

Master-PUR HÜ Trivolution

PU Suction & Transport Hose, flexible, medium duty / reinforced, 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. 1.7 mm

Applications

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

Properties

- hardly inflammable acc. to DIN 4102 B1
- small bending radius
- good flexibility
- medium duty
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- microbe-resistant
- permanently antistatic, surface resistance < 10⁹ Ohm, measured according to DIN EN ISO 8031
- mostly smooth inner lining
- optimum flow characteristics
- highly abrasion-resistant
- good resistance to chemicals, oil and fuel
- generally good UV and ozone resistance
- halogen and plasticizer-free
- approved according to TRGS 727 and ATEX 2014/34 EU. [Details according to certificate.](#)

Temperature Range

- -40°C to +90°C
- peaks to +125°C

Product Variations

DN	op. pressure	vacuum	bend radius	outer Ø	weight/m	article no.	stock length	max. production length
	bar	bar	mm	mm	kg		m	m
102	1,77	0,62	187	111	1,72	000150:102:x	/	25
127	1,54	0,43	230	137	2,18	000150:127:x	5/7,5/10	25
152	1,26	0,36	275	162	2,38	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 2.1mm wall thickness.
- Available on request in other lengths, sizes and colours, with print.