

Master PUR HX型食品级软管 Master-PUR HX Food

PU抽吸/输送软管，重型，食品级
PU suction and transport hose, heavy, 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 (材料型号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
- 耐真空和耐压等级高
- 长的使用寿命
- 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
- 符合RoHS标准

Properties

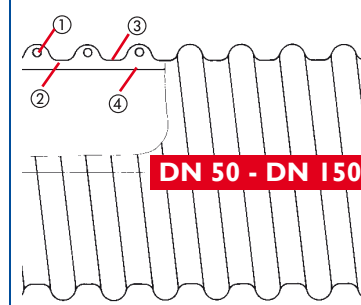
- the raw materials comply with the legal foodstuffs directives:
 - EC line:2002/72/EC
 - 2007/19/EC
 - 2008/39/EC
- FDA-directives:
 - 21 CFR 177.2600
 - 21 CFR 178.2010
- microbe and hydrolysis resistant
- taste and odourless
- good flexibility
- high vacuum and pressure rating
- long service life
- 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
- 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 不动的不锈钢螺旋钢丝
- ② 管壁: 聚酯型聚氨酯，食品级。防微生物和防水解
- ③ 根据内径不同，壁厚是1.7—2.1mm
- ④ 增强了耐磨区域

Construction

- ① immovable cast spring steel spiral, made of stainless steel
- ② hose wall: polyether polyurethane, food quality, microbe and hydrolysis resistant
- ③ wall thickness between spirals ca. 1.7 mm - 2.1 mm acc. to DN
- ④ reinforced abrasion areas

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

Master PUR HX型食品级软管 Master-PUR HX 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.
50	4,000	9600	125	61	1,04	114-050-501
60	3,600	9100	150	70	1,20	114-060-501
65	3,300	9100	165	75	1,29	114-065-501
70	3,150	9100	175	80	1,38	114-070-501
75	2,920	9100	190	87	1,61	114-075-501
80	2,770	9100	200	93	1,93	114-080-501
100	2,100	8900	250	115	2,60	114-100-501
125	1,650	8900	315	140	3,44	114-125-501
150	1,500	8370	450	167	4,13	114-150-501

* 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

可满足客户的其它要求:

- 其它颜色
- 可打印标签
- 特殊长度

Delivery forms:

Standard production:

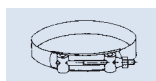
- DN 50 - DN 150
- colour: clear
- production length: 10 m

Available on request:

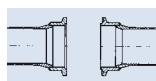
- coloured
- with overprint
- special lengths

相配的装配连接件 (见第18-23章)

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



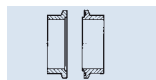
带有螺栓的卡箍*
hose clamp, bolt
clamp*



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



带有快速开关的卡箍，
用于法兰*
quick-action clamp for
cone flanges*



法兰*
welding neck cone
flange*