

Master-PUR L EL

Article Master No.: 000009

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



antistatic



electrically
conductive



flexible



light



moderately
pressure
resistant

Product Details

Construction / Material

- Type of construction: profile extruded hose with metal spiral
- Spiral Design: made of steel wire
- Material of the spiral: spring steel
- Execution of the wall: made of electrically conductive material, wall thickness between the spirals approx. 0.7 mm
- Material of the wall: Polyester Polyurethane
- Specifications of the wall: surface resistance $R_0 < 10^3 \text{ Ohm}$

Properties

- Specifications of the product: complies with DIN 26057, according to TRGS 727 and ATEX 2014/34 EU
- Chemical Properties: 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 Resistance: moderately pressure resistant
- Colour: black

Operating Temperature

- Temperature Range: -40 - 90
- short-term maximum temperature: peaks to 125 °C

Delivery Information

- Delivery, type of production: various nominal widths in standard lengths are available ex-production, individual nominal widths and lengths also ex-stock

Application Areas

- Areas of application: Agriculture, Industry, Bulk & Construction, Chemistry, Food & Pharma, Metal & Toolmaking

Customizing Options

- optional item modification (on request): other nominal widths, other colours, with customer-specific imprint

Article Variants

Extended Article Number	Article number	Nominal Size (DN) mm	Outer diameter mm	Bending radius* mm	Weight kg/m	Operating pressure bar	Negative pressure bar	Max. Production length m	Stock Lengths m
000009:25:x	000009	25	30	30	0.24	3.23	0.80	25.00	/
000009:26:x	000009	26	31	31	0.25	3.22	0.79	25.00	5, 10
000009:32:x	000009	32	40	40	0.35	2.52	0.71	25.00	5, 10
000009:38:x	000009	38	46	46	0.39	2.10	0.66	25.00	5, 10, 15
000009:40:x	000009	40	48	48	0.40	2.10	0.66	25.00	5, 10, 15
000009:45:x	000009	45	53	53	0.42	1.84	0.59	25.00	/
000009:51:x	000009	51	58	58	0.45	1.68	0.52	25.00	5, 10, 15
000009:55:x	000009	55	63	63	0.51	1.54	0.44	25.00	/
000009:60:x	000009	60	68	68	0.53	1.40	0.44	25.00	5, 10
000009:65:x	000009	65	73	73	0.64	1.26	0.37	25.00	5, 10
000009:70:x	000009	70	78	78	0.68	1.12	0.37	25.00	5, 10, 15
000009:76:x	000009	76	84	84	0.72	1.12	0.29	25.00	5, 10
000009:80:x	000009	80	88	88	0.76	0.98	0.29	25.00	5, 10
000009:90:x	000009	90	99	99	0.88	0.84	0.22	25.00	/
000009:102:x	000009	102	110	110	0.95	0.84	0.22	25.00	5, 10, 15
000009:110:x	000009	110	119	119	1.03	0.70	0.22	25.00	/
000009:115:x	000009	115	124	124	1.06	0.70	0.22	25.00	/
000009:120:x	000009	120	129	129	1.12	0.70	0.22	25.00	/
000009:127:x	000009	127	135	135	1.18	0.70	0.22	25.00	5, 10
000009:130:x	000009	130	139	139	1.20	0.56	0.22	25.00	/
000009:140:x	000009	140	149	149	1.38	0.56	0.15	25.00	/
000009:152:x	000009	152	161	161	1.48	0.56	0.15	25.00	10
000009:160:x	000009	160	170	170	1.74	0.56	0.15	25.00	5, 10
000009:170:x	000009	170	180	180	1.80	0.42	0.15	25.00	/
000009:180:x	000009	180	190	190	1.90	0.42	0.15	25.00	/
000009:203:x	000009	203	214	214	2.30	0.42	0.15	25.00	5, 10
000009:225:x	000009	225	235	235	2.55	0.28	0.07	25.00	/
000009:250:x	000009	250	256	256	2.96	0.28	0.07	25.00	/

Extended Article Number	Article number	Nominal Size (DN) mm	Outer diameter mm	Bending radius* mm	Weight kg/m	Operating pressure bar	Negative pressure bar	Max. Production length m	Stock Lengths m
000009:254:x	000009	254	260	260	3.02	0.28	0.07	25.00	/
000009:275:x	000009	275	284	284	3.11	0.28	0.07	25.00	/
000009:280:x	000009	280	290	290	3.14	0.28	0.07	25.00	/
000009:300:x	000009	300	310	310	3.20	0.25	0.07	20.00	/
000009:315:x	000009	315	325	325	3.32	0.25	0.07	20.00	/
000009:325:x	000009	325	335	335	3.40	0.25	0.07	20.00	/
000009:350:x	000009	350	360	360	3.60	0.13	0.07	20.00	/
000009:375:x	000009	375	386	386	3.85	0.13	0.05	20.00	/
000009:400:x	000009	400	411	410	4.45	0.13	0.05	20.00	/
000009:450:x	000009	450	461	460	5.06	0.13	0.05	20.00	/
000009:500:x	000009	500	511	510	5.70	0.13	0.05	20.00	/

All data refer to a medium and ambient temperature of +20°C.
 Specification of the bending radius related to the inside of the hose bend
 Subject to technical changes and colour deviations

Delivery Variants

Available in other lengths, other nominal diameters, with customer-specific customer-specific imprint.

Disposal instructions

After use, the product must be disposed of in accordance with the legal regulations applicable in the user's region (in Germany in accordance with the applicable Waste Catalogue Ordinance (AVV)).

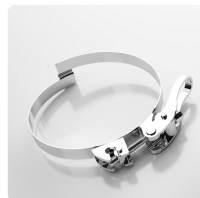
Possible Connection Elements



Master-Grip Hose Clamp, screwable
 Special clamp for fastening light and medium-weight, right-handed spiral hoses such as Flamex B-se, Flamex B-F se, Master-PUR Trivolution, Master-PVC and Master-SANTO



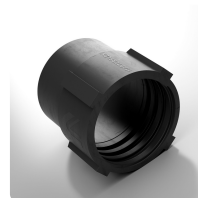
Master-Grip Hose Clamp, screwable, Steel quality W4, stainless steel 1.4301
 Special clamp for fastening light and medium-weight, right-handed spiral hoses such as Flamex B-se, Flamex B-F se, Master-PUR Trivolution, Master-PVC and Master-SANTO



Master-Grip Quick-Fix Clamp
 Special clamp for fastening light and medium-weight, right-hand spiral hoses such as Flamex B-se, Flamex B-F se, Master-PUR Trivolution, Master-PVC and Master-SANTO



Hose connector Sheet steel connector
 for extending, connecting and joining light to medium-weight hoses



Combiflex PU Screw Cuff EL
 PU end fitting for Master-PUR L/H and Master-PVC L/H hoses, electrically conductive



Combiflex PU Threaded Sockets
 PU threaded connector for all Master-PUR L, Master-PUR H and Master-PUR HX hose types, based on DIN ISO 228

Individual consultation

We offer consultation by
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Product requests via
[masterflex.de/en](https://www.masterflex.de/en)

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