

Master-PUR H Food A

PU Suciton & Transport Hose, medium duty, very flexible, food-grade quality acc. to EU 10/2011 and FDA, permanently antistatic



Material

spiral: spring steel wire (stainless steel 1.4310)
 wall: pure polyether polyurethane, food-grade (FDA),
 with non-migratory permanent antistatic agent
 wall thickness between spirals approx. 1.4 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 category: E (contact duration acc. to Test Report)
- the material of the wall complies with the FDA food regulations 21 CFR § 177.1680 and 21 CFR § 177.2600
- good flexibility
- small bending radii
- medium duty
- permanently antistatic, surface resistance <math>< 10^9 \text{ Ohm}</math>
- approved acc. to TRGS 727 and ATEX 2014/34 EU.
 Details acc. to certificate
- abrasion-resistant
- mostly smooth inner lining
- odourless/tasteless
- microbe and hydrolysis-resistant
- halogen and plasticizer-free
- optimum flow characteristics
- good chemical resistance
- high tensile strength
- generally good UV and ozone resistance

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| DN | op. pressure c. bar | vacuum c. mmWG | bend radius c. mm | outer Ø c. mm | weight c. kg/m | article no. | stock length |
|-----|------------------------|-------------------|----------------------|------------------|-------------------|----------------|-----------------|
| 20 | 4,30 | 9200 | 45 | 28 | 0,23 | 111FA-020-1000 | / |
| 25 | 4,16 | 9200 | 50 | 33 | 0,30 | 111FA-025-1000 | / |
| 32 | 3,25 | 9200 | 60 | 41 | 0,39 | 111FA-032-1000 | 10m |
| 38 | 3,12 | 8200 | 70 | 47 | 0,46 | 111FA-038-1000 | 10m |
| 40 | 3,00 | 8200 | 70 | 49 | 0,49 | 111FA-040-1000 | / |
| 50 | 2,90 | 7900 | 87 | 61 | 0,71 | 111FA-050-1000 | 10m |
| 60 | 2,55 | 7400 | 105 | 70 | 0,84 | 111FA-060-1000 | / |
| 65 | 2,40 | 6600 | 115 | 75 | 0,91 | 111FA-065-1000 | 10m |
| 70 | 2,25 | 6600 | 120 | 80 | 0,97 | 111FA-070-1000 | / |
| 75 | 2,00 | 5900 | 125 | 87 | 1,06 | 111FA-075-1000 | / |
| 80 | 2,00 | 5900 | 135 | 91 | 1,11 | 111FA-080-1000 | 10m |
| 100 | 1,50 | 4400 | 165 | 112 | 1,48 | 111FA-100-1000 | 10m |
| 120 | 1,30 | 3100 | 195 | 131 | 1,75 | 111FA-120-1000 | / |
| 125 | 1,30 | 3100 | 205 | 138 | 1,91 | 111FA-125-1000 | / |
| 150 | 1,05 | 2500 | 245 | 163 | 2,29 | 111FA-150-1000 | / |
| 160 | 0,90 | 2500 | 255 | 171 | 2,51 | 111FA-160-1000 | / |
| 180 | 0,75 | 1800 | 285 | 191 | 2,82 | 111FA-180-1000 | / |
| 200 | 0,75 | 1800 | 325 | 215 | 3.50 | 111FA-200-1000 | / |

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 deviations.



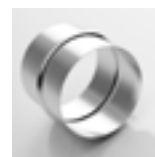
Master-Grip Quick-Fix
Clamp



Hose Reducer,
symmetrical



Combiflex PU Cast-On
Connectors, Food



Hose Connector



Master-Grip Hose Clamp,
screwable