



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: high mechanical strength and impact resistance / 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 mechanical tensile strength and tear resistance
- 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 to 90 °C
- short-term maximum temperature: peaks to 125 °C

Delivery Information

- Delivery, type of production: order-related 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	Inner Ø of the pipe (d2) mm	Outer Ø of the sprue on the hose side (d3) mm	Outer Ø of flange or socket (d4)	Type	Piece weight kg	Length (h1) mm
006919	50	54.50	75	78	male part	0.10	68
005507	50	54.50	75	78	female part	0.10	68
005409	65	70.30	90	91	male part	0.15	78
005410	65	70.30	90	91	female part	0.15	78
005581	80	82.50	105	104	male part	0.18	83
005429	80	82.50	105	104	female part	0.18	83
005445	100	107.10	131	129	male part	0.35	88
005532	100	107.10	131	129	female part	0.35	88
005455	125	131.70	156	161	male part	0.42	95
005457	125	131.70	156	161	female part	0.42	95
005550	150	159.30	184	190	male part	0.63	105
005465	150	159.30	184	190	female part	0.63	105
005472	160	167.00	190	200	male part	0.70	105
005471	160	167.00	190	200	female part	0.70	105
/	180	182.90	210	216	male part	not specified	110
/	180	182.90	210	216	female part	not specified	110
005478	200	207.30	235	242	male part	0.87	110
005477	200	207.30	235	242	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)).

Individual consultation

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

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

Address Headquarters

Masterflex SE
Willy-Brandt-Allee 300
45981 Gelsenkirchen

