

## 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	
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.

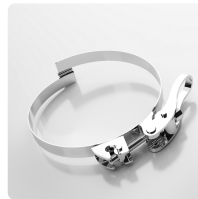
## Possible Connection Elements



**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



**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 phone:  
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Product requests via  
[masterflex.de/en](http://masterflex.de/en)

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