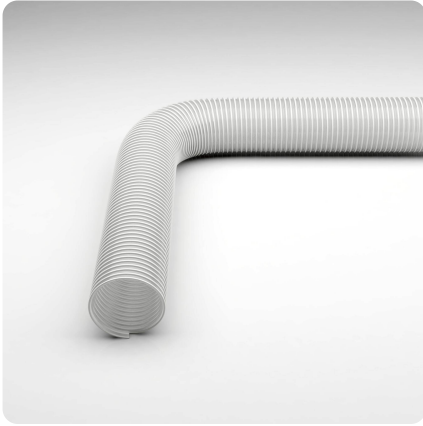


## Master-PUR DualFlow 1.6 Food A

Article Master No.: 012817

PU suction hose / delivery hose, heavy, flexible, smoothed inner core, food-safe EU10/2011 and FDA



transparent



antistatic



microbe resistant



flexible



heavy



pressure resistant

### Product Details

#### Construction / Material

- Type of construction: profile extruded hose with metal spiral
- Spiral Design: made from stainless steel wire
- Material of the spiral: stainless steel 1.4310
- Execution of the wall: made of pure material, made of specified material, addition of a non-migrating permanent antistatic agent, wall thickness between the spirals approx. 1.6 mm
- Material of the wall: Polyether Polyurethane
- Specifications of the wall: approved for direct food contact according to EU Directive 1935/2004, 10/2011 and its latest amending Directives, surface resistance  $R_0 < 10^9$  Ohm, measured according to DIN EN ISO 8031, material complies with food regulations FDA 21 CFR § 177.2600 and 21 CFR § 177.1680
- Specifications of the inner layer: smoothed, seamless inner core

#### Properties

- Specifications of the product: with grounding on both sides of the spiral for aspirative and pneumatic conveying of non-flammable dusts and bulk materials in zone 22. For conveying gases and liquids with low conductivity in zone 2., manufacturing process according to GMP EC 2023/2006
- Chemical Properties: good resistance to chemicals, good UV resistance, good ozone resistance, halogen-free, hydrolysis resistant, microbe-resistant, plasticiser-free
- Flexibility: flexible

- Weight: heavy
- Pressure Resistance: pressure resistant
- Colour: transparent

### 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, Plastics

### Customizing Options

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

## Article Variants

| Extended 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 | Length (standard lengths available for order) m |
|-------------------------|----------------------|-------------------|--------------------|-------------|------------------------|-----------------------|--------------------------|-------------------------------------------------|
| 012817:38:x             | 38                   | 47                | 150                | 0.52        | 3.14                   | 0.90                  | on request               | 5, 10                                           |
| 012817:40:x             | 40                   | 49                | 160                | 0.55        | 3.08                   | 0.90                  | on request               | 5, 10                                           |
| 012817:45:x             | 45                   | 55                | 200                | 0.62        | 3.00                   | 0.89                  | on request               | 5, 10                                           |
| 012817:51:x             | 51                   | 61                | 230                | 0.80        | 2.90                   | 0.84                  | on request               | 5, 10                                           |
| 012817:60:x             | 60                   | 70                | 350                | 0.95        | 2.65                   | 0.79                  | on request               | 5, 10                                           |
| 012817:65:x             | 65                   | 75                | 400                | 1.02        | 2.48                   | 0.73                  | on request               | 5, 10                                           |
| 012817:70:x             | 70                   | 80                | 400                | 1.09        | 2.30                   | 0.71                  | on request               | 5, 10                                           |
| 012817:76:x             | 76                   | 87                | 400                | 1.19        | 2.15                   | 0.66                  | on request               | 5, 10                                           |
| 012817:80:x             | 80                   | 91                | 400                | 1.25        | 2.10                   | 0.62                  | on request               | 5, 10                                           |
| 012817:102:x            | 102                  | 112               | 500                | 1.67        | 1.60                   | 0.49                  | on request               | 5, 10                                           |
| 012817:127:x            | 127                  | 138               | 650                | 2.15        | 1.40                   | 0.42                  | on request               | 5, 10                                           |
| 012817:152:x            | 152                  | 165               | 750                | 2.6         | 1.18                   | 0.37                  | on request               | 5, 10                                           |

## Delivery Variants

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

## Disposal instructions

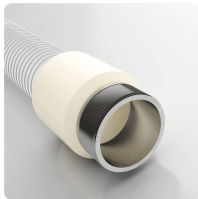
After use, the product must be disposed of in accordance with the legal regulations applicable in the user's region (in Germany in accordance with the applicable Waste Catalogue Ordinance (AVV)).

## Possible Connection Elements

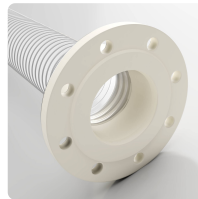


### Master-Grip Double Wire Clamp, screw-fitting

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-PUR Food, Master-PVC and Master-SANTO



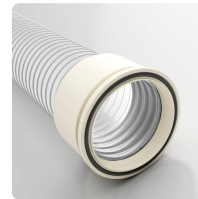
**Combiflex VA Threaded Sockets Food**  
cast-on VA threaded socket with male thread to DIN ISO 228 for all Master-PUR Food hoses, food-safe EU 10/2011



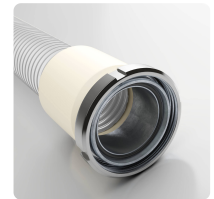
**Combiflex Cast-on PU Fixed Flange Food**  
fixed flange for all Master-PUR Food hose types, approved for direct food contact EU 10/2011, for counterflanges acc. to DIN 2632 / DIN 2633 / DIN 2673



**Combiflex PU Threaded Sockets Food**  
cast-on PU threaded connector for attaching fittings to Master-PUR Food hoses, approved for direct food contact EU 10/2011, following DIN ISO 228



**Combiflex PU Cone Flange Food**  
fixed quick connector system for all Master-PUR Food hose types, following DIN 3016, food-safe EU 10/2011



**Combiflex Dairy Fitting Cone Sockets**  
cast-on tube fitting with groove nut to DIN 11851 for Master-PUR Food hoses, food-safe EU 10/2011

### Individual consultation

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

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

### Address Headquarters

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