

## Master-PUR HÜ Trivolution

**PU Suction & Transport Hose, flexible, medium duty / reinforced, antistatic, surface resistance <math>< 10^9</math> 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. 1.7 mm

### Applications

- Protective hose against mechanical wear
- Special hose for dry suction vehicles
- Light, flexible head hose

### Properties

- hardly inflammable acc. to DIN 4102 B1
- small bending radius
- good flexibility
- microbe-resistant

- permanently antistatic, surface resistance <math> < 10^9 </math> Ohm
- medium duty
- halogen free
- optimum flow characteristics
- mostly smooth inner lining
- generally good UV and ozone resistance
- highly abrasion-resistant
- good resistance to chemicals, oil and fuel

#### Temperature Range

- -40°C to +90°C
- peaks to +125°C

#### Product Variations (\*\*Please replace “x” with your desired hose length.)

| DN  | op. pressure | vacuum | bend radius | outer Ø | weight/m | old article no. | **new article no. | stock length | max. production length |
|-----|--------------|--------|-------------|---------|----------|-----------------|-------------------|--------------|------------------------|
|     | bar          | bar    | mm          | mm      | kg       |                 |                   | m            | m                      |
| 102 | 1,77         | 0,62   | 187         | 111     | 1,72     | 112-102-101     | 000150:102:x      | /            | 25                     |
| 127 | 1,54         | 0,43   | 230         | 137     | 2,18     | 112-127-101     | 000150:127:x      | 5/7,5/10     | 25                     |
| 152 | 1,26         | 0,36   | 275         | 162     | 2,38     | 112-152-101     | 000150:152:x      | /            | 25                     |

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

- Also available in reinforced version with 2.1 mm wall thickness.
- Available on request in other lengths, sizes.