

# Master-PUR STEP MHR

PU Film Hose, crush-resistant, microbe & hydrolysis-resistant



Technical Drawing



Connections



Construction



## Material

- spiral: plastic-profile helix
- wall: pure polyether polyurethane, microbe resistant
- Wall thickness between spirals c. 0.6 mm

## Applications

- Suction & transport hose for abrasive solids, for which microbe and hydrolysis resistance is required
- Light suction hose for municipal vehicles
- Lawnmowers
- Leaf vacuums/blowers

## Properties

- flexible at cold temperatures
- high tension/tear-proof
- vibration-proof
- extremely flexible
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- crush-resistant
- light
- free of halogens and heavy metals
- smallest bending radii
- mostly smooth inner lining
- microbe and hydrolysis-resistant
- highly abrasion-resistant
- good resistance to chemicals, oil and fuel
- generally good UV and ozone resistance

#### 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
80	0,8	0,31	80	100	0,72	311-080-498	000400:80:x	/	25
100	0,7	0,28	98	118	0,87	311-100-498	000400:100:x	/	25
102	0,7	0,28	100	120	0,88	311-102-498	000400:102:x	/	25
120	0,63	0,23	120	140	1,05	311-120-498	000400:120:x	/	25
127	0,54	0,18	127	143,4	1,23	311-127-498	000400:127:x	/	25
150	0,51	0,17	148	168	1,28	311-150-498	000400:150:x	/	25
152	0,5	0,17	150	170	1,3	311-152-498	000400:152:x	/	25
160	0,45	0,15	160	180	1,39	311-160-498	000400:160:x	/	25
180	0,4	0,11	180	200	1,56	311-180-498	000400:180:x	/	25
200	0,31	0,08	197	217	1,7	311-200-498	000400:200:x	/	25
203	0,3	0,07	200	220	1,72	311-203-498	000400:203: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 other lengths, sizes.