



Combiflex Cast-on PU Fixed Flange

Fixed PU flange for all Master-PUR hoses, for counterflanges to DIN 2632 / DIN 2633 / DIN 2673

Product Details

Construction / Material

- Specification of the connection solution: flange suitable for counter flange according to DIN 2632/2633 / welding neck according to DIN 2673 / tension-resistant connection / pressure rating PN 10 for DN 200 or larger, PN 10/16 for all other DN's / liquid-tight connection / gas-tight connection
- Execution of the sprue / collar: high mechanical strength and impact resistance / made of highly abrasion-resistant material
- Material of the sprue / collar: polyurethane

Properties

- Chemical Properties: microbe-resistant
- Mechanical Properties: excellent mechanical tensile strength and tear resistance
- Colour: black
- Other: dissipation of electrostatic charge due to integrated earthing plate / fixed version equipped with digital interface as standard. Compatible with the AMPIUS® app

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 flange mm	DN of the hose mm	Outer Ø of the pipe	Outer Ø of the sprue on the hose side (d3) mm	Type	Piece weight kg	Bolt circle (d4)	Length (h1) mm
005400	50	51	57	78	hoses in version L / hoses in version H / hoses in version HX / hoses in version Performance / outer tube Ø 57	0.40	125	66
005388	50	51	60.3	78	hoses in version L / hoses in version H / hoses in version HX / hoses in version Performance / outer tube Ø 60.3	0.40	125	66
005522	65	65	76.1	90	hoses in version L / hoses in version H / hoses in version HX / hoses in version Performance / outer tube Ø 76.1	0.50	145	76
007323	65	70	76.1	90	hoses in version L / hoses in version H / hoses in version HX / hoses in version Performance / outer tube Ø 76.1	not specified	145	76
005525	80	76	88.9	105	hoses in version L / hoses in version H / hoses in version HX / hoses in version Performance / outer tube Ø 88.9	not specified	160	76
005424	80	80	88.9	105	hoses in version L / hoses in version H / hoses in version HX / hoses in version Performance / outer tube Ø 88.9	0.65	160	76
005438	100	102	108	131	hoses in version L / hoses in version H / hoses in version HX / hoses in version Performance / outer tube Ø 108	not specified	180	86
005439	100	102	114.3	131	hoses in version L / hoses in version H / hoses in version HX / hoses in version Performance / outer tube Ø 114.3	0.80	180	86
/	125	120	133	156	hoses in version L / hoses in version H / hoses in version HX / hoses in version Performance / outer tube Ø 133	not specified	210	92
/	125	120	139.7	156	hoses in version L / hoses in version H / hoses in version HX / hoses in version Performance / outer tube Ø 139.7	not specified	210	92
005592	125	127	133	156	hoses in version L / hoses in version H / hoses in version HX / hoses in version Performance / outer tube Ø 133	1.00	210	92
005543	125	127	139.7	156	hoses in version L / hoses in version H / hoses in version HX / hoses in version Performance / outer tube Ø 139.7	1.00	210	92
/	150	140	159	184	hoses in version L / hoses in version H / hoses in version HX / hoses in version Performance / outer tube Ø 159	not specified	240	98
005552	150	152	159	184	hoses in version L / hoses in version H / hoses in version HX / hoses in version Performance / outer tube Ø 159	1.40	240	98
005553	150	152	168.3	184	hoses in version L / hoses in version H / hoses in version HX / hoses in version Performance / outer tube Ø 168,3	1.40	240	98
005559	150	160	177.8	184	hoses in version L / hoses in version H / hoses in version HX / hoses in version Performance / outer tube Ø 177.8	1.50	240	98
005950	175	180	193.7	210	hoses in version L / hoses in version H / hoses in version HX / hoses in version Performance	1.80	270	103
005475	200	203	219.1	210	hoses in version L / hoses in version H / hoses in version HX / hoses in version Performance	2.00	295	103
005571	250	250	267	292	hoses in version L / hoses in version H / hoses in version HX / hoses in version Performance / outer tube Ø 267	3.00	350	118
005570	250	250	273	292	hoses in version L / hoses in version H / hoses in version HX / hoses in version Performance / outer tube Ø 273	3.00	350	118
005574	300	300	323.9	344	hoses in version L / hoses in version H / hoses in version HX / hoses in version Performance	4.00	400	123
005619	50	51	57	78	hoses in version Inline / outer tube Ø 57	0.40	125	66
/	50	51	60.3	78	hoses in version Inline / outer tube Ø 60.3	0.40	125	66
005621	65	65	76.1	90	hoses in version Inline	0.50	145	76
005623	80	76	88.9	105	hoses in version Inline / outer tube Ø 88.9	not specified	160	76
001936	80	80	88.9	105	hoses in version Inline / outer tube Ø 88.9	0.60	160	76
005627	100	102	108	131	hoses in version Inline / outer tube Ø 108	0.65	180	86

Article number	DN of the flange mm	DN of the hose mm	Outer Ø of the pipe	Outer Ø of the sprue on the hose side (d3) mm	Type	Piece weight kg	Bolt circle (d4)	Length (h1) mm
005628	100	102	114.3	131	hoses in version Inline / outer tube Ø 114.3	0.80	180	86
/	125	127	139.7	156	hoses in version Inline / outer tube Ø 139.7	not specified	210	92
/	/	/	/	/	hoses in version Inline	not specified	/	no data
005628	150	152	168.3	184	hoses in version Inline	1.00	240	98
/	/	/	/	/	hoses in version Inline	not specified	295	no data
/	150	140	159	184		not specified	240	98
005632	150	152	159	184	hoses in version Inline	1.40	240	98
/	/	/	/	/	hoses in version Inline	not specified	240	no data
/	150	160	177.8	184	hoses in version Inline	not specified	240	98
010977	175	180	193.7	210	hoses in version Inline	not specified	270	103
005635	200	203	219.1	210	hoses in version Inline	2.00	295	103
/	250	250	267	292	hoses in version Inline	not specified	350	118
/	/	/	/	/	hoses in version Inline	not specified	350	no data
/	300	300	323.9	344	hoses in version Inline	not specified	400	123

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

Address Headquarters

Masterflex SE
Willy-Brandt-Allee 300
45981 Gelsenkirchen

