

## Master-PUR L Trivolution

**PU Suction hose & Transport Hose, extremely flexible, light duty, antistatic, surface resistance  $< 10^9$  Ohm, microbe-resistant, hardly inflammable acc. to DIN 4102 B1**



### Technical Drawing



### Connections



### Construction



### Material

- spiral: spring steel wire
- wall: pure polyester polyurethane (acc. to DIN ISO 4649 more abrasion-resistant in comparison to polyether polyurethane)
- wall thickness between spirals approx. 0.7 mm

### Applications

- Suction/extraction of paper and textile fibres
- Transport of fine-grained particles, such as dust and powder
- Suction & transport hose for abrasive solids, liquids and gases
- Protective hose against mechanical wear
- Oil mist extraction/suction

### Properties

- hardly inflammable acc. to DIN 4102 B1
- microbe-resistant
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- approved acc. to TRGS 727 and ATEX 2014/34 EU. [Details acc. to certificate](#)
- permanently antistatic, surface resistance  $< 10^9$  Ohm
- light
- very good flexibility
- smallest bending radii
- halogen free
- optimum flow characteristics
- highly abrasion-resistant
- good resistance to chemicals, oil and fuel
- high tensile strength
- generally good UV and ozone resistance

## Temperature Range

- -40°C to +90°C
- peaks to +125°C

Product Variations (\*\*Please replace "x" with your desired hose length.)

[illegible]

|     |      |      |     |     |      |             |              |         |    |
|-----|------|------|-----|-----|------|-------------|--------------|---------|----|
| 175 | 0,42 | 0,15 | 185 | 185 | 1,85 | 110-175-401 | 000007:175:x | 5/10    | 25 |
| 180 | 0,42 | 0,15 | 190 | 190 | 1,9  | 110-180-401 | 000007:180:x | 5/10/15 | 25 |
| 200 | 0,42 | 0,15 | 210 | 210 | 2,1  | 110-200-401 | 000007:200:x | /       | 25 |
| 203 | 0,42 | 0,15 | 214 | 214 | 2,3  | 110-203-401 | 000007:203:x | 5/10/15 | 25 |
| 225 | 0,28 | 0,07 | 235 | 235 | 2,55 | 110-225-401 | 000007:225:x | 5/10    | 25 |
| 250 | 0,28 | 0,07 | 260 | 260 | 3,02 | 110-250-401 | 000007:250:x | 5/10/15 | 25 |
| 254 | 0,28 | 0,07 | 264 | 264 | 3,02 | 110-254-401 | 000007:254:x | /       | 25 |
| 275 | 0,28 | 0,07 | 284 | 284 | 3,11 | 110-275-401 | 000007:275:x | /       | 25 |
| 280 | 0,28 | 0,07 | 290 | 290 | 3,14 | 110-280-401 | 000007:280:x | 5/10    | 20 |
| 300 | 0,25 | 0,07 | 310 | 310 | 3,2  | 110-300-401 | 000007:300:x | 5/10    | 20 |
| 315 | 0,25 | 0,07 | 325 | 325 | 3,32 | 110-315-401 | 000007:315:x | 5/10    | 20 |
| 325 | 0,25 | 0,07 | 335 | 335 | 3,4  | 110-325-401 | 000007:325:x | 5/10    | 20 |
| 350 | 0,13 | 0,07 | 360 | 360 | 3,6  | 110-350-401 | 000007:350:x | 5/10    | 20 |
| 375 | 0,13 | 0,05 | 386 | 386 | 3,85 | 110-375-401 | 000007:375:x | /       | 20 |
| 400 | 0,13 | 0,05 | 410 | 411 | 4,45 | 110-400-401 | 000007:400:x | 5/10    | 20 |
| 450 | 0,13 | 0,05 | 460 | 461 | 5,06 | 110-450-401 | 000007:450:x | 5/10    | 20 |
| 500 | 0,13 | 0,05 | 510 | 511 | 5,7  | 110-500-401 | 000007:500:x | 5/10    | 20 |

All data refers to a medium and ambient temperature of +20 °C.

\* Refers to the inner hose lining

Subject to technical changes and colour deviations.

#### Available on request

- Available on request in other lengths, sizes and colours, with print.