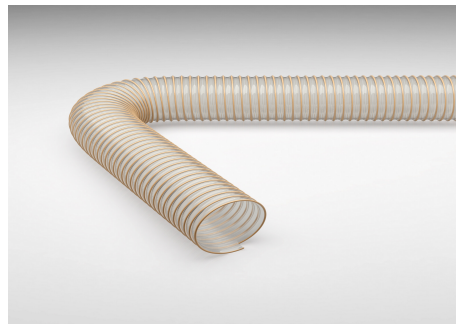


MASTER-PUR H TRIVOLUTION

Ref 000063

PU Suction hose & Transport Hose, very flexible, antistatic, microbe-resistant, hardly inflammable



Antistatic

Microbe resistant

Flame-retardant

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 pure material / made of specified material / addition of a non-migrating permanent antistatic agent / wall thickness between the spirals approx. 1.4 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 III / 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: medium heavy
- Pressure: pressure resistant
- Colour: transparent
- 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: Agriculture / Automotive / Plant & Mechanical Engineering / Robotics & Automation / Industry / Semiconductor Industry / aviation technology / Ventilation & Air-conditioning / Energy Technology / Bulk & Construction / Wood / 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, DIN 4102 B1

VARIANT SPECIFICATIONS

49 sizes · DN 13 to 500 mm

Article no.	DN (mm)	Outer Ø (mm)	Bend radius (mm)	Weight (kg/m)	Working press. (bar)	Vacuum (bar)
000063:13:x	13	19	38	0.15	4.70	0.92
000063:16:x	16	22	40	0.20	4.50	0.92
000063:20:x	20	26	43	0.22	4.30	0.92
000063:25:x	25	32	46	0.28	4.19	0.92
000063:26:x	26	33	47	0.29	4.16	0.92
000063:30:x	30	39	51	0.32	3.25	0.92
000063:32:x	32	41	60	0.39	3.25	0.92
000063:38:x	38	47	69	0.46	3.12	0.82
000063:40:x	40	49	72	0.49	3.00	0.82
000063:45:x	45	55	80	0.55	2.95	0.81
000063:50:x	50	60	86	0.66	2.82	0.82
000063:51:x	51	61	87	0.71	2.90	0.82
000063:55:x	55	65	95	0.77	2.75	0.76
000063:60:x	60	70	102	0.84	2.55	0.74
000063:63:x	63	73	106	0.87	2.49	0.71
000063:65:x	65	75	112	0.91	2.40	0.66
000063:70:x	70	80	117	0.97	2.25	0.66
000063:76:x	76	87	126	1.06	2.00	0.59
000063:80:x	80	91	132	1.11	2.00	0.59
000063:90:x	90	101	149	1.25	1.65	0.52
000063:100:x	100	110	163	1.43	1.54	0.45
000063:102:x	102	112	165	1.48	1.50	0.44
000063:110:x	110	121	179	1.61	1.35	0.46
000063:115:x	115	126	186	1.68	1.35	0.31
000063:120:x	120	131	194	1.75	1.30	0.31
000063:127:x	127	138	203	1.91	1.30	0.31
000063:130:x	130	141	209	1.96	1.30	0.31
000063:140:x	140	151	224	2.11	1.05	0.26
000063:150:x	150	161	240	2.31	1.05	0.26
000063:152:x	152	163	242	2.29	1.05	0.26
000063:160:x	160	171	255	2.51	0.90	0.25
000063:170:x	170	181	270	2.67	0.90	0.18
000063:175:x	175	186	278	2.74	0.90	0.18
000063:180:x	180	191	285	2.82	0.75	0.18
000063:200:x	200	212	316	3.42	0.75	0.18
000063:203:x	203	215	321	3.50	0.75	0.18
000063:225:x	225	237	353	3.65	0.60	0.12
000063:250:x	250	263	390	3.91	0.60	0.12
000063:254:x	254	267	396	3.91	0.58	0.12
000063:275:x	275	288	426	4.22	0.45	0.12
000063:280:x	280	293	435	4.30	0.45	0.12
000063:300:x	300	313	465	4.94	0.45	0.12

Article no.	DN (mm)	Outer Ø (mm)	Bend radius (mm)	Weight (kg/m)	Working press. (bar)	Vacuum (bar)
000063:315:x	315	328	488	5.19	0.45	0.12
000063:325:x	325	338	503	5.35	0.45	0.12
000063:350:x	350	363	540	6.96	0.45	0.12
000063:375:x	375	388	580	7.45	0.30	0.07
000063:400:x	400	413	615	7.95	0.30	0.07
000063:450:x	450	463	690	8.94	0.30	0.07
000063:500:x	500	513	765	9.93	0.30	0.07

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