



## 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



very 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
- Chemical Properties: good resistance to petrol, good resistance to chemicals, good resistance to oil
- Mechanical Properties: excellent tensile and tear strength
- Flexibility: very flexible
- Weight: medium heavy
- Pressure Resistance: moderately pressure resistant

#### Operating Temperature

- Temperature Range: -30 - 125
- 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
009029:25:x	009029	25	31	20	0.25	2.41	0.58	25.00
009029:26:x	009029	26	32	20	0.25	2.39	0.58	25.00
009029:38:x	009029	38	45	27	0.38	1.77	0.53	25.00
009029:40:x	009029	40	47	29	0.39	1.69	0.52	25.00
009029:51:x	009029	51	58	36	0.54	1.54	0.51	25.00
009029:55:x	009029	55	63	39	0.61	1.54	0.47	25.00
009029:60:x	009029	60	68	48	0.65	1.42	0.46	25.00
009029:65:x	009029	65	73	53	0.71	1.33	0.42	25.00
009029:70:x	009029	70	78	59	0.75	1.24	0.41	25.00
009029:76:x	009029	76	85	68	0.81	1.12	0.37	25.00
009029:80:x	009029	80	89	77	0.86	1.09	0.35	25.00
009029:90:x	009029	90	100	87	1.14	0.88	0.32	25.00
009029:127:x	009029	127	137	114	1.41	0.67	0.19	25.00
009029:152:x	009029	152	162	146	1.78	0.52	0.16	25.00
009029:200:x	009029	200	211	212	2.13	0.37	0.11	25.00

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.

## Possible Connection Elements



**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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