

L-F型食品级软管 Master-PUR L-F Food

PU抽吸/输送软管，轻型，食品级
PU suction and transport hose, very lightweight, food quality (FDA)



推荐连接件
recommended
connecting elements:



见18-23章
see also register no. 18-23

材料

管壁: 100%聚酯型聚氨酯，食品级
螺旋: 不锈钢螺旋钢丝（产品号1.4310）

Material

hose wall: 100 % polyester polyurethane,
food quality (FDA)
spiral: non rusting spring steel wire
(material no.1.4310)

应用

- 抽吸/输送软管，用于食品行业
- 输送软管，用于医药行业
- 输送软管，用于化学行业

Applications

- transport and suction hose for the food industry
- pharmaceutical industry
- chemical industry

属性

- 原材料符合食品行业的法律法规
- 无味，无臭
- 极易弯曲
- 很小的弯曲半径
- 气密性
- 几乎光滑的内壁
- 极佳的流动性
- 高拉伸强度和断裂伸长
- 无塑化剂和卤化剂
- 良好的抗紫外线和耐臭氧性
- 良好的化学性
- 根据TRBS 2153要求，适合非可燃粉尘/颗粒和低导电性的气体/液体。里面的金属丝应两端接地，以确保消除静电。
- 符合RoHS标准

Properties

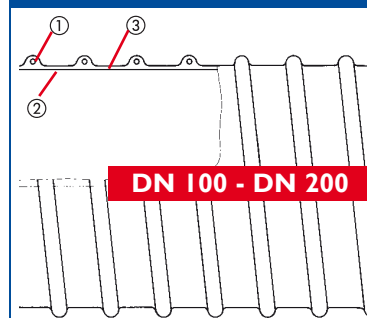
- the raw materials comply with the legal foodstuffs directives:
 - EC line:2002/72/EC
 - 2007/19/EC
 - 2008/39/EC
 - FDA-directives:21 CFR
- for further information
- taste and odourless
- extremely flexible
- small bend radius
- gas tight
- nearly smooth inside
- optimum flow characteristics
- high tensile and burst strength
- free of plastizisers and halogens
- generally good UV and ozone resistance
- good chemical resistance
- acc.to TRBS 2153 (zone 1,21) suitable for non-combustible dusts/bulk goods and gases/liquids of low conductivity.Spiral ends shall be earthed at both sides to ensure static dissipation
- RoHS compliant

温度范围

- -40 °C 至90 °C
- 短时间可达+125 °C

Temperature Range

- -40 °C up to +90 °C
- intermittent to +125 °C



结构

- ① 不动的螺旋钢丝，不锈钢制成
- ② 管壁：聚酯型聚氨酯，食品级
- ③ 壁厚是0.5mm

Construction

- ① spring steel spiral, made of stainless steel
- ② hose wall: polyester polyurethane, food quality
- ③ wall thickness between spirals ca. 0,5 mm

耐化学性

参见本目录第27章
技术参数，客户要求和运输标准见
后页

Chem.Resistance

see resistance table register no.27
Technical Data,custom designs and forms
of delivery see back page



Masterflex

L-F型食品级软管 Master-PUR L-F Food

内径 mm	工作压力 bar	真空压力 mm WG	弯曲半径 mm*	外径 mm	重量 kg/m	产品号
DN mm	work.pressure ca.bar	low pressure ca.mm WG	bending radius ca.mm*	outer - Ø ca.mm	weight ca.kg/m	article no.
100	0,460	950	55	108	0,69	310-100-501
120	0,380	950	65	129	0,82	310-120-501
125	0,380	950	70	134	0,85	310-125-501
150	0,300	650	80	159	1,02	310-150-501
160	0,300	650	85	169	1,23	310-160-501
180	0,230	650	95	189	1,38	310-180-501
200	0,230	650	105	210	1,52	310-200-501

* 表示参照软管的内壁。

上述所有数据都是在环境温度+20 °C是平均值，
有关技术参数和颜色的变动，请参照技术数据表

* Referring to the inner side of the elbow of hose.

The above mentioned data refer to an average and ambient temperature of +20 °C. Subject to technical changes and colour variations. Please refer to technical data sheet when selecting hose.

运输方式:

标准包装:

- 内径25—500mm
- 颜色: 透明
- 产品长度: 10米/卷
(压缩并裸装)

可满足客户的其它要求:

- 其它颜色
- 可打印标签
- 特殊长度
- 可作为线圈
- 特殊内径

Delivery forms:

Standard production:

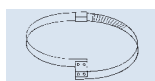
- DN 100 - DN 200
- colour: clear
- production length: 10 m
(compressed and packed in nets)

Available on request:

- coloured
- with overprint
- special lengths
- also as coils
- special diameters

相配的装配连接件 (见第18-23章)

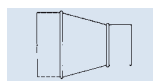
Installation and connection possibilities (see register no. 18-23):



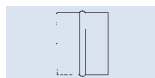
卡箍，用于螺旋钢丝
增强型聚氨酯软管*
Master-Grip
hose clamp *



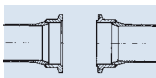
带有快速开关的卡箍，用于
螺旋钢丝增强型聚氨酯软管*
Master-Grip quick-
action hose clamp*



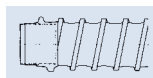
对称性变径接头*
hose reducer,
symmetrical*



软管连接件*
hose connector*



带有法兰的金属插头*
metal socket with
cone flange*



热收缩套
heat shrink cuff