

Master-PUR HX S Trivolution

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

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

Properties

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- extremely abrasion resistant
- microbe-resistant
- permanently antistatic, surface resistance <math> < 10^9 </math> Ohm
- extra heavyweight
- flexible
- high vacuum and apex pressure resistance
- highly durable, long service lives
- halogen free
- optimum flow characteristics
- smooth inner lining
- generally good UV and ozone resistance
- high tensile strength
- 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
51	4,85	0,94	150	64	1,3	117-051-101	000186:051:x	/	20
76	4,15	0,94	225	89	2,1	117-076-101	000186:076:x	/	20
102	3,15	0,94	300	114	3,2	117-102-101	000186:102:x	/	20
127	2,55	0,94	325	140	3,9	117-127-101	000186:127:x	/	20
152	2,25	0,94	350	165	5,1	117-152-101	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.