

# 工业软管

INDUSTRIAL HOSE



始于2003年,利通科技专注于高分子材料共混、高分子材料改性、液压软管、石油钻采软管、压裂软管、橡塑复合软管、超高压树脂软管、流体连接件、软硬管总成及橡塑密封制品、超高压特种装备的生产、研发与销售,是一家提供流体输送高效解决方案、高分子材料共混物高性能解决方案、页岩油气增产酸化压裂管路高效输送解决方案、超高压水射流管路输送解决方案、汽车空调管路系统解决方案、氢气加注管路系统解决方案、智慧管网解决方案的国家级高新技术企业。

抢抓机遇,主动作为,多年来,利通科技各项经营指标稳居国内同行业前列,一路成长为拥有“国家级专精特新‘小巨人’企业”、“河南省优秀民营企业”、“中国胶管十强企业”等几十项荣誉称号的知名企业,2021年11月15日,利通科技(股票代码:832225)成为北京证券交易所第一批上市企业,迈向全新的发展阶段。

着眼于流体技术领域,利通科技以“低弯曲、高压、长寿命、多功能”作为产品迭代的重点。主要产品包括各类高、中、低压**液压软管**、兼具耐磨、耐腐蚀、耐老化、大口径等特性的**橡塑复合软管**、获多方国际认证的超高压、等通径的**石油钻采压裂软管**、以高效、安全为主要特点的**超高压树脂软管**、应用范围广阔的高、中、低压**树脂软管**、**氢气加注软管**、**汽车空调软管**、**流体连接件与软硬管总成**,品种性能多样的**混炼胶**、**改性树脂**和**橡塑密封制品**以及安全、高效应用于管网病害整体解决方案的超高压水力盾构车等,产品广泛应用于工程机械、农用机械、石油钻采、建筑、清洗、水射流、钢铁、化工、能源、矿山、轨道交通、船舶制造、食品医药、市政管网等领域。

利通科技先后通过的产品认证包括**安标(MA·KA)**、**MSHA**、美国石油协会**API产品认证**、美国船级社**ABS型式认可**、挪威船级社**DNV型式认可**、俄罗斯**GOST石油认证**、**劳氏防火认证**等,已通过的管理体系认证包括**质量管理体系**(符合GB/T 19001-2016/ISO 9001:2015)、**武器装备质量管理体系**(符合GJB 9001C-2017)、**石油天然气行业制造类组织的质量管理体系**(符合API Specification Q1)、**环境管理体系**(符合GB/T 24001-2016/ISO14001:2015)、**汽车质量管理体系**(符合IATF 16949:2016)、**职业健康安全管理体系**(符合GB/T 45001-2020/ISO 45001:2018)等。利通科技检测中心自2016年起获CNAS认可,设有脉冲试验室、爆破试验室、耐火试验室、盐雾试验室等二十多个试验室,检测结果被认定具有客观性、准确性及权威性。利通超高压流体创新研究院下设高性能聚合物材料研究所、液压软管研究所、工业软管研究所、石油软管研究院、密封技术研究所、金属材料研究所、橡塑制品研究所、超高压水力盾构装备研究院和产品中试基地,为推动专、精、特、新项目发展和解决行业“卡脖子”难题夯实根基。

自成立以来,利通科技始终坚持“**诚信为本,用户第一**”的核心价值观,坚定不移的推进“**独创引领,利他聚能**”的发展战略,紧紧围绕流体技术上下游产业链开展高分子材料共混改性、液压橡塑软管、石油钻采压裂软管、物料输送多功能软管、化学品输送软管、超高压树脂软管、氢气加注软管、汽车空调软管、食品医药软管、流体连接件、橡塑密封制品、超高压特种装备等的技术研发与制造,以绿色发展为己任,以新能源、新材料、新技术创新引领行业高质量发展,服务于全球装备智能制造,为“成为全球流体技术产业领航者”的伟大目标而奋斗。



Established in 2003, Letone Technology is an industry-recognized high-quality rubber hose manufacture and service company, which devotes to the production, R&D, and sale of polymer alloys, modified polymer materials, hydraulic hoses, petroleum drilling hoses, frac hoses, rubber-plastic composite hoses, ultra-high pressure thermoplastic hoses, fittings, hose assemblies, rubber-plastic seals and ultra-high pressure special equipment. As a high-efficiency fluid transfer solutions provider, Letone Technology offers high-performance polymer alloy solutions, shale oil and gas frac solutions, ultra-high pressure water jetting solutions, air conditioning fluid transfer solutions, hydrogen fueling system solutions and smart pipeline network solutions to the clients.

Seizing opportunities and taking proactive actions, Letone Technology has consistently ranked among the top in the domestic industry in various operational indicators, and has grown into a well-known enterprise with dozens of prestigious titles such as "National Level Specialized, Sophisticated, Unique, and New 'Little Giant' Enterprise", "National High-tech Enterprise", "Excellent Private Enterprise in Henan Province", and "Top Ten Rubber Hose Enterprises in China". On 15<sup>th</sup> Nov. 2021, Letone Technology (Stock Code: 832225) became the first batch of listed companies on the Beijing Stock Exchange, entering a new stage of development.

Focusing on the fluid technology industry, Letone Technology takes **"tight bend radius, high pressure, long service life, multipurpose"** as the keynotes of product innovation. Its main products include various high, medium, and low-pressure hydraulic hoses, abrasion, corrosion-resistant, anti-aging, big size **rubber-plastic composite hoses**, API & ABS certified UHP, full flow **petroleum drilling hoses**, high-efficiency **ultra-high pressure thermoplastic hoses**, various high, medium and low-pressure **thermoplastic hoses**, **hydrogen fueling hoses**, **air conditioning hoses**, **fluid connectors**, **hose assemblies**, **rubber compounds**, **modified resins**, **rubber-plastic seals** and safe&high-efficiency **ultra high pressure hydraulic shield tunneling vehicles** specially designed for pipeline network solutions, etc. Letone Technology products are widely applied to areas like construction machinery, agricultural machinery, oil and gas, construction, steel, chemical, energy, mining, railway, shipbuilding, food, and beverage processing and municipal pipeline network, etc.

As an experienced professional hose manufacturer, Letone Technology has obtained the **Safety Certificate of Approval for Mining Products(MA-KA)**, **Certificate of MSHA**, **API Type Approval**, **ABS Type Approval**, **DNV Type Approval**, **GOST Certificate**, **Lloyd's Fire Test Certificate**, and meets the requirements of quality management systems such as **ISO9001:2015**, **API Q1**, **IATF 16949:2016**, **ISO 45001:2018**, etc. Letone Technology also holds the environment management system international certification issued by IMS (comply with **ISO14001:2015** standard). The Letone Technology Testing Center has obtained the **Laboratory Accreditation Certificate issued by CNAS** in 2016, which has more than 20 laboratories, including an impulse test laboratory, burst test laboratory, fire test laboratory, salt spray laboratory, etc. The testing report is identified as objectivity, accuracy, and authority. Letone Ultra-high Pressure Fluid Innovation Research Institute consists of the High-performance Polymer Materials Research Institute, Hydraulic Hose Research Institute, Industrial Hose Research Institute, Petroleum Hose Research Institute, Sealing Technology Research Institute, Metal Materials Research Institute, Rubber and Plastic Products Research Institute, Ultra-high Pressure Hydraulic Shield Tunneling Equipment Research Institute, and Product Pilot Base. It aims to promote the development of specialized, sophisticated, unique, and new projects and solidify the foundation for solving industry bottlenecks.

In the past years, Letone Technology has adhered to the core value of "integrity-based, clients first", and followed the development strategy of "Original Leading, Altruistic Synergy" as guidance. Sticking to the upstream and downstream industrial chain of fluid technology, Letone Technology is carrying out technical R&D and manufacture on polymer alloy and modification, hydraulic rubber-plastic hoses, petroleum drilling hoses, frac hoses, multipurpose hoses, chemical hoses, ultra-high pressure thermoplastic hoses, hydrogen fueling hoses, air conditioning hoses, food & medical hoses, hose fittings, rubber-plastic seals and ultra-high pressure special equipment serve to global equipment manufacturers. Letone Technology is continuously contributing to global intelligent manufacture and striving to lead the fluid technology industry towards prosperity.

