

Master-PUR HÜ S Trivolution

PU Suction hose & Transport Hose, flexible, medium duty / reinforced, very smooth inner lining, 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 - 2.1 mm, depending on DN

Applications

- Special transport hose for the delivery of abrasive media
- medium duty, flexible working hose
- Protective hose against mechanical wear

Properties

- flexible
- hardly inflammable acc. to DIN 4102 B1
- small bending radius
- reinforced version of standard version Master-PUR HÜ
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- microbe-resistant
- heavy
- 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
- high tensile strength
- 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
100	2	0,74	230	113	2,13	000152:100:x	/	25
125	1,6	0,52	290	138	2,81	000152:125:x	/	25
150	1,45	0,43	410	163	3,37	000152:150: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

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