

Master-PUR L Food

PU Suction & Transport Hose, light duty, food-grade quality acc. to EU 10/2011 and FDA



Material

spiral: spring steel wire (stainless steel 1.4310)
 wall: pure polyether polyurethane, food-grade quality (FDA)
 wall thickness between spirals approx. 0.7 mm

Applications

- pharmaceutical industry
- chemicals industry
- food industry

Available on request

- available on request in other lengths, sizes .

Temperature Range

- -40°C to +90°C
- peaks to +125°C

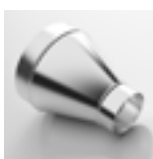
Properties

- the hose conforms with EU Guideline 10/2011
- approved for food-grade categories: A, B, C, D1, D2, E (contact durations acc. to Test Report)
- materials comply with the following food regulations:
 - FDA 21 CFR §177.2600
 - FDA 21 CFR §178.2010
- abrasion-resistant
- mostly smooth inner lining
- odourless/tasteless
- microbe and hydrolysis-resistant
- light
- very good flexibility
- smallest bending radii
- halogen and plasticizer-free
- optimum flow characteristics
- good chemical resistance
- high tensile strength
- generally good UV and ozone resistance
- acc. to TRGS 727 and ATEX 2014/34 EU, with earthing at both ends of the spiral for non-flammable dust/bulk solids in Zone 22. For gases/liquids with low conductivity of electrostatic charges in Zone 2.

Master-PUR L Food

| DN | op. pressure c. bar | vacuum c. mmWG | bend radius c. mm | outer Ø c. mm | weight c. kg/m | article no. | stock length |
|-----|------------------------|-------------------|----------------------|------------------|-------------------|-------------|--------------|
| 32 | 2,52 | 7100 | 40 | 40 | 0,35 | 110-032-501 | 10m |
| 38 | 2,10 | 6660 | 50 | 46 | 0,39 | 110-038-501 | 10m |
| 40 | 2,10 | 6600 | 48 | 48 | 0,40 | 110-040-501 | 10m |
| 45 | 1,84 | 5900 | 53 | 53 | 0,44 | 110-045-501 | / |
| 50 | 1,68 | 5200 | 58 | 58 | 0,45 | 110-050-501 | 10m |
| 55 | 1,54 | 4400 | 63 | 63 | 0,54 | 110-055-501 | / |
| 60 | 1,40 | 4400 | 68 | 68 | 0,53 | 110-060-501 | 10m |
| 65 | 1,26 | 3700 | 75 | 73 | 0,64 | 110-065-501 | 10m |
| 70 | 1,12 | 3700 | 80 | 78 | 0,68 | 110-070-501 | / |
| 75 | 1,12 | 2900 | 85 | 84 | 0,72 | 110-075-501 | 10m |
| 80 | 0,98 | 2900 | 90 | 88 | 0,76 | 110-080-501 | 10m |
| 90 | 0,84 | 2200 | 99 | 99 | 0,88 | 110-090-501 | / |
| 100 | 0,84 | 2200 | 110 | 110 | 0,95 | 110-100-501 | 10m |
| 110 | 0,70 | 2200 | 119 | 119 | 1,23 | 110-110-501 | / |
| 115 | 0,70 | 2200 | 124 | 124 | 1,28 | 110-115-501 | / |
| 120 | 0,70 | 2200 | 130 | 129 | 1,12 | 110-120-501 | / |
| 125 | 0,70 | 2200 | 135 | 135 | 1,18 | 110-125-501 | 10m |
| 130 | 0,56 | 2200 | 141 | 140 | 1,53 | 110-130-501 | / |
| 140 | 0,56 | 1500 | 153 | 150 | 1,74 | 110-140-501 | / |
| 150 | 0,56 | 1500 | 165 | 161 | 1,48 | 110-150-501 | 10m |
| 160 | 0,56 | 1500 | 170 | 170 | 1,74 | 110-160-501 | / |
| 175 | 0,42 | 1500 | 185 | 185 | 2,31 | 110-175-501 | / |
| 180 | 0,42 | 1500 | 190 | 190 | 1,90 | 110-180-501 | / |
| 200 | 0,42 | 1500 | 215 | 214 | 2,30 | 110-200-501 | / |

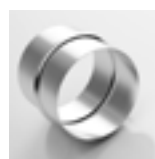
All data refers to an ambient temperature of +20 °C
 Available from stock in the above listed lengths and sizes.
 Available on request in other lengths, sizes.
 Subject to technical changes and colour deviation



Hose Reducer,
symmetrical



Combiflex PU Cast-On
Connectors, Food



Hose Connector



Master-Grip Hose Clamp,
screwable