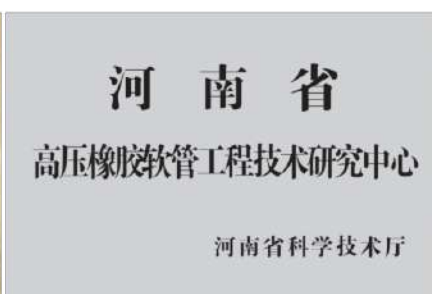
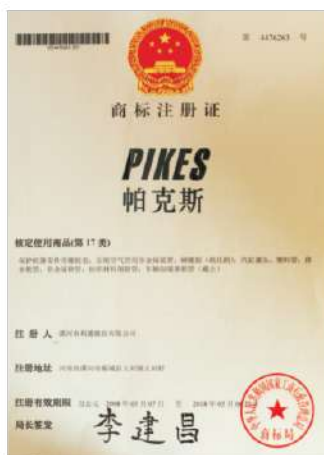


## 企业资质



# COMPANY HONOR

## 企业荣誉





工业软管生产车间  
Industrial Hoses Workshop



80米工业软管生产线  
80-meter Industrial Hose Production Line



钢丝缠绕生产线  
Wire Spiral Hose Production Line



**VP 钢丝缠绕生产线**  
VP Steel Wire Spiral Production Line

**大口径钢丝缠绕生产线**  
Big Diameter Steel Wire Spiral Production Line



**芬宝KC1200重型扣压机**  
Finn Power Heavy Duty Crimper

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## 钢丝编织空气管

### WIRE BRAID AIR HOSE

**应用范围:** 应用于对空气传输有较高压力要求的行业, 如建筑业、矿业等, 有较强的耐磨性, 适用于恶劣的使用环境。

**Application:** Designed for higher pressure air transfer services in construction and mining industries, suitable for extremely environment because of its abrasion resistant characteristic.

#### 软管结构

**内胶层:** 黑色NR&SBR合成橡胶

**增强层:** 一层超柔高强钢丝编织

**外胶层:** 黑色或黄色NR&SBR合成橡胶

**温度范围:** -30°C~82°C (-22°F~180°F)



#### Hose Construction

**Inner Tube:** black NR&SBR synthetic rubber

**Reinforcement:** one braid of high tensile super flexible steel wire

**Outer Layer:** black or yellow NR&SBR synthetic rubber

**Temperature Range:** -30°C~82°C (-22°F~180°F)

\*尺寸、压力及颜色均可根据要求定制。

\*The hose dimension, pressure and color can be customized based on the requirements.

| 软管内径<br>I.D |     | 软管外径<br>O.D |     | 工作压力<br>W.P | 最小<br>爆破压力<br>Min.B.P | 最小<br>弯曲半径<br>Min.B.R | 参考重量<br>W.T |
|-------------|-----|-------------|-----|-------------|-----------------------|-----------------------|-------------|
| in          | mm  | in          | mm  | psi         | psi                   | mm                    | kg/m        |
| 1/2         | 13  | 0.87        | 22  | 600         | 2400                  | 180                   | 0.42        |
| 3/4         | 19  | 1.10        | 28  | 600         | 2400                  | 240                   | 0.55        |
| 1           | 25  | 1.34        | 34  | 600         | 2400                  | 300                   | 0.70        |
| 1-1/4       | 32  | 1.65        | 42  | 600         | 2400                  | 420                   | 1.07        |
| 1-1/2       | 38  | 1.89        | 48  | 600         | 2400                  | 500                   | 1.28        |
| 2           | 51  | 2.52        | 64  | 600         | 2400                  | 630                   | 1.99        |
| 2.5         | 64  | 3.26        | 77  | 450         | 1800                  | 800                   | 2.44        |
| 3           | 76  | 3.54        | 90  | 450         | 1800                  | 920                   | 2.90        |
| 4           | 102 | 4.65        | 118 | 450         | 1800                  | 1300                  | 5.16        |

 **LT803** | GB/T 1186

## 纤维缠绕压缩气管

### FIBER SPIRAL COMPRESSED AIR HOSE

**应用范围:**适用于建筑业及矿业等行业的压缩空气传送, 有较强的耐磨性, 适用于恶劣的使用环境。

**Application:** Designed for compressed air transfer in construction and mining industries, suitable for extremely environment because of its abrasion resistant characteristic.

#### 软管结构

**内胶层:**黑色NR&SBR合成橡胶

**增强层:**高张力合成纤维缠绕及高灵活度螺旋钢丝缠绕

**外胶层:**黑色NR&SBR或CR合成橡胶

**温度范围:**-30°C~82°C (-22°F~180°F)

#### Hose Construction

**Inner Tube:** black NR&SBR synthetic rubber

**Reinforcement:** multi-spiraled high tensile synthetic fibers and helical spiral-wire

**Outer Layer:** black NR&SBR or CR synthetic rubber

**Temperature Range:** -30°C~82°C (-22°F~180°F)

\*尺寸、压力及颜色均可根据要求定制。

\*The hose dimension, pressure and color can be customized based on the requirements.



| 软管内径<br>I.D |     | 软管外径<br>O.D |     | 工作压力<br>W.P | 最小<br>爆破压力<br>Min.B.P | 最小<br>弯曲半径<br>Min.B.R | 参考重量<br>W.T |
|-------------|-----|-------------|-----|-------------|-----------------------|-----------------------|-------------|
| in          | mm  | in          | mm  | psi         | psi                   | mm                    | kg/m        |
| 2           | 51  | 2.52        | 64  | 150         | 375                   | 400                   | 1.55        |
| 2.5         | 64  | 3.03        | 77  | 150         | 375                   | 500                   | 2.25        |
| 3           | 76  | 3.58        | 91  | 150         | 375                   | 570                   | 2.60        |
| 4           | 102 | 4.80        | 122 | 150         | 375                   | 750                   | 4.5         |
| 2           | 51  | 2.64        | 67  | 230         | 575                   | 400                   | 1.65        |
| 2.5         | 64  | 3.15        | 80  | 230         | 575                   | 500                   | 2.35        |
| 3           | 76  | 3.70        | 94  | 230         | 575                   | 570                   | 2.70        |
| 4           | 102 | 4.92        | 125 | 230         | 575                   | 750                   | 4.60        |
| 2           | 51  | 2.75        | 70  | 360         | 900                   | 400                   | 1.75        |
| 2.5         | 64  | 3.26        | 83  | 360         | 900                   | 500                   | 2.45        |
| 3           | 76  | 3.82        | 97  | 360         | 900                   | 570                   | 2.80        |
| 4           | 102 | 5.03        | 128 | 360         | 900                   | 750                   | 4.70        |

## 纤维缠绕高温压缩空气管

### FIBER SPIRAL HIGH-TEMP COMPRESSED AIR HOSE

**应用范围:**适用于建筑业及矿业等行业的压缩空气传送, 有较强的耐高温性能。

**Application:** Designed for compressed air transfer in construction and mining industries, suitable for the relatively high-temperature environment.

#### 软管结构

**内胶层:**黑色耐高温合成橡胶

**增强层:**高张力合成纤维缠绕及高灵活度螺旋钢丝缠绕

**外胶层:**黑色耐高温合成橡胶

**温度范围:**-30°C~150°C (-22°F~302°F)

#### Hose Construction

**Inner Tube:** black high-temp resistant synthetic rubber

**Reinforcement:** multi-spiraled high tensile synthetic fibers and helical spiral-wire

**Outer Layer:** black high-temp resistant synthetic rubber

**Temperature Range:** -30°C~150°C (-22°F~302°F)



\*尺寸、压力及颜色均可根据要求定制。

\*The hose dimension, pressure and color can be customized based on the requirements.

