



## Combiflex PU Cone Flange Food

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

### Product Details

#### Construction / Material

- Specification of the connection solution: conical flange coupling system suitable for spigots according to DIN 3016, connection option without cross-section narrowing
- Execution of the sprue / collar: made of a material with high impact strength, made of specified material
- Material of the sprue / collar: Polyurethane
- Specification of the sprue / collar: approved for direct food contact according to EU Directive 1935/2004, 10/2011 and its latest amending Directives, material complies with the food regulations of BfR XXXIX
- Design of the flange: designed as a tapered flange

#### Properties

- Chemical Properties: microbe-resistant, hydrolysis resistant
- Mechanical Properties: excellent tensile and tear strength
- Colour: white
- Other: dissipation of electrostatic charge due to integrated earthing plate, easy to install due to the use of quick-release clamps

#### Operating Temperature

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

#### Delivery Information

- Delivery, type of production: various nominal widths are available ex production, individual nominal widths also ex stock

## Application Areas

## Customizing Options

## Article Variants

| Article number | DN of the hose mm | Outer diameter of the flange (D) mm | Outer diameter on the hose side (AD) mm | Type        | Piece weight kg | Length mm |
|----------------|-------------------|-------------------------------------|-----------------------------------------|-------------|-----------------|-----------|
| 006919         | 50                | 78                                  | 75                                      | male part   | 0.10            | 68        |
| 005507         | 50                | 78                                  | 75                                      | female part | 0.10            | 68        |
| 005409         | 65                | 91                                  | 90                                      | male part   | 0.15            | 78        |
| 005410         | 65                | 91                                  | 90                                      | female part | 0.15            | 78        |
| 005581         | 80                | 104                                 | 105                                     | male part   | 0.18            | 83        |
| 005429         | 80                | 104                                 | 105                                     | female part | 0.18            | 83        |
| 005445         | 100               | 129                                 | 131                                     | male part   | 0.35            | 88        |
| 005532         | 100               | 129                                 | 131                                     | female part | 0.35            | 88        |
| 005455         | 125               | 161                                 | 156                                     | male part   | 0.42            | 95        |
| 005457         | 125               | 161                                 | 156                                     | female part | 0.42            | 95        |
| 005550         | 150               | 190                                 | 184                                     | male part   | 0.63            | 105       |
| 005465         | 150               | 190                                 | 184                                     | female part | 0.63            | 105       |
| 005472         | 160               | 200                                 | 190                                     | male part   | 0.70            | 105       |
| 005471         | 160               | 200                                 | 190                                     | female part | 0.70            | 105       |
| /              | 180               | 216                                 | 210                                     | male part   | not specified   | 110       |
| /              | 180               | 216                                 | 210                                     | female part | not specified   | 110       |
| 005478         | 200               | 242                                 | 235                                     | male part   | 0.87            | 110       |
| 005477         | 200               | 242                                 | 235                                     | female part | 0.87            | 110       |

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)).

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| <p><b>Individual consultation</b></p> <p>We offer consultation by phone:<br/><b>+49 209 97077-112</b></p> <p>Product requests via <a href="https://www.masterflex.de/en" style="color: white;">masterflex.de/en</a></p> | <p><b>Address Headquarters</b></p> <p>Masterflex SE<br/>Willy-Brandt-Allee 300<br/>45981 Gelsenkirchen</p> |  |
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