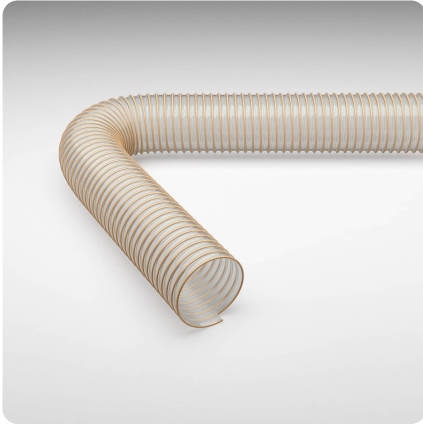




## Master-PUR H HT 125

Article Master No.: 009027

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. 1.4 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 / very good resistance to chemicals / good resistance to oil
- 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 |
|-------------------------|----------------|----------------------|-------------------|--------------------|-------------|------------------------|-----------------------|--------------------------|-----------------|-------------------------------------------------|
| 009027:25:x             | 009027         | 25                   | 32                | 20                 | 0.26        | 4.02                   | 0.92                  | 25.00                    | /               | 5 / 10 / 15 / 20                                |
| 009027:26:x             | 009027         | 26                   | 33                | 20                 | 0.26        | 3.99                   | 0.92                  | 25.00                    | /               | 5 / 10 / 15 / 20                                |
| 009027:38:x             | 009027         | 38                   | 47                | 29                 | 0.43        | 2.95                   | 0.82                  | 25.00                    | /               | 5 / 10 / 15 / 20                                |
| 009027:40:x             | 009027         | 40                   | 49                | 30                 | 0.45        | 2.83                   | 0.82                  | 25.00                    | 10              | 5 / 10 / 15 / 20                                |
| 009027:51:x             | 009027         | 51                   | 61                | 38                 | 0.64        | 2.58                   | 0.82                  | 25.00                    | 10              | 5 / 10 / 15 / 20                                |
| 009027:55:x             | 009027         | 55                   | 65                | 42                 | 0.75        | 2.58                   | 0.76                  | 25.00                    | /               | 5 / 10 / 15 / 20                                |
| 009027:60:x             | 009027         | 60                   | 70                | 48                 | 0.83        | 2.38                   | 0.74                  | 25.00                    | 10              | 5 / 10 / 15 / 20                                |
| 009027:63:x             | 009027         | 63                   | 73                | 34                 | 0.84        | 2.29                   | 0.71                  | 25.00                    | /               | 5 / 10 / 15 / 20                                |
| 009027:65:x             | 009027         | 65                   | 75                | 53                 | 0.90        | 2.23                   | 0.66                  | 25.00                    | /               | 5 / 10 / 15 / 20                                |
| 009027:70:x             | 009027         | 70                   | 80                | 60                 | 0.95        | 2.08                   | 0.66                  | 25.00                    | /               | 5 / 10 / 15 / 20                                |
| 009027:76:x             | 009027         | 76                   | 87                | 71                 | 1.05        | 1.88                   | 0.59                  | 25.00                    | /               | 5 / 10 / 15 / 20                                |
| 009027:80:x             | 009027         | 80                   | 91                | 80                 | 1.10        | 1.83                   | 0.59                  | 25.00                    | /               | 5 / 10 / 15 / 20                                |
| 009027:90:x             | 009027         | 90                   | 101               | 93                 | 1.22        | 1.48                   | 0.52                  | 25.00                    | /               | 5 / 10 / 15 / 20                                |
| 009027:102:x            | 009027         | 102                  | 113               | 76                 | 1.69        | 1.30                   | 0.45                  | 25.00                    | /               | 5 / 10 / 15 / 20                                |
| 009027:127:x            | 009027         | 127                  | 138               | 123                | 1.85        | 1.13                   | 0.31                  | 25.00                    | /               | 5 / 10 / 15 / 20                                |
| 009027:152:x            | 009027         | 152                  | 163               | 155                | 2.30        | 0.88                   | 0.26                  | 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://masterflex.de/en)

### Address Headquarters

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