

MASTER-PUR L EL

Ref 000009

PU Suction & Transport Hose, light duty, highly flexible, electroconductive



Antistatic

Electrically conductive

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 electrically conductive material / wall thickness between the spirals approx. 0.7 mm
- Wall material: polyester polyurethane
- Specifications of the wall: surface resistance $R < 10^3 \text{ Ohm}$

PROPERTIES

- Specifications of the product: complies with DIN 26057 Type II / according to TRGS 727 and ATEX 2014/34 EU
- Chemical resistance: halogen-free / good resistance to chemicals / good UV resistance / good resistance to oil / good resistance to petrol / good ozone resistance
- Flexibility: flexible
- Weight: light
- Pressure: moderately pressure resistant
- Colour: black

TEMPERATURE

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

APPLICATIONS & INDUSTRIES

- Applications: Agriculture / Industry / Bulk & Construction / Chemistry / Food & Pharma / Metal & Toolmaking

STANDARDS & COMPLIANCE

- ATEX 2014/34/EU, TRGS 727

VARIANT SPECIFICATIONS

39 sizes · DN 25 to 500 mm

Article no.	DN (mm)	Outer Ø (mm)	Bend radius (mm)	Weight (kg/m)	Working press. (bar)	Vacuum (bar)
000009:25:x	25	30	30	0.24	3.23	0.80
000009:26:x	26	31	31	0.25	3.22	0.79
000009:32:x	32	40	40	0.35	2.52	0.71
000009:38:x	38	46	46	0.39	2.10	0.66
000009:40:x	40	48	48	0.40	2.10	0.66
000009:45:x	45	53	53	0.42	1.84	0.59
000009:51:x	51	58	58	0.45	1.68	0.52
000009:55:x	55	63	63	0.51	1.54	0.44
000009:60:x	60	68	68	0.53	1.40	0.44
000009:65:x	65	73	73	0.64	1.26	0.37
000009:70:x	70	78	78	0.68	1.12	0.37
000009:76:x	76	84	84	0.72	1.12	0.29
000009:80:x	80	88	88	0.76	0.98	0.29
000009:90:x	90	99	99	0.88	0.84	0.22
000009:102:x	102	110	110	0.95	0.84	0.22
000009:110:x	110	119	119	1.03	0.70	0.22
000009:115:x	115	124	124	1.06	0.70	0.22
000009:120:x	120	129	129	1.12	0.70	0.22
000009:127:x	127	135	135	1.18	0.70	0.22
000009:130:x	130	139	139	1.20	0.56	0.22
000009:140:x	140	149	149	1.38	0.56	0.15
000009:152:x	152	161	161	1.48	0.56	0.15
000009:160:x	160	170	170	1.74	0.56	0.15
000009:170:x	170	180	180	1.80	0.42	0.15
000009:180:x	180	190	190	1.90	0.42	0.15
000009:203:x	203	214	214	2.30	0.42	0.15
000009:225:x	225	235	235	2.55	0.28	0.07
000009:250:x	250	256	256	2.96	0.28	0.07
000009:254:x	254	260	260	3.02	0.28	0.07
000009:275:x	275	284	284	3.11	0.28	0.07
000009:280:x	280	290	290	3.14	0.28	0.07
000009:300:x	300	310	310	3.20	0.25	0.07
000009:315:x	315	325	325	3.32	0.25	0.07
000009:325:x	325	335	335	3.40	0.25	0.07
000009:350:x	350	360	360	3.60	0.13	0.07
000009:375:x	375	386	386	3.85	0.13	0.05
000009:400:x	400	411	410	4.45	0.13	0.05
000009:450:x	450	461	460	5.06	0.13	0.05
000009:500:x	500	511	510	5.70	0.13	0.05

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