



Master-PUR HÜ S Trivolution

Article Master No.: 000152

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

antistatic | microbe resistant | flame retardant | transparent | moderately flexible | 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 pure material, made of specified material, addition of a non-migrating permanent antistatic agent, wall thickness between the spirals approx. 2.0 mm
- Material of the wall: polyester polyurethane
- Specifications of the wall: surface resistance $R_o < 10^9$ Ohm, measured according to DIN EN ISO 8031, according to DIN ISO 4649, the material is more abrasion-resistant than rubber (approx. a factor of 4) or soft PVC (approx. a factor of 3), flame retardant according to DIN 4102 B1

Properties

- Specifications of the product: according to TRGS 727 and ATEX 2014/34 EU, see « Downloads and Certificates «
- 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: moderately pressure resistant
- Colour: transparent

Operating Temperature

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

Delivery Information

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

Application Areas

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

Customizing Options

- optional item modification (on request): other lengths, other nominal widths, with customer-specific imprint

Article Variants

Extended Article Number	Nominal Size (DN) in mm	Outer diameter in mm	Bending radius* in mm	Weight in kg/m	Operating pressure in bar	Negative pressure in bar	Max. Production length in m	Length (standard lengths available for order) in m
000152:125:x	125	138	290	2.81	1.60	0.52	25.00	10 / 20 / 25
000152:150:x	150	163	410	3.37	1.45	0.43	25.00	10 / 20 / 25

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 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



Combiflex PU Cone Flange, screwable
screw-on quick connector system for all Master-PUR L, Master-PUR H and Master-PUR HX hose types, following DIN 3016



Combiflex PU Swivel Flange
screw-on plastic collar with loose flange for Master-PUR L, Master-PUR H, Master-PUR HX and Master-PUR Performance, for counterflanges acc. to DIN 2632 / DIN 2633 / DIN 2673



Individual consultation

We offer consultation by phone: **+49 209 97077 0**

Product requests via: **https://www.masterflex-slang.nl/**

Headquarters for your sales area

Masterflex SE

Willy-Brandt-Allee 300
45891 Gelsenkirchen
Germany