

## Master-PUR L MHR

Article Master No.: 000010

PU Suction & Transport Hose, lightweight, microbe & hydrolysis-resistant



hydrolysis resistant



microbe resistant



transparent



flexible



light



moderately 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, wall thickness between the spirals approx. 0.7 mm
- Material of the wall: Polyether Polyurethane

#### 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, plasticiser-free
- Flexibility: flexible
- Weight: light
- Pressure Resistance: moderately pressure resistant
- Colour: transparent

#### 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, Chemistry, Food & Pharma, Waste Disposal & Cleaning Technology, Textile, Printing & Paper, Vehicle Construction

### Customizing Options

- optional item modification (on request): other colours, other lengths, other nominal widths, 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
000010:25:x	000010	25	30	30	0.24	3.22	0.79	25.00	/
000010:26:x	000010	26	31	31	0.25	3.22	0.79	25.00	/
000010:32:x	000010	32	40	40	0.35	2.52	0.71	25.00	/
000010:38:x	000010	38	46	46	0.39	2.10	0.66	25.00	/
000010:40:x	000010	40	48	48	0.40	2.10	0.66	25.00	/
000010:45:x	000010	45	53	53	0.42	1.84	0.59	25.00	/
000010:51:x	000010	51	58	58	0.45	1.68	0.52	25.00	/
000010:55:x	000010	55	63	63	0.51	1.54	0.44	25.00	/
000010:60:x	000010	60	68	68	0.53	1.40	0.44	25.00	/
000010:65:x	000010	65	73	73	0.64	1.26	0.37	25.00	/
000010:70:x	000010	70	78	78	0.68	1.12	0.37	25.00	/
000010:76:x	000010	76	84	84	0.72	1.12	0.29	25.00	/
000010:80:x	000010	80	88	88	0.76	0.98	0.29	25.00	/
000010:90:x	000010	90	99	99	0.88	0.84	0.22	25.00	/
000010:102:x	000010	102	110	110	0.95	0.84	0.22	25.00	5, 10
000010:110:x	000010	110	119	119	1.03	0.70	0.22	25.00	/
000010:115:x	000010	115	124	124	1.06	0.70	0.22	25.00	/
000010:120:x	000010	120	129	129	1.12	0.70	0.22	25.00	/
000010:127:x	000010	127	135	135	1.18	0.70	0.22	25.00	/
000010:130:x	000010	130	139	139	1.20	0.56	0.22	25.00	/
000010:150:x	000010	150	159	159	1.46	0.56	0.15	25.00	/
000010:160:x	000010	160	170	170	1.74	0.56	0.15	25.00	/
000010:170:x	000010	170	180	180	1.80	0.42	0.15	25.00	/
000010:180:x	000010	180	190	190	1.90	0.42	0.15	25.00	/
000010:203:x	000010	203	214	214	2.30	0.42	0.15	25.00	5, 10
000010:225:x	000010	225	235	235	2.55	0.28	0.07	25.00	/
000010:250:x	000010	250	260	260	3.02	0.28	0.07	25.00	/
000010:254:x	000010	254	264	264	3.02	0.28	0.07	25.00	/
000010:275:x	000010	275	284	284	3.11	0.28	0.07	25.00	/
000010:280:x	000010	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
000010:300:x	000010	300	310	310	3.20	0.25	0.07	20.00	/
000010:315:x	000010	315	325	325	3.32	0.25	0.07	20.00	/
000010:325:x	000010	325	335	335	3.40	0.25	0.07	20.00	/
000010:350:x	000010	350	360	360	3.60	0.13	0.07	20.00	/
000010:375:x	000010	375	386	386	3.85	0.13	0.05	20.00	/
000010:400:x	000010	400	411	410	4.45	0.13	0.05	20.00	/
000010:450:x	000010	450	461	460	5.06	0.13	0.05	20.00	/
000010:500:x	000010	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)).

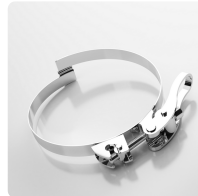
## Possible Connection Elements



**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



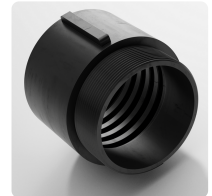
**Master-Grip Quick-Fix Clamp**  
Special clamp for fastening light and medium-weight, right-hand spiral hoses such as Flamex B-se, Flamex B-F se, Master-PUR Trivolution, Master-PVC and Master-SANTO



**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](http://masterflex.de/en)

### Address Headquarters

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