

## Master-PUR H Food

Article Master No.: 000067

PU Suction & Transport Hose, medium duty, very flexible, food-grade quality acc. to EU 10/2011 and FDA



hydrolysis  
resistant



food  
approved



microbe  
resistant



transparen  
t



flexible



medium  
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, spring steel
- Execution of the wall: made of pure material, made of specified material, wall thickness between the spirals approx. 1.4 mm
- Material of the wall: Polyether Polyurethane
- Specifications of the wall: material complies with food regulations FDA 21 CFR § 177.2600 - 21 CFR § 178.2010, approved for direct food contact of categories A, B, C, D1, D2, E, according to EU Directive 1935/2004, 10/2011 and its latest amending Directives

#### Properties

- Specifications of the product: according to TRGS 727 and ATEX 2014/34 EU, 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 UV resistance, halogen-free, odourless and tasteless, microbe-resistant, good resistance to chemicals, good ozone resistance, hydrolysis resistant, plasticiser-free
- Flexibility: flexible

- Weight: medium heavy
- Pressure Resistance: pressure resistant
- Colour: transparent
- Other: high vacuum and good pressure resistance

### 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: 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	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	Stock Lengths m	Length (standard lengths available for order) m
000067:20:x	000067	20	28	45	0.23	4.30	0.92	25.00	5, 10	5, 10, 15, 20, 25
000067:25:x	000067	25	33	50	0.28	4.16	0.92	25.00	/	5, 10, 15, 20, 25
000067:26:x	000067	26	33	47	0.29	4.16	0.92	25.00	5, 10	5, 10, 15, 20, 25
000067:30:x	000067	30	39	56	0.37	3.51	0.92	25.00	/	5, 10, 15, 20, 25
000067:32:x	000067	32	41	60	0.39	3.25	0.92	25.00	5, 10	5, 10, 15, 20, 25
000067:38:x	000067	38	47	70	0.46	3.12	0.82	25.00	5, 10	5, 10, 15, 20, 25
000067:40:x	000067	40	49	70	0.49	3.00	0.82	25.00	5, 10	5, 10, 15, 20, 25
000067:45:x	000067	45	55	80	0.55	2.95	0.81	25.00	/	5, 10, 15, 20, 25
000067:51:x	000067	51	61	87	0.71	2.90	0.79	25.00	5, 10	5, 10, 15, 20, 25
000067:55:x	000067	55	65	95	0.77	2.75	0.76	25.00	/	5, 10, 15, 20, 25
000067:60:x	000067	60	70	105	0.84	2.55	0.74	25.00	5, 10	5, 10, 15, 20, 25
000067:65:x	000067	65	75	115	0.91	2.40	0.66	25.00	5, 10	5, 10, 15, 20, 25
000067:70:x	000067	70	80	120	0.97	2.25	0.66	25.00	5, 10	5, 10, 15, 20, 25
000067:76:x	000067	76	87	125	1.06	2.00	0.59	25.00	5, 10	5, 10, 15, 20, 25
000067:80:x	000067	80	91	135	1.11	2.00	0.59	25.00	5, 10	5, 10, 15, 20, 25
000067:90:x	000067	90	101	149	1.25	1.65	0.52	25.00	/	5, 10, 15, 20, 25
000067:102:x	000067	102	112	165	1.48	1.50	0.44	25.00	5, 10	5, 10, 15, 20, 25
000067:115:x	000067	115	126	186	1.68	1.35	0.31	25.00	/	5, 10, 15, 20, 25
000067:120:x	000067	120	131	195	1.75	1.30	0.31	25.00	/	5, 10, 15, 20, 25
000067:127:x	000067	127	138	205	1.91	1.30	0.31	25.00	5, 10	5, 10, 15, 20, 25
000067:130:x	000067	130	141	209	1.96	1.30	0.31	25.00	/	5, 10, 15, 20, 25
000067:152:x	000067	152	163	245	2.29	1.05	0.25	25.00	10	5, 10, 15, 20, 25

Extended Article Number	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	Stock Lengths m	Length (standard lengths available for order) m
000067:160:x	000067	160	171	255	2.51	0.90	0.25	25.00	/	5, 10, 15, 20, 25
000067:170:x	000067	170	181	255	2.67	0.90	0.18	25.00	/	5, 10, 15, 20, 25
000067:180:x	000067	180	191	285	2.82	0.75	0.18	25.00	/	5, 10, 15, 20, 25
000067:203:x	000067	203	215	325	3.50	0.75	0.18	25.00	/	5, 10, 15, 20, 25
000067:250:x	000067	250	362	372	4.50	0.73	0.18	25.00	/	5, 10, 15, 20, 25

All data refer to a medium and ambient temperature of +20°C.

Specification of the bending radius related to the inside of the hose bend

Subject to technical changes and colour deviations

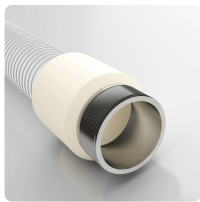
## Delivery Variants

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)).

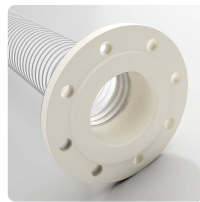
## Possible Connection Elements



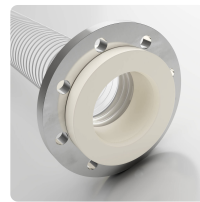
**Combiflex VA Threaded Sockets Food**  
cast-on VA threaded socket with male thread to DIN ISO 228 for all Master-PUR Food hoses, food-safe EU 10/2011



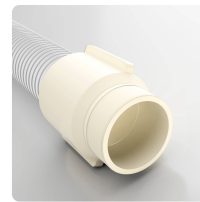
**Master-Grip Double Wire Clamp, screw-fitting**  
Special clamp for fastening light and medium-weight, right-handed spiral hoses such as Flamex B-se, Flamex B-F se, Master-PUR Trivolution, Master-PUR Food, Master-PVC and Master-SANTO



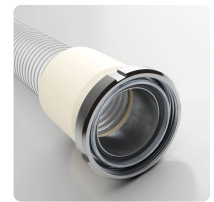
**Combiflex Cast-on PU Fixed Flange Food**  
fixed flange for all Master-PUR Food hose types, approved for direct food contact EU 10/2011, for counterflanges acc. to DIN 2632 / DIN 2633 / DIN 2673



**Combiflex PU Swivel Flange Food**  
fixed PU 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 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)

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