



## 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



transparent



moderately 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
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.

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

### Address Headquarters

Masterflex SE  
Willy-Brandt-Allee 300  
45981 Gelsenkirchen

