

MASTER-PUR L TRIVOLUTION

Ref 000007

PU Suction hose & Transport Hose, extremely flexible, light duty, antistatic, microbe-resistant,



Antistatic

Microbe resistant

Flame-retardant

Flexible

Light

Moderately 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 pure material / made of specified material / wall thickness between the spirals approx. 0.7 mm
- Wall material: polyester polyurethane
- Specifications of the wall: surface resistance $R < 10^9$ 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: complies with DIN 26057 Type II / 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: flexible
- Physical Properties: permanently antistatic
- Weight: light
- Pressure: moderately pressure resistant
- Colour: transparent
- Other: 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 / Robotics & Automation / Industry / Semiconductor Industry / aviation technology / Ventilation & Air-conditioning / Energy Technology / Bulk & Construction / Sea & Rail transport / Wood / Chemistry / Food & Pharma / Waste Disposal & Cleaning Technology / Plastics / Conveying, lifting & feeding technology / Cable manufacturers / Textile / Printing & Paper / Vehicle Construction / Metal & Toolmaking

STANDARDS & COMPLIANCE

- ATEX 2014/34/EU, TRGS 727, DIN 4102 B1

VARIANT SPECIFICATIONS

41 sizes · DN 25 to 500 mm

Article no.	DN (mm)	Outer Ø (mm)	Bend radius (mm)	Weight (kg/m)	Working press. (bar)	Vacuum (bar)
000007:25:x	25	30	30	0.23	3.34	0.80
000007:26:x	26	31	31	0.25	3.22	0.79
000007:32:x	32	40	40	0.35	2.52	0.71
000007:38:x	38	46	46	0.39	2.10	0.66
000007:40:x	40	48	48	0.40	2.10	0.66
000007:45:x	45	53	53	0.42	1.84	0.59
000007:51:x	51	58	58	0.48	1.68	0.52
000007:55:x	55	63	63	0.51	1.54	0.44
000007:60:x	60	68	68	0.53	1.40	0.44
000007:63:x	63	70	70	0.57	1.34	0.41
000007:65:x	65	73	73	0.64	1.26	0.37
000007:70:x	70	78	78	0.68	1.12	0.37
000007:76:x	76	84	84	0.72	1.12	0.29
000007:80:x	80	88	88	0.76	0.98	0.29
000007:90:x	90	99	99	0.88	0.84	0.22
000007:102:x	102	110	110	0.95	0.84	0.22
000007:110:x	110	119	119	1.03	0.70	0.22
000007:115:x	115	124	124	1.06	0.70	0.22
000007:120:x	120	129	129	1.12	0.70	0.22
000007:127:x	127	135	135	1.18	0.70	0.22
000007:130:x	130	139	139	1.20	0.56	0.22
000007:140:x	140	149	149	1.38	0.56	0.15
000007:152:x	152	161	161	1.48	0.56	0.15
000007:160:x	160	170	170	1.74	0.56	0.15
000007:170:x	170	180	180	1.80	0.42	0.15
000007:175:x	175	185	185	1.85	0.42	0.15
000007:180:x	180	190	190	1.90	0.42	0.15
000007:203:x	203	214	214	2.30	0.42	0.15
000007:225:x	225	235	235	2.55	0.28	0.07
000007:250:x	250	260	260	3.02	0.28	0.07
000007:254:x	254	264	264	3.02	0.28	0.07
000007:275:x	275	284	284	3.11	0.28	0.07
000007:280:x	280	290	290	3.14	0.28	0.07
000007:300:x	300	310	310	3.20	0.25	0.07
000007:315:x	315	325	325	3.32	0.25	0.07
000007:325:x	325	335	335	3.40	0.25	0.07
000007:350:x	350	360	360	3.60	0.13	0.07
000007:375:x	375	386	386	3.85	0.13	0.05
000007:400:x	400	411	410	4.45	0.13	0.05
000007:450:x	450	461	460	5.06	0.13	0.05
000007:500:x	500	511	510	5.70	0.13	0.05

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