| <br>软管内径<br>I.D |     | <br>软管外径<br>O.D |     | <br>工作压力<br>W.P | <br>最小<br>爆破压力<br>Min.B.P | <br>最小<br>弯曲半径<br>Min.B.R | <br>参考重量<br>W.T |
|----------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| in                                                                                                 | mm  | in                                                                                                 | mm  | psi                                                                                                | psi                                                                                                          | mm                                                                                                             | kg/m                                                                                                 |
| 2                                                                                                  | 51  | 2.52                                                                                               | 64  | 150                                                                                                | 375                                                                                                          | 400                                                                                                            | 1.55                                                                                                 |
| 2.5                                                                                                | 64  | 3.03                                                                                               | 77  | 150                                                                                                | 375                                                                                                          | 500                                                                                                            | 2.25                                                                                                 |
| 3                                                                                                  | 76  | 3.58                                                                                               | 91  | 150                                                                                                | 375                                                                                                          | 570                                                                                                            | 2.60                                                                                                 |
| 4                                                                                                  | 102 | 4.80                                                                                               | 122 | 150                                                                                                | 375                                                                                                          | 750                                                                                                            | 4.5                                                                                                  |
| 2                                                                                                  | 51  | 2.64                                                                                               | 67  | 230                                                                                                | 575                                                                                                          | 400                                                                                                            | 1.65                                                                                                 |
| 2.5                                                                                                | 64  | 3.15                                                                                               | 80  | 230                                                                                                | 575                                                                                                          | 500                                                                                                            | 2.35                                                                                                 |
| 3                                                                                                  | 76  | 3.70                                                                                               | 94  | 230                                                                                                | 575                                                                                                          | 570                                                                                                            | 2.70                                                                                                 |
| 4                                                                                                  | 102 | 4.92                                                                                               | 125 | 230                                                                                                | 575                                                                                                          | 750                                                                                                            | 4.60                                                                                                 |
| 2                                                                                                  | 51  | 2.75                                                                                               | 70  | 360                                                                                                | 900                                                                                                          | 400                                                                                                            | 1.75                                                                                                 |
| 2.5                                                                                                | 64  | 3.26                                                                                               | 83  | 360                                                                                                | 900                                                                                                          | 500                                                                                                            | 2.45                                                                                                 |
| 3                                                                                                  | 76  | 3.82                                                                                               | 97  | 360                                                                                                | 900                                                                                                          | 570                                                                                                            | 2.80                                                                                                 |
| 4                                                                                                  | 102 | 5.03                                                                                               | 128 | 360                                                                                                | 900                                                                                                          | 750                                                                                                            | 4.70                                                                                                 |

 **LT901** | HG/T 3035

## 通用橡胶吸排水管

### GENERAL PURPOSE WATER SUCTION & DISCHARGE RUBBER HOSE

**应用范围:** 通用于建筑业、农业及其他行业, 耐水性能与支撑性能良好。

**Application:** Designed for the general use of construction, agriculture, and other industrial applications.

#### 软管结构

**内胶层:** 黑色EPDM或NR&SBR合成橡胶 (可内衬UPE耐磨层)

**增强层:** 高张力合成纤维缠绕及高灵活度螺旋钢丝缠绕

**外胶层:** 黑色EPDM或NR&SBR合成橡胶

**温度范围:** -30°C ~ 100°C (-22°F ~ 212°F)



#### Hose Construction

**Inner Tube:** black EPDM or NR&SBR synthetic rubber (UPE layer is available)

**Reinforcement:** multi-spiraled high tensile synthetic fibers and helical spiral-wire

**Outer Layer:** black EPDM or NR&SBR synthetic rubber

**Temperature Range:** -30°C ~ 100°C (-22°F ~ 212°F)

\*尺寸、压力及颜色均可根据要求定制。

\*The hose dimension, pressure and color can be customized based on the requirements.

| 软管内径<br>I.D |     | 软管外径<br>O.D |     | 工作压力<br>W.P | 最小<br>爆破压力<br>Min.B.P | 最小<br>弯曲半径<br>Min.B.R | 参考重量<br>W.T |
|-------------|-----|-------------|-----|-------------|-----------------------|-----------------------|-------------|
| in          | mm  | in          | mm  | psi         | psi                   | mm                    | kg/m        |
| 2           | 51  | 2.64        | 67  | 150         | 375                   | 350                   | 1.65        |
| 2.5         | 64  | 3.15        | 80  | 150         | 375                   | 450                   | 2.35        |
| 3           | 76  | 3.66        | 93  | 150         | 375                   | 520                   | 2.70        |
| 4           | 102 | 4.80        | 122 | 150         | 375                   | 700                   | 4.60        |
| 5           | 127 | 5.87        | 149 | 150         | 375                   | 950                   | 6.45        |
| 6           | 152 | 6.81        | 173 | 150         | 375                   | 1160                  | 7.00        |
| 8           | 203 | 9.17        | 233 | 150         | 375                   | 1400                  | 15.00       |
| 10          | 254 | 11.30       | 287 | 150         | 375                   | 1700                  | 20.00       |
| 2           | 51  | 2.76        | 70  | 300         | 750                   | 370                   | 2.05        |
| 2.5         | 64  | 3.27        | 83  | 300         | 750                   | 470                   | 2.75        |
| 3           | 76  | 3.78        | 96  | 300         | 750                   | 540                   | 3.10        |
| 4           | 102 | 4.92        | 125 | 300         | 750                   | 720                   | 5.00        |
| 5           | 127 | 6.10        | 155 | 300         | 750                   | 970                   | 7.25        |
| 6           | 152 | 7.05        | 179 | 300         | 750                   | 1180                  | 7.90        |
| 8           | 203 | 9.41        | 239 | 300         | 750                   | 1450                  | 15.90       |
| 10          | 254 | 11.54       | 293 | 300         | 750                   | 1750                  | 20.90       |

## 橡胶排水管

### WATER DISCHARGE RUBBER HOSE

**应用范围:** 通用于建筑业、农业及其他行业, 耐水性能良好。

**Application:** Designed for the general use of construction, agriculture, and other industrial applications.

#### 软管结构

**内胶层:** 黑色EPDM或NR&SBR合成橡胶 (可内衬UPE耐磨层)

**增强层:** 高张力合成纤维缠绕

**外胶层:** 耐油、耐磨、耐老化黑色、灰色或蓝色NBR或PVC合成橡胶

**温度范围:** -30°C~82°C (-22°F~180°F)

#### Hose Construction

**Inner Tube:** black EPDM or NR&SBR synthetic rubber (UPE layer is available)

**Reinforcement:** multi-spiraled high tensile synthetic fibers

**Outer Layer:** oil, abrasion resistant, anti-aging black, gray or blue NBR or PVC synthetic rubber

**Temperature Range:** -30°C~82°C (-22°F~180°F)



\*尺寸、压力及颜色均可根据要求定制。

\*The hose dimension, pressure and color can be customized based on the requirements.

| 软管内径<br>I.D |     | 软管外径<br>O.D |     | 工作压力<br>W.P | 最小<br>爆破压力<br>Min.B.P | 参考重量<br>W.T |
|-------------|-----|-------------|-----|-------------|-----------------------|-------------|
| in          | mm  | in          | mm  | psi         | psi                   | kg/m        |
| 2           | 51  | 2.40        | 61  | 45          | 113                   | 1.40        |
| 2.5         | 64  | 2.91        | 74  | 45          | 113                   | 2.10        |
| 3           | 76  | 3.43        | 87  | 45          | 113                   | 2.45        |
| 4           | 102 | 4.57        | 116 | 45          | 113                   | 4.35        |
| 5           | 127 | 5.51        | 140 | 45          | 113                   | 6.20        |
| 6           | 152 | 6.46        | 164 | 45          | 113                   | 6.75        |
| 8           | 203 | 8.82        | 224 | 45          | 113                   | 14.75       |
| 10          | 254 | 10.94       | 278 | 45          | 113                   | 19.75       |
| 2           | 51  | 2.40        | 61  | 75          | 188                   | 1.40        |
| 2.5         | 64  | 2.91        | 74  | 75          | 188                   | 2.10        |
| 3           | 76  | 3.43        | 87  | 75          | 188                   | 2.45        |
| 4           | 102 | 4.57        | 116 | 75          | 188                   | 4.35        |
| 5           | 127 | 5.51        | 140 | 75          | 188                   | 6.20        |
| 6           | 152 | 6.46        | 164 | 75          | 188                   | 6.75        |
| 8           | 203 | 8.82        | 224 | 75          | 188                   | 14.75       |
| 10          | 254 | 10.94       | 278 | 75          | 188                   | 19.75       |
| 2           | 51  | 2.48        | 63  | 150         | 375                   | 1.50        |
| 2.5         | 64  | 2.99        | 76  | 150         | 375                   | 2.20        |
| 3           | 76  | 3.50        | 89  | 150         | 375                   | 2.55        |
| 4           | 102 | 4.65        | 118 | 150         | 375                   | 4.45        |
| 5           | 127 | 5.59        | 142 | 150         | 375                   | 6.30        |
| 6           | 152 | 6.54        | 166 | 150         | 375                   | 6.85        |
| 8           | 203 | 8.90        | 226 | 150         | 375                   | 14.85       |
| 10          | 254 | 11.02       | 280 | 150         | 375                   | 19.85       |

