



Master PUR LF EL

Article Master No.: 007863

Lightweight, Highly Flexible, Electroconductive, Polyurethane, Suction & Transportation Hose.



antistatic



compressible



electrically
conductive



very flexible



moderately
pressure
resistant

Product Details

Construction / Material

- Type of construction: film 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 / addition of a non-migrating permanent antistatic agent / wall thickness between the spirals approx. 0.5 mm
- Material of the wall: Polyurethane film
- Specifications of the wall: surface resistance $R_0 < 10^3$ Ohm

Properties

- Specifications of the product: complies with DIN 26057 Type II / antistatic / electrically conductive according to ATEX 94/9/EC
- Chemical Properties: good resistance to petrol / good resistance to chemicals / good resistance to oil / good UV resistance / good ozone resistance / halogen-free
- Mechanical Properties: small bending radius
- Flexibility: very flexible
- Pressure Resistance: moderately pressure resistant

Operating Temperature

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

Delivery Information

Application Areas

Customizing Options

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
007863:75:x	007863	75	83	43	0.52	0.61	0.13
007863:80:x	007863	80	88	45	0.55	0.53	0.13
007863:90:x	007863	90	99	50	0.61	0.46	0.09
007863:100:x	007863	100	106	53	0.67	0.46	0.09
007863:110:x	007863	110	119	60	0.75	0.38	0.09
007863:115:x	007863	115	124	63	0.78	0.38	0.09
007863:120:x	007863	120	129	65	0.81	0.38	0.09
007863:125:x	007863	125	135	67	0.83	0.38	0.09
007863:130:x	007863	130	139	70	0.88	0.30	0.09
007863:140:x	007863	140	149	75	0.95	0.30	0.06
007863:150:x	007863	150	157	78	1.01	0.30	0.06
007863:160:x	007863	160	169	85	1.08	0.30	0.06
007863:170:x	007863	170	179	90	1.07	0.23	0.06
007863:180:x	007863	180	189	95	1.13	0.23	0.06
007863:200:x	007863	200	208	103	1.24	0.23	0.06

All data refer to a medium and ambient temperature of +25 °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)).

Individual consultation

We offer consultation by
phone:
+49 209 97077-112

Product requests via
[masterflex.de/en](https://www.masterflex.de/en)

Address Headquarters

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