

Master-PUR HX S

PU Suction hose & Transport Hose, highly abrasion resistant and vacuum proof, very smooth inner lining, antistatic, surface resistance < 10^9 Ohm, microbe-resistant



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. 3.5 mm

Applications

- Refurbishment of rail systems
- Flat-roof gravelling
- Working hose for silo vehicles and cargo depots
- Suction & transport hose for quarries, cement works, shipyards and docks
- Roof greening
- Vacuum/suction vehicles
- Transport of glass wool, mineral wool, slag, mill scale and sinter

Properties

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- flexible
- extremely abrasion resistant
- microbe-resistant
- extra heavyweight
- smooth inner lining
- high vacuum and apex pressure resistance
- highly durable, long service lives
- permanently antistatic, surface resistance < 10⁹ Ohm, measured according to DIN EN ISO 8031
- optimum flow characteristics
- 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
51	4,85	0,94	150	64	1,3	000186:051:x	/	20
76	4,15	0,94	225	89	2,1	000186:076:x	/	20
102	3,15	0,94	300	114	3,2	000186:102:x	/	20
127	2,55	0,94	325	140	3,9	000186:127:x	/	20
152	2,25	0,94	350	165	5,1	000186:152:x	/	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.