 **LT1102**

## 油及奶制品食品管

### OIL & DAIRY FOOD & BEVERAGE HOSE

**应用范围:**适用于动物油脂、食用油、奶制品等食品饮料产品的输送。

**Application:** Suitable for animal oil, edible oil and dairy products transfer.

#### 软管结构

**内胶层:**白色耐油NBR合成橡胶,符合FDA以及3A要求

**增强层:**高张力合成纤维缠绕及高灵活度螺旋钢丝缠绕

**外胶层:**灰色或蓝色合成橡胶

**温度范围:**-30°C~100°C (-22°F~212°F)



#### Hose Construction

**Inner Tube:** white oil resistant NBR synthetic rubber, compliance with FDA and 3A requirements

**Reinforcement:** multi-spiraled high tensile synthetic fibers and helical spiral-wire

**Outer Layer:** gray or blue synthetic rubber

**Temperature Range:** -30°C~100°C (-22°F~212°F)

\*尺寸、压力及颜色均可根据要求定制。

\*The hose dimension, pressure and color can be customized based on the requirements.

| 软管内径<br>I.D |     | 软管外径<br>O.D |      | 工作压力<br>W.P | 最小<br>爆破压力<br>Min.B.P | 最小<br>弯曲半径<br>Min.B.R | 参考重量<br>W.T |
|-------------|-----|-------------|------|-------------|-----------------------|-----------------------|-------------|
| in          | mm  | in          | mm   | psi         | psi                   | mm                    | kg/m        |
| 1/2         | 13  | 0.9         | 22.5 | 300         | 1200                  | 130                   | 0.35        |
| 5/8         | 16  | 1           | 26   | 300         | 1200                  | 150                   | 0.45        |
| 3/4         | 19  | 1.3         | 32   | 300         | 1200                  | 180                   | 0.6         |
| 1           | 25  | 1.5         | 38   | 300         | 1200                  | 200                   | 0.94        |
| 1-1/4       | 32  | 1.8         | 45   | 300         | 1200                  | 250                   | 1.2         |
| 1-1/2       | 38  | 2           | 52   | 300         | 1200                  | 300                   | 1.5         |
| 2           | 51  | 2.52        | 64   | 150         | 375                   | 400                   | 1.55        |
| 3           | 76  | 3.70        | 94   | 150         | 375                   | 570                   | 2.65        |
| 4           | 102 | 4.72        | 120  | 150         | 375                   | 750                   | 4.55        |
| 2           | 51  | 2.64        | 67   | 300         | 750                   | 400                   | 1.65        |
| 3           | 76  | 3.82        | 97   | 300         | 750                   | 570                   | 2.75        |
| 4           | 102 | 4.84        | 123  | 300         | 750                   | 750                   | 4.65        |

 **LT1103**

## 干性谷物食品管

DRY GOODS FOOD & BEVERAGE HOSE

**应用范围:**适用于面粉及谷物等食品的批量输送。

**Application:** Suitable for the bulk transfer of flour and edible grains.

### 软管结构

**内胶层:**白色耐磨NR&SBR合成橡胶

**增强层:**高张力合成纤维缠绕及高灵活度螺旋钢丝缠绕

**外胶层:**耐磨、耐老化灰色或蓝色NR&SBR合成橡胶

**温度范围:**-30°C~82°C (-22°F~180°F)

### Hose Construction

**Inner Tube:** white abrasion resistant NR&SBR synthetic rubber

**Reinforcement:** multi-spiraled high tensile synthetic fibers and helical spiral-wire

**Outer Layer:** abrasion resistant, anti-aging gray or blue NR&SBR synthetic rubber

**Temperature Range:** -30°C~82°C (-22°F~180°F)



\*尺寸、压力及颜色均可根据要求定制。

\*The hose dimension, pressure and color can be customized based on the requirements.

| 软管内径<br>I.D |     | 软管外径<br>O.D |      | 工作压力<br>Max.W.P | 最小<br>爆破压力<br>Min.B.P | 最小<br>弯曲半径<br>Min.B.R | 参考重量<br>W.T |
|-------------|-----|-------------|------|-----------------|-----------------------|-----------------------|-------------|
| in          | mm  | in          | mm   | psi             | psi                   | mm                    | kg/m        |
| 1/2         | 13  | 0.9         | 22.5 | 300             | 1200                  | 130                   | 0.35        |
| 5/8         | 16  | 1           | 26   | 300             | 1200                  | 150                   | 0.45        |
| 3/4         | 19  | 1.3         | 32   | 300             | 1200                  | 180                   | 0.6         |
| 1           | 25  | 1.5         | 38   | 300             | 1200                  | 200                   | 0.94        |
| 1-1/4       | 32  | 1.8         | 45   | 300             | 1200                  | 250                   | 1.2         |
| 1-1/2       | 38  | 2           | 52   | 300             | 1200                  | 300                   | 1.5         |
| 2           | 51  | 2.64        | 67   | 150             | 375                   | 400                   | 1.65        |
| 3           | 76  | 3.82        | 97   | 150             | 375                   | 570                   | 2.75        |
| 4           | 102 | 4.84        | 123  | 150             | 375                   | 750                   | 4.65        |
| 2           | 51  | 2.76        | 70   | 300             | 750                   | 400                   | 1.75        |
| 3           | 76  | 3.94        | 100  | 300             | 750                   | 570                   | 2.85        |
| 4           | 102 | 4.96        | 126  | 300             | 750                   | 750                   | 4.75        |

 **LT1104**

## 饮料输送食品管

### BEVERAGE TRANSFER HOSE

**应用范围:**适用于牛奶、果汁、酒精类产品及饮用水等产品的输送。

**Application:** Suitable for the transfer of milk, juice, alcohol, and other beverages.

#### 软管结构

**内胶层:**白色EPDM合成橡胶

**增强层:**高张力合成纤维缠绕及高灵活度螺旋钢丝缠绕

**外胶层:**灰色或蓝色EPDM合成橡胶

**温度范围:**-30°C~100°C (-22°F~212°F)



#### Hose Construction

**Inner Tube:** white EPDM synthetic rubber

**Reinforcement:** multi-spiraled high tensile synthetic fibers and helical spiral-wire

**Outer Layer:** gray or blue EPDM synthetic rubber

**Temperature Range:** -30°C~100°C (-22°F~212°F)

\*尺寸、压力及颜色均可根据要求定制。

\*The hose dimension, pressure and color can be customized based on the requirements.

| <br>软管内径<br>I.D |     | <br>软管外径<br>O.D |      | <br>工作压力<br>W.P | <br>最小<br>爆破压力<br>Min.B.P | <br>最小<br>弯曲半径<br>Min.B.R | <br>参考重量<br>W.T |
|----------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| in                                                                                                 | mm  | in                                                                                                 | mm   | psi                                                                                                | psi                                                                                                          | mm                                                                                                             | kg/m                                                                                                 |
| 1/2                                                                                                | 13  | 0.9                                                                                                | 22.5 | 300                                                                                                | 1200                                                                                                         | 130                                                                                                            | 0.35                                                                                                 |
| 5/8                                                                                                | 16  | 1                                                                                                  | 26   | 300                                                                                                | 1200                                                                                                         | 150                                                                                                            | 0.45                                                                                                 |
| 3/4                                                                                                | 19  | 1.3                                                                                                | 32   | 300                                                                                                | 1200                                                                                                         | 180                                                                                                            | 0.6                                                                                                  |
| 1                                                                                                  | 25  | 1.5                                                                                                | 38   | 300                                                                                                | 1200                                                                                                         | 200                                                                                                            | 0.94                                                                                                 |
| 1-1/4                                                                                              | 32  | 1.8                                                                                                | 45   | 300                                                                                                | 1200                                                                                                         | 250                                                                                                            | 1.2                                                                                                  |
| 1-1/2                                                                                              | 38  | 2                                                                                                  | 52   | 300                                                                                                | 1200                                                                                                         | 300                                                                                                            | 1.5                                                                                                  |
| 2                                                                                                  | 51  | 2.52                                                                                               | 64   | 150                                                                                                | 375                                                                                                          | 400                                                                                                            | 1.55                                                                                                 |
| 3                                                                                                  | 76  | 3.70                                                                                               | 94   | 150                                                                                                | 375                                                                                                          | 570                                                                                                            | 2.65                                                                                                 |
| 4                                                                                                  | 102 | 4.72                                                                                               | 120  | 150                                                                                                | 375                                                                                                          | 750                                                                                                            | 4.55                                                                                                 |
| 2                                                                                                  | 51  | 2.64                                                                                               | 67   | 300                                                                                                | 750                                                                                                          | 400                                                                                                            | 1.65                                                                                                 |
| 3                                                                                                  | 76  | 3.82                                                                                               | 97   | 300                                                                                                | 750                                                                                                          | 570                                                                                                            | 2.75                                                                                                 |
| 4                                                                                                  | 102 | 4.84                                                                                               | 123  | 300                                                                                                | 750                                                                                                          | 750                                                                                                            | 4.65                                                                                                 |

