



## Master-PUR M HT 125

Article Master No.: 009029

Suction hose & Transport Hose, medium weight, constant temperature resistant up to 125 °C, good flexibility, permanently antistatic



antistatic



flexible



medium heavy



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 specified material / wall thickness between the spirals approx. 1.0 mm
- Material of the wall: made of high temperature polyurethane (more temperature resistant than standard polyurethane)
- Specifications of the wall: surface resistance  $R_0 < 10^9$  Ohm, measured according to DIN EN ISO 8031

#### Properties

- Specifications of the product: according to TRGS 727 and ATEX 2014/34 EU, with grounding on both sides of the spiral for aspirative and pneumatic conveying of non-flammable dusts and bulk materials in zone 22. For conveying gases and liquids with low conductivity in zone 2.
- Chemical Properties: good resistance to petrol / good resistance to chemicals / good resistance to oil
- Mechanical Properties: excellent mechanical tensile strength and tear resistance
- Flexibility: flexible
- Weight: medium heavy
- Pressure Resistance: moderately pressure resistant

### Operating Temperature

- Temperature Range: -30 to 125 °C
- short-term maximum temperature: peaks to 150 °C

### Delivery Information

### Application Areas

- Areas of application: Plant & Mechanical Engineering / Robotics & Automation

### Customizing Options

## 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	Length (standard lengths available for order) m
009029:25:x	009029	25	31	20	0.25	2.41	0.58	25.00	/	5 / 10 / 15 / 20
009029:26:x	009029	26	32	20	0.25	2.39	0.58	25.00	/	5 / 10 / 15 / 20
009029:38:x	009029	38	45	27	0.38	1.77	0.53	25.00	/	5 / 10 / 15 / 20
009029:40:x	009029	40	47	29	0.39	1.69	0.52	25.00	/	5 / 10 / 15 / 20
009029:51:x	009029	51	58	36	0.54	1.54	0.51	25.00	/	5 / 10 / 15 / 20
009029:55:x	009029	55	63	39	0.61	1.54	0.47	25.00	/	5 / 10 / 15 / 20
009029:60:x	009029	60	68	48	0.65	1.42	0.46	25.00	/	5 / 10 / 15 / 20
009029:65:x	009029	65	73	53	0.71	1.33	0.42	25.00	/	5 / 10 / 15 / 20
009029:70:x	009029	70	78	59	0.75	1.24	0.41	25.00	/	5 / 10 / 15 / 20
009029:76:x	009029	76	85	68	0.81	1.12	0.37	25.00	/	5 / 10 / 15 / 20
009029:80:x	009029	80	89	77	0.86	1.09	0.35	25.00	/	5 / 10 / 15 / 20
009029:90:x	009029	90	100	87	1.14	0.88	0.32	25.00	/	5 / 10 / 15 / 20
009029:127:x	009029	127	137	114	1.41	0.67	0.19	25.00	/	5 / 10 / 15 / 20
009029:152:x	009029	152	162	146	1.78	0.52	0.16	25.00	/	5 / 10 / 15 / 20
009029:200:x	009029	200	211	212	2.13	0.37	0.11	25.00	/	5 / 10 / 15 / 20

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)).

## Suitable for the product



**Hose Clamp with Bolts**  
special clamp for fastening medium and heavy spiral hoses to connection pipes on mobile and stationary units



**Hose Clamp with Bolts, Steel quality W4, stainless steel 1.4301**  
Special clamp for fastening medium and heavy spiral hoses to connection pipes on mobile and stationary units

### Individual consultation

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

Product requests via  
[masterflex.de/en](https://www.masterflex.de/en)

### Address Headquarters

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