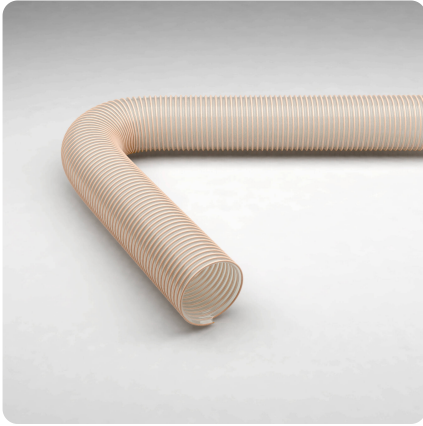


## Master-PUR HÜ Trivolution

Article Master No.: 000150

PU Suction & Transport Hose, flexible, medium duty / reinforced, antistatic, microbe-resistant, hardly inflammable acc. to DIN 4102 B1



antistatic



microbe  
resistant



flame  
retardant



transparen  
t



moderatel  
y flexible



heavy



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. 1.7 mm
- Material of the wall: Polyester Polyurethane
- Specifications of the wall: surface resistance  $R_0 < 10^9$  Ohm, measured according to DIN EN ISO 8031, material is more abrasion resistant than comparable polyurethane according to DIN ISO 4649, flame retardant according to DIN 4102 B1

#### Properties

- Specifications of the product: 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, plasticiser-free
- Flexibility: moderately flexible
- Physical Properties: permanently antistatic
- Weight: heavy

- Pressure Resistance: pressure resistant
- Colour: transparent

Operating Temperature

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

Delivery Information

- Delivery, type of production: various nominal widths in standard lengths are available ex-production, individual nominal widths and lengths also ex-stock

Application Areas

- Areas of application: Bulk & Construction, Chemistry, Food & Pharma, Waste Disposal & Cleaning Technology, Plastics

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 |
|-------------------------|----------------|----------------------|-------------------|--------------------|-------------|------------------------|-----------------------|--------------------------|-----------------|
| 000150:102:x            | 000150         | 102                  | 111               | 187                | 1.72        | 1.77                   | 0.62                  | 25.00                    | /               |
| 000150:127:x            | 000150         | 127                  | 137               | 230                | 2.18        | 1.54                   | 0.43                  | 25.00                    | 5, 7.50, 10, 20 |
| 000150:152:x            | 000150         | 152                  | 162               | 275                | 2.38        | 1.26                   | 0.36                  | 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.

## 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



**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)

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