## UPE低压多功能软管

### UPE LOW PRESSURE MULTIPURPOSE HOSE

**应用范围:** 此产品广泛应用于化工、钢铁、建筑、食品、医药等领域, 其具有超耐磨、耐腐蚀的产品特性与高饱和度内衬层, 几乎不与任何物质(油脂、腐蚀性化学物等)起反应, 绝对中性的气味也决定着其适用于食品饮料及医药行业。

**Application:** widely apply to industries like chemical, iron and steel smelting, construction, F&B, and medication etc. It is rarely reacting with any substance (oil, fats, corrosion chemicals etc.) because of its highly saturation materials. Its neutral taste and odor illustrates that it is safe to use in the F&B and medication industries.

#### 软管结构

**内胶层:** UPE及EPDM合成橡胶

**增强层:** 高张力合成纤维缠绕及高灵活度螺旋钢丝缠绕

**外胶层:** 黑色或蓝色EPDM合成橡胶(可外覆UPE耐磨层)

**温度范围:** -30°C~82°C (-22°F~180°F)



#### Hose Construction

**Inner Tube:** UPE and EPDM synthetic rubber

**Reinforcement:** multi-spiraled high tensile synthetic fibers and helical spiral-wire

**Outer Layer:** black or blue EPDM synthetic rubber (UPE layer is available)

**Temperature Range:** -30°C~82°C (-22°F~180°F)

\*尺寸、压力及颜色均可根据要求定制。

\*The hose dimension, pressure and color can be customized based on the requirements.

| <br>软管内径<br>I.D |     | <br>软管外径<br>O.D |      | <br>工作压力<br>W.P | <br>最小<br>爆破压力<br>Min.B.P | <br>最小<br>弯曲半径<br>Min.B.R | <br>参考重量<br>W.T |
|----------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| in                                                                                                 | mm  | in                                                                                                 | mm   | psi                                                                                                | psi                                                                                                          | mm                                                                                                             | kg/m                                                                                                 |
| 1/2                                                                                                | 13  | 0.89                                                                                               | 22.5 | 290                                                                                                | 870                                                                                                          | 130                                                                                                            | 0.34                                                                                                 |
| 5/8                                                                                                | 16  | 1.04                                                                                               | 26.5 | 290                                                                                                | 870                                                                                                          | 150                                                                                                            | 0.44                                                                                                 |
| 3/4                                                                                                | 19  | 1.17                                                                                               | 29.7 | 290                                                                                                | 870                                                                                                          | 180                                                                                                            | 0.52                                                                                                 |
| 1                                                                                                  | 25  | 1.39                                                                                               | 35.2 | 290                                                                                                | 870                                                                                                          | 205                                                                                                            | 0.52                                                                                                 |
| 1-1/4                                                                                              | 32  | 1.77                                                                                               | 45   | 290                                                                                                | 870                                                                                                          | 250                                                                                                            | 0.95                                                                                                 |
| 1-1/2                                                                                              | 38  | 2.04                                                                                               | 52   | 290                                                                                                | 870                                                                                                          | 300                                                                                                            | 1.2                                                                                                  |
| 2                                                                                                  | 51  | 2.64                                                                                               | 67   | 300                                                                                                | 750                                                                                                          | 400                                                                                                            | 1.65                                                                                                 |
| 3                                                                                                  | 76  | 3.82                                                                                               | 97   | 300                                                                                                | 750                                                                                                          | 570                                                                                                            | 2.75                                                                                                 |
| 4                                                                                                  | 102 | 4.84                                                                                               | 123  | 300                                                                                                | 750                                                                                                          | 750                                                                                                            | 4.65                                                                                                 |

 **LT1202H** | EN12115

## UPE高压多功能软管

UPE HIGH PRESSURE MULTIPURPOSE HOSE

**应用范围:** 此产品广泛应用于化工、钢铁、建筑、食品、医药等领域, 其具有超耐磨、耐腐蚀的产品特性与高饱和度内衬层, 意味着该产品几乎不与任何物质(油脂、腐蚀性化学物等)起反应, 该产品绝对中性的气味也决定着其适用于食品饮料工业以及医药产品生产使用。

**Application:** Widely apply to industries like chemical, iron and steel smelting, construction, F&B, and medication etc. It is rarely reacting with any substance (oil, fats, corrosion chemicals etc.) because of its highly saturation materials. Its neutral taste and odor illustrates that it is safe to use in the F&B and medical industries.

### 软管结构

**内胶层:** UPE及EPDM合成橡胶

**增强层:** 2层编织或4层缠绕的超强高柔钢丝

**外胶层:** 黑色/红色/黄色/蓝色耐臭氧、耐紫外线、耐磨损NV或EPDM外胶(可外覆UPE耐磨层)

**温度范围:** -30°C~82°C (-22°F~180°F)



### Hose Construction

**Inner Tube:** UPE and EPDM synthetic rubber

**Reinforcement:** two steel wire braids or four-ply of spiraled steel wire

**Outer Layer:** black/red/yellow/blue oxygen, UV, and abrasion resistant NV or EPDM synthetic rubber (UPE layer is available)

**Temperature Range:** -30°C~82°C (-22°F~180°F)

\*尺寸、压力及颜色均可根据要求定制。

\*The hose dimension, pressure and color can be customized based on the requirements.

| <br>软管内径<br>I.D |     | <br>软管外径<br>O.D |      | <br>工作压力<br>W.P | <br>最小<br>爆破压力<br>Min.B.P | <br>参考重量<br>W.T |
|----------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| in                                                                                                 | mm  | in                                                                                                 | mm   | psi                                                                                                | psi                                                                                                            | kg/m                                                                                                 |
| 3/8*2                                                                                              | 10  | 0.75                                                                                               | 19   | 5075                                                                                               | 20300                                                                                                          | 0.58                                                                                                 |
| 1/2*2                                                                                              | 13  | 0.89                                                                                               | 22.2 | 4060                                                                                               | 19140                                                                                                          | 0.61                                                                                                 |
| 5/8*2                                                                                              | 16  | 1.07                                                                                               | 27.2 | 3625                                                                                               | 15950                                                                                                          | 0.73                                                                                                 |
| 3/4*2                                                                                              | 19  | 1.20                                                                                               | 30.5 | 3190                                                                                               | 14500                                                                                                          | 0.95                                                                                                 |
| 1*2                                                                                                | 25  | 1.52                                                                                               | 38.4 | 2465                                                                                               | 12325                                                                                                          | 1.42                                                                                                 |
| 1-1/4*2                                                                                            | 32  | 1.79                                                                                               | 45.5 | 1885                                                                                               | 9425                                                                                                           | 1.72                                                                                                 |
| 1-1/2*2                                                                                            | 38  | 2.03                                                                                               | 51.5 | 1305                                                                                               | 5220                                                                                                           | 1.9                                                                                                  |
| 2*4                                                                                                | 51  | 2.99                                                                                               | 76   | 5000                                                                                               | 12500                                                                                                          | 6.3                                                                                                  |
| 3*4                                                                                                | 76  | 4.09                                                                                               | 104  | 5000                                                                                               | 12500                                                                                                          | 10.5                                                                                                 |
| 3-1/2*4                                                                                            | 89  | 4.76                                                                                               | 121  | 5000                                                                                               | 12500                                                                                                          | 14                                                                                                   |
| 4*4                                                                                                | 102 | 5.28                                                                                               | 134  | 5000                                                                                               | 12500                                                                                                          | 16                                                                                                   |

## PTFE低压多功能软管

### PTFE LOW PRESSURE MULTIPURPOSE HOSE

**应用范围:** 广泛应用于化工、石油、钢铁、食品、医药等多种领域, 该产品适用于高温的工作环境, 超强耐腐蚀的性能使得其免受各类腐蚀性流质化学品(硫酸、盐酸、硫反应物等)侵蚀。PTFE的全饱和性特征也使其成为食品、医药行业用管的优质选择。

**Application:** Widely apply to various industries like chemical, petroleum, iron and steel smelting, F&B and medication etc. The product is suitable to work under high temperature environment. Depending on its feature of super corrosion-resistant, even strong corrosion chemicals like sulfuric acid, hydrochloric acid and sulfur reactant could not react with it. It is also one of the best choices for food and medical industries.

