

MASTER-PUR H EL

Ref 000075

PU Suction & Transport Hose, medium duty, very flexible, electroconductive



Antistatic

Electrically conductive

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 electrically conductive material / wall thickness between the spirals approx. 1.4 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 III / 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: medium heavy
- Pressure: pressure resistant
- Colour: black
- Other: high vacuum and good pressure resistance / 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: Bulk & Construction / Chemistry / Surface Technology / Food & Pharma / Plastics

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)
000075:25:x	25	32	46	0.28	4.17	0.92
000075:26:x	26	33	47	0.29	4.16	0.92
000075:32:x	32	41	60	0.39	3.25	0.92
000075:38:x	38	47	69	0.46	3.12	0.82
000075:40:x	40	49	72	0.49	3.00	0.82
000075:45:x	45	55	80	0.55	2.95	0.81
000075:51:x	51	61	87	0.71	2.90	0.79
000075:55:x	55	65	95	0.77	2.75	0.76
000075:60:x	60	70	102	0.84	2.55	0.74
000075:65:x	65	75	112	0.91	2.40	0.66
000075:70:x	70	80	117	0.97	2.25	0.66
000075:76:x	76	87	126	1.06	2.00	0.59
000075:80:x	80	91	132	1.11	2.00	0.59
000075:90:x	90	101	149	1.25	1.65	0.52
000075:102:x	102	112	165	1.48	1.50	0.44
000075:110:x	110	121	179	1.61	1.35	0.44
000075:115:x	115	126	186	1.68	1.35	0.31
000075:120:x	120	131	194	1.75	1.30	0.31
000075:127:x	127	139	205	1.91	1.30	0.31
000075:130:x	130	141	209	1.96	1.30	0.31
000075:140:x	140	151	224	2.11	1.05	0.25
000075:152:x	152	163	242	2.29	1.05	0.25
000075:160:x	160	171	255	2.51	0.90	0.25
000075:170:x	170	181	270	2.67	0.90	0.18
000075:180:x	180	191	285	2.82	0.75	0.18
000075:203:x	203	215	321	3.50	0.75	0.18
000075:225:x	225	237	353	3.65	0.60	0.12
000075:250:x	250	259	385	3.84	0.60	0.12
000075:254:x	254	263	390	3.84	0.60	0.12
000075:275:x	275	288	426	4.22	0.45	0.12
000075:280:x	280	293	435	4.30	0.45	0.12
000075:300:x	300	313	465	4.94	0.45	0.12
000075:315:x	315	328	488	5.19	0.45	0.12
000075:325:x	325	338	503	5.35	0.45	0.12
000075:350:x	350	363	540	6.96	0.45	0.12
000075:375:x	375	388	580	7.45	0.30	0.07
000075:400:x	400	413	615	7.95	0.30	0.07
000075:450:x	450	463	690	8.94	0.30	0.07
000075:500:x	500	513	765	9.93	0.30	0.07

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