration 4)



尽可能避免软管直接接触其他物体或远离其他物体以减少摩擦。

The hose should better avoid to tough other objects directly or get away from other objects to reduce friction(Illstration 9)



软管组合件在相同的平面出现移动或弯曲，通过合理的安装来避免软管扭曲。

Avoiding the hose twisting via proper installation, When the hose assembly moves or bends on the same plane(Illstration 5)

应将由于振动引起的应力降低到最低限度并尽可能地避免，如果软管组合件是连接在刚性部件上，应当采取合适的卡箍并尽量接近连接线。

Reducing or avoiding the power caused by vibrating as far as possible.If the hose is connected to the hard component, the suitable clamp should as close to the conection as possible.

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。

Preventing the hose (for example, not near exhaust system) from heat radiation, the adiabatic material must act as the protective sleeves for the hose .

STEEL WIRE REINFORCED HYDRAULIC HOSE



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EXCELLENT PERFORMANCE UNDER PRESSURE

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