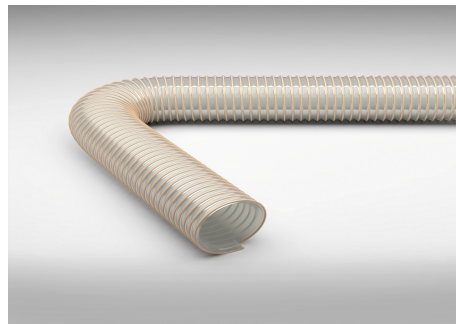


MASTER-PUR PERFORMANCE

Ref 000210

PU suction hose & transport hose, extremely abrasion-resistant & vacuum-proof, seamless smooth



Antistatic

Microbe resistant

Flexible

Pressure resistant

-40 to +90 °C

CONSTRUCTION & MATERIALS

- Construction: profile extruded hose with metal spiral
- Spiral Design: made of steel wire
- Material of the spiral: spring steel
- Wall: made of highly abrasion-resistant material / made of pure material / made of specified material / addition of a non-migrating permanent antistatic agent / wall thickness approx. 2.5 mm
- Specifications of the wall: surface resistance $R < 10^9$ Ohm, measured according to DIN EN ISO 8031
- 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
- Chemical resistance: 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: 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

TEMPERATURE

- Operating range: -40 to 90 °C
- Short-term peak: peaks to 125 °C

APPLICATIONS & INDUSTRIES

- Applications: Agriculture / Automotive / Plant & Mechanical Engineering / Industry / Semiconductor Industry / Ventilation & Air-conditioning / Bulk & Construction / Chemistry / Food & Pharma / Waste Disposal & Cleaning Technology / Plastics / Conveying, lifting & feeding technology / Textile / Printing & Paper / Metal & Toolmaking

STANDARDS & COMPLIANCE

- ATEX 2014/34/EU, TRGS 727

VARIANT SPECIFICATIONS

20 sizes · DN 38 to 250 mm

Article no.	DN (mm)	Outer Ø (mm)	Bend radius (mm)	Weight (kg/m)	Working press. (bar)	Vacuum (bar)
000210:38:x	38	50	130	0.80	4.35	0.94
000210:40:x	40	52	135	0.80	4.25	0.94
000210:45:x	45	57	155	1.00	4.12	0.94
000210:51:x	51	66	170	1.20	4.00	0.94
000210:55:x	55	72	175	1.30	3.80	0.94
000210:60:x	60	77	185	1.50	3.70	0.94
000210:65:x	65	82	190	1.60	3.50	0.94
000210:76:x	76	93	250	1.90	3.15	0.94
000210:80:x	80	97	270	2.10	2.90	0.94
000210:90:x	90	107	285	2.40	2.70	0.94
000210:102:x	102	119	300	2.60	2.50	0.94
000210:115:x	115	132	325	3.00	2.30	0.94
000210:127:x	127	144	350	3.30	2.00	0.94
000210:140:x	140	154	370	3.46	1.80	0.94
000210:152:x	152	169	400	3.70	1.50	0.94
000210:175:x	175	190	770	4.60	1.10	0.70
000210:180:x	180	195	780	4.70	1.00	0.68
000210:200:x	200	215	840	5.00	0.80	0.55
000210:203:x	203	215	840	5.00	0.88	0.55
000210:250:x	250	268	1500	-	-	-

Lengths. Supplied in standard stock lengths — see flex-appeal.co.uk for available sizes.