



## Master-PUR Flat Food A

Article Master No.: 009111

Spiral-free PU conveying hose, lightweight, permanently antistatic, very good flexibility, food safe EU10/2011 and FDA



microbe resistant



hydrolysis resistant



food approved



spiral-free



metal-free

### Product Details

#### Construction / Material

- Execution of the wall: made of specified material / wall thickness approx. 1.0 mm
- Material of the wall: Polyether Polyurethane
- Specifications of the wall: approved for direct food contact category E, according to EU Directive 1935/2004, 10/2011 and its latest amending Directives / surface resistance  $R_o < 10^9$  Ohm, measured according to DIN EN ISO 8031 / material complies with food regulations FDA 21 CFR § 177.2600 - 21 CFR § 178.2010 / material complies with food regulations FDA 21 CFR § 178.2010

#### Properties

- Specifications of the product: manufacturing process according to GMP EC 2023/2006
- Chemical Properties: good UV resistance / good ozone resistance
- Mechanical Properties: permanently kink-resistant / excellent mechanical tensile strength and tear resistance
- Physical Properties: permanently antistatic
- Colour: transparent
- Other: particularly smooth on the inside

#### Operating Temperature

- Temperature Range: -40 to 90 °C
- 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 / Bulk & Construction / Chemistry / Food & Pharma / Plastics

**Customizing Options**

- optional item modification (on request): other colours / other lengths / other nominal widths / with earth wire / with customer-specific imprint

**Article Variants**

Extended Article Number	Article number	Nominal Size (DN) mm	Weight kg/m	Max. Production length m	Stock Lengths m	Length (standard lengths available for order) m
009111:51:x	009111	50	0.26	5.00	/	5
009111:60:x	009111	60	0.30	5.00	/	5
009111:70:x	009111	70	0.33	5.00	/	5
009111:76:x	009111	76	0.36	5.00	/	5
009111:80:x	009111	80	0.38	5.00	/	5
009111:90:x	009111	90	0.43	5.00	/	5
009111:102:x	009111	102	0.48	5.00	5	5
009111:110:x	009111	110	0.52	5.00	10	5
009111:115:x	009111	115	0.54	5.00	/	5
009111:120:x	009111	120	0.57	5.00	/	5
009111:127:x	009111	127	0.60	5.00	5	5
009111:130:x	009111	130	0.61	5.00	/	5
009111:140:x	009111	140	0.66	5.00	5	5
009111:152:x	009111	152	0.72	5.00	5	5
009111:160:x	009111	160	0.75	5.00	/	5
009111:170:x	009111	170	0.80	5.00	/	5
009111:180:x	009111	180	0.85	5.00	/	5
009111:203:x	009111	203	0.95	5.00	5	5
009111:225:x	009111	225	1.06	5.00	/	5
009111:254:x	009111	254	1.19	5.00	5	5
009111:280:x	009111	280	1.31	5.00	/	5
009111:305:x	009111	305	1.43	5.00	5	5

All data refer to a medium and ambient temperature of +20°C.

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



**Hose Clamp with Worm-Gear**  
Standard clamp for fastening light hose types to connecting pieces on mobile and stationary installations



**Hose Clamp with Worm-Gear, Steel quality W4, stainless steel 1.4301**  
Standard clamp for fastening light hose types to connecting pieces on mobile and stationary installations



**Hose Clamp with Bolts**  
special clamp for fastening medium and heavy spiral hoses to connection pipes on mobile and stationary units



**Hose Clamp with Bolts, Steel quality W4, stainless steel 1.4301**  
Special clamp for fastening medium and heavy spiral hoses to connection pipes on mobile and stationary units

### 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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