#### 软管结构

**内胶层:** PTFE及EPDM合成橡胶

**增强层:** 高张力合成纤维缠绕及高灵活度螺旋钢丝缠绕

**外胶层:** 黑色或蓝色EPDM或FKM合成橡胶(可外覆UPE耐磨层)

**温度范围:** -55°C~220°C (-67°F~428°F)

#### Hose Construction

**Inner Tube:** PTFE and EPDM synthetic rubber

**Reinforcement:** multi-spiraled high tensile synthetic fibers and helical spiral-wire

**Outer Layer:** black or blue EPDM or FKM synthetic rubber (UPE layer is available)

**Temperature Range:** -55°C~220°C (-67°F~428°F)

\*尺寸、压力及颜色均可根据要求定制。

\*The hose dimension, pressure and color can be customized based on the requirements.



| <br>软管内径<br>I.D. |     | <br>软管外径<br>O.D. |      | <br>工作压力<br>W.P. | <br>最小<br>爆破压力<br>Min.B.P. | <br>参考重量<br>W.T. |
|-----------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| in                                                                                                  | mm  | in                                                                                                  | mm   | psi                                                                                                 | psi                                                                                                             | kg/m                                                                                                  |
| 3/8                                                                                                 | 10  | 0.7                                                                                                 | 19   | 5075                                                                                                | 20300                                                                                                           | 0.58                                                                                                  |
| 1/2                                                                                                 | 13  | 0.9                                                                                                 | 22.2 | 4060                                                                                                | 16240                                                                                                           | 0.61                                                                                                  |
| 5/8                                                                                                 | 16  | 1.07                                                                                                | 27.2 | 3625                                                                                                | 14500                                                                                                           | 0.73                                                                                                  |
| 3/4                                                                                                 | 19  | 1.2                                                                                                 | 30.5 | 3190                                                                                                | 12760                                                                                                           | 0.95                                                                                                  |
| 1                                                                                                   | 25  | 1.5                                                                                                 | 38.4 | 2465                                                                                                | 9860                                                                                                            | 1.42                                                                                                  |
| 1-1/4                                                                                               | 32  | 1.8                                                                                                 | 45.5 | 1885                                                                                                | 7540                                                                                                            | 1.72                                                                                                  |
| 1-1/2                                                                                               | 38  | 2.0                                                                                                 | 51.5 | 1305                                                                                                | 5220                                                                                                            | 1.9                                                                                                   |
| 2                                                                                                   | 51  | 2.80                                                                                                | 71   | 300                                                                                                 | 750                                                                                                             | 2.05                                                                                                  |
| 3                                                                                                   | 76  | 3.86                                                                                                | 98   | 300                                                                                                 | 750                                                                                                             | 3.50                                                                                                  |
| 4                                                                                                   | 102 | 5.00                                                                                                | 127  | 300                                                                                                 | 750                                                                                                             | 5.50                                                                                                  |

 **LT401H** | EN12115

## PTFE高压多功能软管

### PTFE HIGH PRESSURE MULTIPURPOSE HOSE

**应用范围:**广泛应用于化工、石油、钢铁、食品、医药等多种领域,该产品适用于高温的工作环境,超强耐腐蚀的性能使得其免受各类腐蚀性流质化学品(硫酸、盐酸、硫反应物等)侵蚀。PTFE的全饱和性特征也使其成为食品、医药行业用管的优质选择。

**Application:** Widely apply to various industries like chemical, petroleum, iron and steel smelting, F&B and medication etc. The product is suitable to work under high temperature environment. Depending on its feature of super corrosion-resistant, even strong corrosion chemicals like sulfuric acid, hydrochloric acid and sulfur reactant could not react with it. It is also one of the best choices for food and medical industries.

#### 软管结构

**内胶层:**PTFE及EPDM合成橡胶

**增强层:**2层编织或4层缠绕的超强高柔钢丝

**外胶层:**黑色/红色/黄色/蓝色耐臭氧、耐紫外线、耐磨损合成橡胶(可外覆UPE耐磨层)

**温度范围:**-55°C~220°C (-67°F~428°F)

#### Hose Construction

**Inner Tube:** PTFE and EPDM synthetic rubber

**Reinforcement:** two steel wire braids or four-ply of spiraled steel wire

**Outer Layer:** black /red/yellow/blue oxygen, UV, and abrasion resistant NV or EPDM synthetic rubber (UPE layer is available)

**Temperature Range:** -55°C~220°C (-67°F~428°F)

\*尺寸、压力及颜色均可根据要求定制。

\*The hose dimension, pressure and color can be customized based on the requirements.



| <br>软管内径<br>I.D |     | <br>软管外径<br>O.D |      | <br>工作压力<br>W.P | <br>最小<br>爆破压力<br>Min.B.P | <br>参考重量<br>W.T |
|----------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| in                                                                                                 | mm  | in                                                                                                 | mm   | psi                                                                                                | mm                                                                                                             | kg/m                                                                                                 |
| 3/8*2                                                                                              | 10  | 0.83                                                                                               | 21   | 6090                                                                                               | 24070                                                                                                          | 0.82                                                                                                 |
| 1/2*2                                                                                              | 13  | 0.95                                                                                               | 24.2 | 6090                                                                                               | 24070                                                                                                          | 0.94                                                                                                 |
| 5/8*2                                                                                              | 16  | 1.15                                                                                               | 29.2 | 6090                                                                                               | 24070                                                                                                          | 1.25                                                                                                 |
| 3/4*2                                                                                              | 19  | 1.24                                                                                               | 31.5 | 5510                                                                                               | 22040                                                                                                          | 1.60                                                                                                 |
| 1*2                                                                                                | 25  | 1.56                                                                                               | 39.5 | 5510                                                                                               | 22040                                                                                                          | 1.93                                                                                                 |
| 1-1/4*2                                                                                            | 32  | 1.84                                                                                               | 46.8 | 4785                                                                                               | 18850                                                                                                          | 3.02                                                                                                 |
| 1-1/2*2                                                                                            | 38  | 2.21                                                                                               | 57   | 4205                                                                                               | 16820                                                                                                          | 3.57                                                                                                 |
| 2*4                                                                                                | 51  | 3.15                                                                                               | 80   | 5000                                                                                               | 12500                                                                                                          | 7.8                                                                                                  |
| 3*4                                                                                                | 76  | 4.25                                                                                               | 108  | 5000                                                                                               | 12500                                                                                                          | 12.0                                                                                                 |
| 4*4                                                                                                | 102 | 5.47                                                                                               | 139  | 5000                                                                                               | 12500                                                                                                          | 17.8                                                                                                 |

## 船舶燃油软管

### MARINE FUEL HOSE

**应用范围:**适用于汽油、乙醇、100%甲醇,柴油等产品的输送。

**Application:** Suitable for the transfer of fuel products such as gasoline, ethanol, 100% methanol, diesel, etc.

#### 软管结构

**内胶层:**黑色NBR合成橡胶

**增强层:**高张力合成纤维缠绕及高灵活度螺旋钢丝缠绕

**外胶层:**黑色NBR和PVC耐火阻燃混合橡胶

**温度范围:**-20°C~100°C (-4°F~212°F)

#### Hose Construction

**Inner Tube:** black NBR synthetic rubber

**Reinforcement:** multi-spiraled high tensile synthetic fibers and helical spiral-wire

**Outer Layer:** black NBR and PVC fire retardant mixed rubber

**Temperature Range:** -20°C~100°C (-4°F~212°F)



\*尺寸、压力及颜色均可根据要求定制。

\*The hose dimension, pressure and color can be customized based on the requirements.

