

L型食品级软管 Master-PUR L Food

PU抽吸/输送软管，轻型，食品级
PU suction and transport hose, 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 (材料号: 1.4310)

Material

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

应用

- 在食品行业经过认证的输送/抽吸软管，适用于固体和液体
- 医药行业
- 化学行业

Applications

- certified transport and suction hose for solid and liquid food in the
- food industry
- pharmaceutical industry
- chemical industry

属性

- 原材料符合食品行业的法律法规
- 防微生物和防水解
- 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
- 很好的化学性
- 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。螺旋金属圈两端应接地，以确保消除静电。
- 符合RoHS标准

Properties

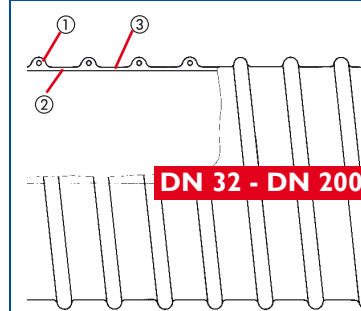
- the raw materials comply with the legal foodstuffs directives:
 - EC line:2002/72/EC
 - 2007/19/EC
 - 2008/39/EC
 - FDA-directives:
 - 21 CFR 177.2600
 - 21 CFR 178.2010
- microbe and hydrolysis resistant
- taste and odourless
- extremely flexible
- small bend radius
- gas tight
- nearly smooth inside
- optimum flow characteristics
- high tensile and burst strength
- free of plastisizers 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，防微生物防水解
- ③ 壁厚是0.7mm

Construction

- ① immovable cast spring steel spiral, made of stainless steel
- ② hose wall: polyether polyurethane, food quality, microbe resistant and hydrolysis
- ③ wall thickness between spirals ca. 0,7 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型食品级软管 Master-PUR L 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.
32	2,520	7250	40	40	0,35	I 10-032-50 I
38	2,100	6750	50	46	0,39	I 10-038-50 I
40	2,100	6750	50	48	0,40	I 10-040-50 I
50	1,680	5250	60	58	0,45	I 10-050-50 I
60	1,400	4500	70	68	0,53	I 10-060-50 I
65	1,260	3750	75	73	0,64	I 10-065-50 I
70	1,120	3750	80	78	0,68	I 10-070-50 I
75	1,120	3000	85	84	0,72	I 10-075-50 I
80	0,980	3000	90	88	0,76	I 10-080-50 I
100	0,840	2250	110	110	0,95	I 10-100-50 I
120	0,700	2250	130	129	1,12	I 10-120-50 I
125	0,700	2250	135	135	1,18	I 10-125-50 I
150	0,560	1500	165	161	1,48	I 10-150-50 I
160	0,560	1500	170	170	1,74	I 10-160-50 I
180	0,420	1500	190	190	1,90	I 10-180-50 I
200	0,420	1500	215	214	2,30	I 10-200-50 I

* 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 techni-
cal data sheet when selecting hose.

运输方式:

标准包装:

- 内径32—200mm
- 颜色: 透明
- 产品长度: 10米/卷

可满足客户的其它要求:

- 其它颜色
- 可打印标签
- 特殊长度
- 特殊内径

Delivery forms:

Standard production:

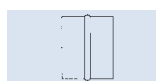
- DN 32 - DN 200
- colour: clear
- production length: 10 m

Available on request:

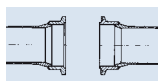
- coloured
- with overprint
- special lengths
- special diameters up to
DN 500

相配的装配连接件 (见第18-23章)

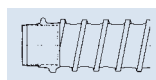
Installation and connection possibilities (see register no. 18-23):



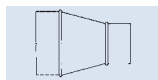
软管连接件*
hose connector*



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



热收缩套
heat shrink cuff



对称性变径接头*
hose reducer,
symmetrical*