



Combiflex PU Cuff V

screw-on PU end fitting for Master-PUR hoses on spigots acc. to DIN 2448/DIN 2458, permanently antistatic

Product Details

Construction / Material

- Specification of the connection solution: connection thread is designed according to DIN ISO 228 / connection option without cross-section narrowing
- design of the cuff: high mechanical strength and impact resistance / made of highly abrasion-resistant material / made of specified material
- material of the cuff: Polyurethane
- material specification of the cuff: surface resistance $R_0 < 10^9$ Ohm, measured according to DIN IEC 60 167

Properties

- Chemical Properties: microbe-resistant
- Mechanical Properties: excellent mechanical tensile strength and tear resistance
- Physical Properties: flexible at low temperatures / permanently antistatic
- Colour: black
- Other: reusable and replaceable / easy to assemble / 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: various nominal widths are available ex production, individual nominal widths also ex stock

Application Areas

Customizing Options

- optional item modification (on request): in permanently mounted design for liquid-tight, tension-resistant connections / other nominal widths

Article Variants

Article number	DN of the hose mm	Inner Ø of flange or socket (d1) mm	Outer Ø of the pipe (d3) mm	Type	Screw-in depth of the hose (h1) mm	Insertion depth of the threaded socket (h2) mm	Piece weight kg	Length (h3) mm
001779	32	32	33	hoses in version L / outer tube Ø 33	32.50	32.50	approx. 0.05	70
001780	32	32	36	hoses in version L / outer tube Ø 36	32.50	32.50	approx. 0.05	70
001781	32	32	38	hoses in version L / outer tube Ø 39	32.50	32.50	approx. 0.05	70
001782	32	32	39	hoses in version L / outer tube Ø 49	32.50	32.50	approx. 0.05	70
001783	32	32	40	hoses in version L / outer tube Ø 40	32.50	32.50	approx. 0.05	70
001784	38	38	38	hoses in version L / outer tube Ø 38	37.50	37.50	approx. 0.08	80
001785	38	38	40	hoses in version L / outer tube Ø 40	37.50	37.50	approx. 0.08	80
001786	38	38	44	hoses in version L / outer tube Ø 44	37.50	37.50	approx. 0.08	80
001787	38	38	48	hoses in version L / outer tube Ø 48	37.50	37.50	approx. 0.08	80
001788	50	50	45	hoses in version L / outer tube Ø 45	42.50	42.50	approx. 0.12	90
001789	50	50	50	hoses in version L / outer tube Ø 59	42.50	42.50	approx. 0.12	90
001790	50	50	52	hoses in version L / outer tube Ø 52	42.50	42.50	approx. 0.12	90
001791	50	50	57	hoses in version L / outer tube Ø 57	42.50	42.50	approx. 0.12	90
001792	50	50	58	hoses in version L / outer tube Ø 58	42.50	42.50	approx. 0.12	90
001793	50	50	60	hoses in version L / outer tube Ø 60.3	42.50	42.50	approx. 0.12	90
001794	50	50	61	hoses in version L / outer tube Ø 61	42.50	42.50	approx. 0.12	90
001795	65	65	70	hoses in version L / outer tube Ø 70	47.50	47.50	approx. 0.15-0.16	100
001796	65	65	75	hoses in version L / outer tube Ø 75	47.50	47.50	approx. 0.15-0.16	100
001797	70	70	80	hoses in version L / outer tube Ø 80	47.50	47.50	approx. 0.18-0.19	100
001798	75	75	82	hoses in version L	47.50	47.50	approx. 0.20-0.21	100
001799	80	80	80	hoses in version L / outer tube Ø 80	52.50	52.50	approx. 0.22-0.24	110
001800	80	80	82	hoses in version L / outer tube Ø 82	52.50	52.50	approx. 0.22-0.24	110