| 软管内径<br>I.D |     | 软管外径<br>O.D |     | 工作压力<br>W.P | 最小<br>爆破压力<br>Min.B.P | 最小<br>弯曲半径<br>Min.B.R | 参考重量<br>W.T |
|-------------|-----|-------------|-----|-------------|-----------------------|-----------------------|-------------|
| in          | mm  | in          | mm  | psi         | psi                   | mm                    | kg/m        |
| 2           | 51  | 2.76        | 70  | 75          | 188                   | 400                   | 1.75        |
| 3           | 76  | 3.74        | 95  | 75          | 188                   | 570                   | 2.65        |
| 4           | 102 | 4.84        | 123 | 75          | 188                   | 750                   | 4.65        |
| 5           | 127 | 6.06        | 154 | 75          | 188                   | 1000                  | 6.50        |

 **LT1204** | SAE J2006

## 船舶排气软管

### MARINE WET EXHAUST HOSE

**应用范围:** 可用于船舶发动机水循环, 排放管道, 热交换器及湿排气。

**Application:** Could be used for engine water circulation, discharge lines, heat exchangers and wet exhaust connections.

#### 软管结构

**内胶层:** 黑色NBR合成橡胶

**增强层:** 高张力合成纤维缠绕

**外胶层:** 黑色NBR和PVC混合橡胶

**温度范围:** -30°C~100°C (-22°F~212°F)

#### Hose Construction

**Inner Tube:** black NBR synthetic rubber

**Reinforcement:** multi-spiraled high tensile synthetic fibers

**Outer Layer:** black NBR and PVC mixed rubber

**Temperature Range:** -30°C~100°C (-22°F~212°F)



\*尺寸、压力及颜色均可根据要求定制。

\*The hose dimension, pressure and color can be customized based on the requirements.

| 软管内径<br>I.D |     | 软管外径<br>O.D |     | 工作压力<br>W.P | 最小<br>爆破压力<br>Min.B.P | 最小<br>弯曲半径<br>Min.B.R | 参考重量<br>W.T |
|-------------|-----|-------------|-----|-------------|-----------------------|-----------------------|-------------|
| in          | mm  | in          | mm  | psi         | psi                   | mm                    | kg/m        |
| 2           | 51  | 2.56        | 65  | 75          | 188                   | 350                   | 1.60        |
| 3           | 76  | 3.54        | 90  | 75          | 188                   | 520                   | 2.60        |
| 4           | 102 | 4.65        | 118 | 75          | 188                   | 700                   | 4.50        |
| 5           | 127 | 5.75        | 146 | 75          | 188                   | 950                   | 6.00        |
| 8           | 203 | 8.82        | 224 | 75          | 188                   | 1400                  | 13.00       |

## 石油燃料吸排管

### PETROLEUM FUEL SUCTION & DISCHARGE HOSE

**应用范围:**适用于油罐车等输送汽油、石油、乙醇、柴油等石油基产品。

**Application:** Suitable for petroleum-based products transfer, such as gasoline, petroleum oil, ethanol, diesel, etc.

#### 软管结构

**内胶层:**黑色传导NBR合成橡胶

**增强层:**高张力合成纤维缠绕及高灵活度螺旋钢丝缠绕

**外胶层:**黑色NBR和PVC混合橡胶

**温度范围:**-30°C~82°C (-22°F~180°F)



#### Hose Construction

**Inner Tube:** black conductive NBR synthetic rubber

**Reinforcement:** multi-spiraled high tensile synthetic fibers and helical spiral-wire

**Outer Layer:** black NBR and PVC mixed rubber

**Temperature Range:** -30°C~82°C (-22°F~180°F)

\*尺寸、压力及颜色均可根据要求定制。

\*The hose dimension, pressure and color can be customized based on the requirements.

| <br>软管内径<br>I.D |     | <br>软管外径<br>O.D |     | <br>工作压力<br>W.P | <br>最小<br>爆破压力<br>Min.B.P | <br>最小<br>弯曲半径<br>Min.B.R | <br>参考重量<br>W.T |
|----------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| in                                                                                                 | mm  | in                                                                                                 | mm  | psi                                                                                                | psi                                                                                                          | mm                                                                                                             | kg/m                                                                                                 |
| 2                                                                                                  | 51  | 2.68                                                                                               | 68  | 300                                                                                                | 750                                                                                                          | 400                                                                                                            | 1.65                                                                                                 |
| 3                                                                                                  | 76  | 3.78                                                                                               | 96  | 300                                                                                                | 750                                                                                                          | 570                                                                                                            | 2.75                                                                                                 |
| 4                                                                                                  | 102 | 4.80                                                                                               | 122 | 300                                                                                                | 750                                                                                                          | 750                                                                                                            | 4.65                                                                                                 |
| 6                                                                                                  | 152 | 6.97                                                                                               | 177 | 300                                                                                                | 750                                                                                                          | 1210                                                                                                           | 6.80                                                                                                 |

 **LT1216**

## 热焦油沥青吸排管

### HOT TAR & ASPHALT SUCTION & DISCHARGE HOSE

**应用范围:**适用于输送温度高达180°C的石油基产品如热焦油与沥青等。

**Application:** Suitable for petroleum-based products up to 356°F transfer, such as hot tar, asphalt, etc.

#### 软管结构

**内胶层:**PTFE 和 FKM 合成橡胶

**增强层:**高张力合成纤维缠绕及高灵活度螺旋钢丝缠绕

**外胶层:**耐磨、抗氧化、耐热焦油黑色合成橡胶

**温度范围:**-20°C~180°C (-4°F~356°F)

#### Hose Construction

**Inner Tube:** PTFE and FKM synthetic rubber

**Reinforcement:** multi-spiraled high tensile synthetic fibers and helical spiral-wire

**Outer Layer:** abrasion, oxygen, hot tar resistant, black synthetic rubber

**Temperature Range:** -20°C~180°C (-4°F~356°F)



\*尺寸、压力及颜色均可根据要求定制。

\*The hose dimension, pressure and color can be customized based on the requirements.

| <br>软管内径<br>I.D |     | <br>软管外径<br>O.D |     | <br>工作压力<br>W.P | <br>最小<br>爆破压力<br>Min.B.P | <br>最小<br>弯曲半径<br>Min.B.R | <br>参考重量<br>W.T |
|----------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| in                                                                                                 | mm  | in                                                                                                 | mm  | psi                                                                                                | psi                                                                                                          | mm                                                                                                             | kg/m                                                                                                 |
| 2                                                                                                  | 51  | 2.80                                                                                               | 71  | 300                                                                                                | 750                                                                                                          | 430                                                                                                            | 2.05                                                                                                 |
| 3                                                                                                  | 76  | 3.86                                                                                               | 98  | 300                                                                                                | 750                                                                                                          | 600                                                                                                            | 3.50                                                                                                 |
| 4                                                                                                  | 102 | 5.00                                                                                               | 127 | 300                                                                                                | 750                                                                                                          | 780                                                                                                            | 5.50                                                                                                 |

## 重型物料吸排管

### BULK MATERIALS SUCTION & DISCHARGE HOSE

**应用范围:** 广泛用于矿山建筑、隧道工程等大型工程现场与盾构机、铣槽机等工程机械, 超耐磨的特性使得其不仅适用于泥浆砂石等粗粒介质, 还适用于煤粉、干粉、水泥等干性物质及各类腐蚀性化学物品。其易于安装的特点可大大提高现场的工作效率。

**Application:** widely apply to large-scale projects like mining & construction, tunnel project and construction machinery like shield machine and slotter etc. Depending on its features of super abrasion and corrosion resistant, this product also suitable to transfer pulverized coal, cement, and various corrosive chemicals.



