



Master-PUR Inline

Article Master No.: 000195

PU Suction hose & Transport Hose, extremely abrasion resistant, vacuum proof, seamless, very smooth inner lining, antistatic, microbe-resistant

antistatic | microbe resistant | hydrolysis resistant | moderately flexible | heavy | very 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. 5.5 mm
- Specifications of the wall: surface resistance $R_o < 10^9$ Ohm, measured according to DIN EN ISO 8031
- Material of the inner layer: polyether polyurethane
- Specifications of the inner layer: extremely abrasion-resistant, super-strong inliner made of polyurethane 60° Shore A
- Material of the outer layer: polyester polyurethane

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: very pressure resistant
- Colour: colour of the interior wall
- Other: high vacuum and good pressure resistance, particularly smooth on the inside, configurable as a hose system with digital interface for compatibility with the AMPIUS® app

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: Industry, Bulk & Construction, Chemistry, Food & Pharma, Waste Disposal & Cleaning Technology, Plastics, Textile, Metal & Toolmaking

Customizing Options

- optional item modification (on request): other colours, 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	Stock Lengths in m	Length (standard lengths available for order) in m
000195:38:x	38	56	150	1.72	4.65	0.94	20.00		2,5 / 5 / 7,5 / 10 / 15 / 20
000195:40:x	40	58	160	1.79	4.50	0.94	20.00		2,5 / 5 / 7,5 / 10 / 15 / 20
000195:51:x	51	70	200	1.64	4.13	0.94	20.00	7,5 / 10	2,5 / 5 / 15 / 20
000195:65:x	65	85	300	2.02	3.90	0.94	20.00	10	2,5 / 5 / 7,5 / 15 / 20
000195:76:x	76	97	400	3.44	3.75	0.94	20.00	5	2,5 / 7,5 / 10 / 15 / 20
000195:80:x	80	99	410	2.69	3.38	0.94	20.00		2,5 / 5 / 7,5 / 10 / 15 / 20
000195:102:x	102	122	430	4.39	3.00	0.94	20.00		2,5 / 5 / 7,5 / 10 / 15 / 20
000195:115:x	115	136	440	4.90	2.60	0.94	15.00		2,5 / 5 / 7,5 / 10 / 15
000195:127:x	127	148	450	5.69	2.40	0.94	15.00		2,5 / 5 / 7,5 / 10 / 15
000195:152:x	152	175	600	7.30	1.95	0.94	15.00		2,5 / 5 / 7,5 / 10 / 15
000195:175:x	175	198	700	7.48	1.80	0.77	10.00		2,5 / 5 / 7,5 / 10
000195:180:x	180	202	700	7.68	1.65	0.75	10.00		2,5 / 5 / 7,5 / 10
000195:200:x	200	223	800	10.01	1.35	0.67	10.00		2,5 / 5 / 7,5 / 10
000195:203:x	203	227	800	10.20	1.35	0.67	10.00		2,5 / 5 / 7,5 / 10
000195:250:x	250	271	1000	12.07	0.95	0.50	10.00		2,5 / 5 / 7,5 / 10

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



Combiflex Cast-on PU Fixed Flange
Fixed PU flange for all Master-PUR hoses, for counterflanges to DIN 2632 / DIN 2633 / DIN 2673



Combiflex Cast-on PU Swivel Flange
Fixed cast-on PU loose flange for all Master-PUR hoses, for counterflanges to DIN 2632 / DIN 2633 / DIN 2673



Clamp Collars, screwed
Clamp collars according to DIN EN 14420-3



Combiflex PU Cone Flange permanently installed
fixed quick connector system for all Master-PUR L, Master-PUR H and Master-PUR HX hoses, following DIN 3016



Individual consultation

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

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

Headquarters for your sales area

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