Article number	DN of the hose mm	Inner Ø of flange or socket (d1) mm	Outer Ø of the pipe (d3) mm	Type	Screw-in depth of the hose (h1) mm	Insertion depth of the threaded socket (h2) mm	Piece weight kg	Length (h3) mm
001801	80	80	84	hoses in version L / outer tube Ø 84	52.50	52.50	approx. 0.22-0.24	110
001802	80	80	88	hoses in version L / outer tube Ø 88.9	52.50	52.50	approx. 0.22-0.24	110
001803	80	80	90	hoses in version L / outer tube Ø 90	52.50	52.50	approx. 0.22-0.24	110
005928	100	100	103	hoses in version L / outer tube Ø 103	57.50	57.50	approx. 0.33-0.36	120
001804	100	100	104	hoses in version L / outer tube Ø 104	57.50	57.50	approx. 0.33-0.36	120
001805	100	100	106	hoses in version L / outer tube Ø 106	57.50	57.50	approx. 0.33-0.36	120
001806	100	100	108	hoses in version L / outer tube Ø 108	57.50	57.50	approx. 0.33-0.36	120
001807	100	100	114	hoses in version L / outer tube Ø 114.3	57.50	57.50	approx. 0.33-0.36	120
001808	100	100	115	hoses in version L / outer tube Ø 115	57.50	57.50	approx. 0.33-0.36	120
001809	125	125	125	hoses in version L / outer tube Ø 125	62.50	62.50	approx. 0.51-0.55	130
001810	125	125	129	hoses in version L / outer tube Ø 129	62.50	62.50	approx. 0.51-0.55	130
001811	125	125	133	hoses in version L / outer tube Ø 133	62.50	62.50	approx. 0.51-0.55	130
001812	125	125	139	hoses in version L / outer tube Ø 139.7	62.50	62.50	approx. 0.51-0.55	130
005809	140	140	152	hoses in version L / outer tube Ø 152	70.00	70.00	approx. 0.58-0.62	145
005810	160	160	/	hoses in version L / outer tube Ø 168,3	70.00	70.00	approx. 0.82-0.86	145
001813	160	160	169	hoses in version L / outer tube Ø 169	70.00	70.00	approx. 0.82-0.86	145
001814	200	200	219	hoses in version L / outer tube Ø 219.1	77.50	77.50	approx. 1.15-1.20	160
001815	250	250	255	hoses in version L / outer tube Ø 225	85.00	85.00	approx. 1.94-2.00	175
001816	32	32	33	hoses in version H / outer tube Ø 33	32.50	32.50	approx. 0.05	70
001817	32	32	38	hoses in version H / outer tube Ø 38	32.50	32.50	approx. 0.05	70
001818	32	32	39	hoses in version H / outer tube Ø 39	32.50	32.50	approx. 0.05	70
001819	32	32	40	hoses in version H / outer tube Ø 40	32.50	32.50	approx. 0.05	70
001820	32	32	42	hoses in version H / outer tube Ø 42	32.50	32.50	approx. 0.05	70
001821	38	38	40	hoses in version H / outer tube Ø 40	37.50	37.50	approx. 0.08	80
001822	38	38	42	hoses in version H / outer tube Ø 42	37.50	37.50	approx. 0.08	80
001823	38	38	44	hoses in version H / outer tube Ø 44	37.50	37.50	approx. 0.08	80
001824	38	38	48	hoses in version H / outer tube Ø 48	37.50	37.50	approx. 0.08	80
001826	50	50	53	hoses in version H / outer tube Ø 53	42.50	42.50	approx. 0.12	90

Article number	DN of the hose mm	Inner Ø of flange or socket (d1) mm	Outer Ø of the pipe (d3) mm	Type	Screw-in depth of the hose (h1) mm	Insertion depth of the threaded socket (h2) mm	Piece weight kg	Length (h3) mm
001827	50	50	54	hoses in version H / outer tube Ø 54	42.50	42.50	approx. 0.12	90
001828	50	50	58	hoses in version H / outer tube Ø 58	42.50	42.50	approx. 0.12	90
001829	50	50	60	hoses in version H / outer tube Ø 60,3	42.50	42.50	approx. 0.12	90
001830	50	50	61	hoses in version H / outer tube Ø 61	42.50	42.50	approx. 0.12	90
001831	65	65	66	hoses in version H / outer tube Ø 66	47.50	47.50	approx. 0.15- 0.16	100
001832	65	65	76	hoses in version H / outer tube Ø 76,1	47.50	47.50	approx. 0.15- 0.16	100
001833	70	70	71	hoses in version H / outer tube Ø 71	47.50	47.50	approx. 0.18- 0.19	100
001834	70	70	73	hoses in version H / outer tube Ø 73	47.50	47.50	approx. 0.18- 0.19	100
001835	70	70	76	hoses in version H / outer tube Ø 76,1	47.50	47.50	approx. 0.18- 0.19	100
001836	80	80	70	hoses in version H / outer tube Ø 70	52.50	52.50	approx. 0.22- 0.24	110
001837	80	80	76	hoses in version H / outer tube Ø 76,1	52.50	52.50	approx. 0.22- 0.24	110
001838	80	80	88	hoses in version H / outer tube Ø 88,9	52.50	52.50	approx. 0.22- 0.24	110
001839	80	80	90	hoses in version H / outer tube Ø 90	52.50	52.50	approx. 0.22- 0.24	110
001840	100	100	103	hoses in version H / outer tube Ø 103	57.50	57.50	approx. 0.33- 0.36	120
001841	100	100	104	hoses in version H / outer tube Ø 104	57.50	57.50	approx. 0.33- 0.36	120
001842	100	100	108	hoses in version H / outer tube Ø 108	57.50	57.50	approx. 0.33- 0.36	120
001843	100	100	110	hoses in version H / outer tube Ø 110	57.50	57.50	approx. 0.33- 0.36	120
001844	100	100	114	hoses in version H / outer tube Ø 114,3	57.50	57.50	approx. 0.33- 0.36	120
001845	125	125	139	hoses in version H / outer tube Ø 139,7	62.50	62.50	approx. 0.51- 0.55	130
001846	150	150	155	hoses in version H / outer tube Ø 155	70.00	70.00	approx. 0.67- 0.71	145
001847	150	150	160	hoses in version H / outer tube Ø 160	70.00	70.00	approx. 0.67- 0.71	145
001848	150	150	168	hoses in version H / outer tube Ø 168,3	70.00	70.00	approx. 0.67- 0.71	145
001849	160	160	162	hoses in version H / outer tube Ø 162	70.00	70.00	approx. 0.82- 0.86	145
001850	160	160	165	hoses in version H / outer tube Ø 165	70.00	70.00	approx. 0.82- 0.86	145
001851	160	160	168	hoses in version H / outer tube Ø 168,3	70.00	70.00	approx. 0.82- 0.86	145
001852	160	160	169	hoses in version H / outer tube Ø 169	70.00	70.00	approx. 0.82- 0.86	145
001853	180	180	193	hoses in version H / outer tube Ø 193,7	77.50	77.50	approx. 0.98- 1.02	160
001854	200	200	219	hoses in version H / outer tube Ø 219,1	77.50	77.50	approx. 1.15- 1.20	160

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)

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