#### 软管结构

**内胶层:** 黑色耐磨抗静电NR&SBR合成橡胶或UPE

**加强层:** 高张力纺织线绳缠绕以及高灵活度螺旋钢丝缠绕

**外胶层:** NR&SBR或EPDM合成橡胶

**温度范围:** -30°C~+82°C (-22°F~+180°F)

#### Hose Construction

**Inner Tube:** black, abrasion resistant, antistatic NR&SBR synthetic rubber or UPE

**Reinforcement:** multi-spiraled high tensile synthetic fibers and helical spiral-wire

**Outer Layer:** NR&SBR or EPDM synthetic rubber

**Temperature Range:** -30°C~+82°C (-22°F~+180°F)

\*尺寸、压力及颜色均可根据要求定制。

\*The hose dimension, pressure and color can be customized based on the requirements.

| <br>软管内径<br>I.D |     | <br>软管外径<br>O.D |     | <br>工作压力<br>W.P | <br>最小<br>爆破压力<br>Min.B.P | <br>最小<br>弯曲半径<br>Min.B.R | <br>参考重量<br>W.T |
|----------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| in                                                                                                 | mm  | in                                                                                                 | mm  | psi                                                                                                | psi                                                                                                          | mm                                                                                                             | kg/m                                                                                                 |
| 2                                                                                                  | 51  | 2.48                                                                                               | 63  | 300                                                                                                | 750                                                                                                          | 400                                                                                                            | 1.55                                                                                                 |
| 3                                                                                                  | 76  | 3.62                                                                                               | 92  | 300                                                                                                | 750                                                                                                          | 570                                                                                                            | 2.60                                                                                                 |
| 4                                                                                                  | 102 | 4.76                                                                                               | 120 | 300                                                                                                | 750                                                                                                          | 750                                                                                                            | 4.50                                                                                                 |
| 5                                                                                                  | 127 | 5.98                                                                                               | 152 | 300                                                                                                | 750                                                                                                          | 1000                                                                                                           | 6.50                                                                                                 |
| 6                                                                                                  | 152 | 7.76                                                                                               | 197 | 300                                                                                                | 750                                                                                                          | 1260                                                                                                           | 19.5                                                                                                 |

## UPE超耐磨混凝土输送软管

### UPE SUPER ABRASION RESISTANT CONCRETE HOSE

**应用范围:**应用于建筑工程中泵车、砂浆喷涂机等工程机械混凝土输送,其超耐磨的性能使其使用寿命延长至普通混凝土输送管的数倍,UPE的高饱和性也使得此产品免受混凝土中碱性物质的侵蚀。

**Application:** Apply to construction machinery like pump truck to delivery concretes. Its service life is several times more than average products in the market, and the high saturation characteristic of UPE means that this product will not react with the alkaline substance in the concrete.



#### 结构

**内胶层:** UPE和黑色NR&SBR合成橡胶

**加强层:** 2-4层超柔高强镀黄铜钢帘线缠绕

**外胶层:** 黑色NR&SBR合成橡胶(可外覆UPE耐磨层)

**温度范围:** -30°C~+82°C (-22°F~+180°F)

#### Hose Construction

**Inner Tube:** UPE and NR & SBR synthetic rubber

**Reinforcement:** 2~4 plies of spiraled steel cord

**Outer Layer:** black NR & SBR synthetic rubber (UPE layer is available)

**Temperature Range:** -30°C~+82°C (-22°F~+180°F)

\*尺寸、压力及颜色均可根据要求定制。

\*The hose dimension, pressure and color can be customized based on the requirements.

| 软管内径<br>I.D |     | 软管外径<br>O.D |     | 工作压力<br>W.P | 最小<br>爆破压力<br>Min.B.P | 最小<br>弯曲半径<br>Min.B.R | 参考重量<br>W.T |
|-------------|-----|-------------|-----|-------------|-----------------------|-----------------------|-------------|
| in          | mm  | in          | mm  | psi         | psi                   | mm                    | kg/m        |
| 2           | 51  | 2.80        | 71  | 1250        | 3750                  | 450                   | 2.85        |
| 2.5         | 64  | 3.35        | 85  | 1250        | 3750                  | 550                   | 3.70        |
| 3           | 76  | 3.62        | 103 | 1250        | 3750                  | 620                   | 5.25        |
| 3.15        | 80  | 4.25        | 108 | 1250        | 3750                  | 650                   | 6.03        |
| 3.5         | 89  | 4.53        | 115 | 1250        | 3750                  | 700                   | 6.83        |
| 5           | 127 | 6.30        | 160 | 1250        | 3750                  | 1050                  | 11.00       |

## 炉门冷却液软管

### FURNACE COOLING WATER DELIVERY HOSE

**应用范围:** 钢铁厂、玻璃厂或铸造厂等向炉门输送冷却水专用大口径软管, 冷却效率高, 使用寿命长, 适用于高温且炽热金属或玻璃飞溅的环境。

**Application:** Big diameter flexible hose specially designed for cooling water convey in steel mills, glass plans and foundries with high cooling efficiency and long service life, suitable for high-temp and hot metal or glass splashing environment.

#### 软管结构

**内胶层:** 黑色EPDM合成橡胶

**加强层:** 高张力纤维缠绕以及绝缘螺旋PP芯或螺旋钢丝

**外胶层:** 黑色NBR&PVC混合阻燃耐火橡胶/隔热层及不锈钢铠装

**温度范围:** -40°C~+100°C (-40°F~+212°F); 耐外部辐射温度540°C(1004°F)



#### Hose Construction

**Inner Tube:** black EPDM synthetic rubber

**Reinforcement:** multi-spiraled high tensile synthetic fibers and insulated spiral PP wire or helical spiral-wire

**Outer Layer:** black NBR&PVC fire retardant mixed rubber/thermal protective-layer and stainless steel armour

**Temperature Range:** -40°C~+100°C (-40°F~+212°F); The cover radiant heat:540°C (1004°F)

\*尺寸、压力及颜色均可根据要求定制。

\*The hose dimension, pressure and color can be customized based on the requirements.

| 软管内径<br>I.D |     | 软管外径<br>O.D |     | 工作压力<br>W.P | 最小<br>爆破压力<br>Min.B.P | 最小<br>弯曲半径<br>Min.B.R | 参考重量<br>W.T |
|-------------|-----|-------------|-----|-------------|-----------------------|-----------------------|-------------|
| in          | mm  | in          | mm  | psi         | psi                   | mm                    | kg/m        |
| 2           | 51  | 3.03        | 77  | 300         | 750                   | 420                   | 1.85        |
| 3           | 76  | 4.06        | 103 | 300         | 750                   | 590                   | 2.90        |
| 4           | 102 | 5.20        | 132 | 300         | 750                   | 770                   | 5.30        |
| 5           | 127 | 5.87        | 149 | 300         | 750                   | 950                   | 6.45        |
| 6           | 152 | 6.81        | 173 | 300         | 750                   | 1160                  | 7.00        |
| 8           | 203 | 9.17        | 233 | 300         | 750                   | 1400                  | 15.00       |
| 10          | 254 | 11.30       | 287 | 300         | 750                   | 1700                  | 20.00       |

 **LT1501**

## 橡胶下水道清洗软管

### RUBBER SEWER CLEANING & JETTING HOSE

**应用范围:** 高压下水道清洗专用。

**Application:** Designed for high pressure sewer cleaning.

#### 软管结构

**内胶层:** 黑色耐水SBR合成橡胶

**增强层:** 2层纤维编织

**外胶层:** 黑色耐磨合成橡胶

**温度范围:** -40°C~82°C (-40°F~180°F)



#### Hose Construction

**Inner Tube:** black water resistant SBR synthetic rubber

**Reinforcement:** two braids of synthetic fibers

**Outer Layer:** black abrasion resistant synthetic rubber

**Temperature Range:** -40°C~82°C (-40°F~180°F)

\*尺寸、压力及颜色均可根据要求定制。

\*The hose dimension, pressure and color can be customized based on the requirements.

| 软管内径<br>I.D |    | 软管外径<br>O.D |    | 工作压力<br>W.P | 最小<br>爆破压力<br>Min.B.P | 最小<br>弯曲半径<br>Min.B.R | 参考重量<br>W.T |
|-------------|----|-------------|----|-------------|-----------------------|-----------------------|-------------|
| in          | mm | in          | mm | psi         | psi                   | mm                    | kg/m        |
| 3/4         | 19 | 6           | 31 | 3625        | 7250                  | 90                    | 0.555       |
| 1           | 25 | 7           | 39 | 3625        | 7250                  | 100                   | 0.78        |
| 1 1/4       | 32 | 8           | 48 | 3625        | 7250                  | 130                   | 1.06        |





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