



Master-PE LF EL

Article Master No.: 015707

PE film/foil hose, lightweight, highly flexible, electroconductive,Surface resistance $R_0 < 10^4$ Ohm

antistatic | microbe resistant | compressible | electrically conductive | hydrolysis resistant | very flexible | light | 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, foil thickness between the spirals approx. 0.3 mm
- Material of the wall: polyethylene
- Specifications of the wall: surface resistance $R_0 < 10^4$ Ohm

Properties

- Specifications of the product: according to TRGS 727 and ATEX 2014/34 EU, see « Downloads and Certificates «
- Chemical Properties: good resistance to aggressive vapours, very good resistance to chemicals, good resistance to solvents, halogen-free, plasticiser-free
- Mechanical Properties: small bending radius
- Flexibility: very flexible
- Weight: light
- Pressure Resistance: moderately pressure resistant
- Colour: black

Operating Temperature

- Temperature Range: -40 to 60 °C
- short-term maximum temperature: peaks to 80 °C

Delivery Information

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

Application Areas

- Areas of application: Ventilation & Air-conditioning, Chemistry

Customizing Options

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

Article Variants

Extended Article Number	Nominal Size (DN) in mm	suitable for external Ø connection	Bending radius* in mm	Weight in kg/m	Operating pressure in bar	Negative pressure in bar	Length (standard lengths available for order) in m	Minimum order quantity
015707:40:x	40	38 - 40	7.5	0.18	0.4	0.18		m
015707:51:x	51	50 - 51	7.5	0.22	0.4	0.16		m
015707:60:x	60	60	5	0,23	0,4	0,16		m
015707:65:x	65	63 - 65	5	0.25	0.35	0.12		m
015707:76:x	76	75 - 76	10	0.36	0.3	0.1		m
015707:80:x	80	80	10	0.38	0.3	0.1		m
015707:90:10,00	90	90	10	0.4	0.25	0.09		m
015707:102:x	102	100 - 102	15	0.44	0.2	0.09		m
015707:110:x	110	110	15	0.49	0.2	0.9		m
015707:120:x	120	120	17.5	0.56	0.2	0.08		m
015707:127:x	127	125 - 127	17.5	0.63	0.15	0.07		m
015707:152:x	152	150 - 152	20	0.68	0.1	0.06		m
015707:160:x	160	160	25	0.7	0.1	0.05		m
015707:203:x	203	200 - 203	50	1.24	0.08	0.05		m
015707:254:x	254	254	60	1.58	0.04	0.04		m

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)).

Suitable for the product



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



Hose Reducer, symmetrical
Hose reducer for extending, connecting and joining light to medium weight hoses



Individual consultation

We offer consultation by phone: **+44 161 626 8066**

Product requests via: **https://www.masterflex-hose.co.uk/**

Headquarters for your sales area

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