



Master-PUR L MHR A

Article Master No.: 000015

PU Suction & Transport Hose, light duty, highly flexible, microbe & hydrolysis-resistant, antistatic



antistatic



hydrolysis
resistant



microbe
resistant



transparen
t



flexible



light



moderatel
y pressure
resistant

Product Details

Construction / Material

- Type of construction: profile extruded hose with metal spiral
- Spiral Design: made of steel wire
- Material of the spiral: spring steel
- Execution of the wall: made of pure material, made of specified material, addition of a non-migrating permanent antistatic agent, wall thickness between the spirals approx. 0.7 mm
- Material of the wall: Polyether Polyurethane
- Specifications of the wall: surface resistance $R_0 < 10^9$ Ohm, measured according to DIN EN ISO 8031

Properties

- Specifications of the product: complies with DIN 26057, according to TRGS 727 and ATEX 2014/34 EU
- Chemical Properties: microbe-resistant, halogen-free, good resistance to chemicals, good UV resistance, good resistance to oil, good resistance to petrol, good ozone resistance, hydrolysis resistant
- Flexibility: flexible
- Physical Properties: permanently antistatic
- Weight: light
- Pressure Resistance: moderately pressure resistant

Operating Temperature

- Temperature Range: -40 - 90
- short-term maximum temperature: peaks to 125 °C

Delivery Information

Application Areas

- Areas of application: Agriculture, Industry, Aerospace technology, Bulk & Construction, Sea & Rail transport, Food & Pharma, Waste Disposal & Cleaning Technology, Textile, Printing & Paper, Vehicle Construction

Customizing Options

- optional item modification (on request): other nominal widths, other colours, with customer-specific imprint

Article Variants

Extended Article Number	Article number	Nominal Size (DN) mm	Outer diameter mm	Bending radius* mm	Weight kg/m	Operating pressure bar	Negative pressure bar	Max. Production length m	Stock Lengths m
000015:25:x	000015	25	30	30	0.24	3.23	0.80	25.00	/
000015:26:x	000015	26	31	31	0.25	3.22	0.79	25.00	/
000015:32:x	000015	32	40	40	0.35	2.52	0.71	25.00	/
000015:38:x	000015	38	46	46	0.39	2.10	0.66	25.00	/
000015:40:x	000015	40	48	48	0.40	2.10	0.66	25.00	/
000015:45:x	000015	45	53	53	0.42	1.84	0.59	25.00	/
000015:51:x	000015	51	58	58	0.45	1.68	0.52	25.00	/
000015:55:x	000015	55	63	63	0.51	1.54	0.44	25.00	/
000015:60:x	000015	60	68	68	0.53	1.40	0.44	25.00	/
000015:65:x	000015	65	73	73	0.64	1.26	0.37	25.00	/
000015:70:x	000015	70	78	78	0.68	1.12	0.37	25.00	/
000015:76:x	000015	76	84	84	0.72	1.12	0.29	25.00	/
000015:80:x	000015	80	88	88	0.76	0.98	0.29	25.00	/
000015:90:x	000015	90	99	99	0.88	0.84	0.22	25.00	/
000015:102:x	000015	102	110	110	0.95	0.84	0.22	25.00	/
000015:110:x	000015	110	119	119	1.03	0.70	0.22	25.00	/
000015:115:x	000015	115	124	124	1.06	0.70	0.22	25.00	/
000015:120:x	000015	120	129	129	1.12	0.70	0.22	25.00	/
000015:127:x	000015	127	135	135	1.18	0.70	0.22	25.00	/
000015:130:x	000015	130	139	139	1.20	0.56	0.22	25.00	/
000015:152:x	000015	152	161	161	1.48	0.56	0.15	25.00	/
000015:160:x	000015	160	170	170	1.74	0.56	0.15	25.00	/
000015:170:x	000015	170	180	180	1.80	0.42	0.15	25.00	/
000015:180:x	000015	180	190	190	1.90	0.42	0.15	25.00	/
000015:203:x	000015	203	214	214	2.30	0.42	0.15	25.00	/
000015:225:x	000015	225	235	235	2.55	0.28	0.07	25.00	/
000015:250:x	000015	250	260	260	3.02	0.28	0.07	25.00	/
000015:254:x	000015	254	264	264	3.03	0.28	0.07	25.00	/
000015:275:x	000015	275	284	284	3.11	0.28	0.07	25.00	/
000015:280:x	000015	280	290	290	3.14	0.28	0.07	25.00	/

Extended Article Number	Article number	Nominal Size (DN) mm	Outer diameter mm	Bending radius* mm	Weight kg/m	Operating pressure bar	Negative pressure bar	Max. Production length m	Stock Lengths m
000015:300:x	000015	300	310	310	3.20	0.25	0.07	20.00	/
000015:315:x	000015	315	325	325	3.32	0.25	0.07	20.00	/
000015:325:x	000015	325	335	335	3.40	0.25	0.07	20.00	/
000015:350:x	000015	350	360	360	3.60	0.13	0.07	20.00	/
000015:375:x	000015	375	386	386	3.85	0.13	0.05	20.00	/
000015:400:x	000015	400	411	410	4.45	0.13	0.05	20.00	/
000015:450:x	000015	450	461	460	5.06	0.13	0.05	20.00	/
000015:500:x	000015	500	511	510	5.70	0.13	0.05	20.00	/

All data refer to a medium and ambient temperature of +20°C.

Specification of the bending radius related to the inside of the hose bend

Subject to technical changes and colour deviations

Delivery Variants

Available in other lengths, other nominal diameters, with customer-specific customer-specific imprint.

Disposal instructions

After use, the product must be disposed of in accordance with the legal regulations applicable in the user's region (in Germany in accordance with the applicable Waste Catalogue Ordinance (AVV)).

Possible Connection Elements



Master-Grip Hose Clamp, screwable

Special clamp for fastening light and medium-weight, right-handed spiral hoses such as Flamex B-se, Flamex B-F se, Master-PUR Trivolution, Master-PVC and Master-SANTO



Master-Grip Hose Clamp, screwable, Steel quality W4, stainless steel 1.4301

Special clamp for fastening light and medium-weight, right-handed spiral hoses such as Flamex B-se, Flamex B-F se, Master-PUR Trivolution, Master-PVC and Master-SANTO



Master-Grip Quick-Fix Clamp

Special clamp for fastening light and medium-weight, right-hand spiral hoses such as Flamex B-se, Flamex B-F se, Master-PUR Trivolution, Master-PVC and Master-SANTO



Hose connector

Sheet steel connector for extending, connecting and joining light to medium-weight hoses



Combiflex PU Screw Cuff EL

PU end fitting for Master-PUR L/H and Master-PVC L/H hoses, electrically conductive



Combiflex PU Threaded Sockets

PU threaded connector for all Master-PUR L, Master-PUR H and Master-PUR HX hose types, based on DIN ISO 228

Individual consultation

We offer consultation by phone:
+49 209 97077-112

Product requests via
masterflex.de/en

Address Headquarters

Masterflex SE
Willy-Brandt-Allee 300
45981 Gelsenkirchen

