

Master-PUR L Cradle-to-Cradle

PU suction and delivery hose, manufactured from a material that meets Cradle to Cradle criteria for the hose industry

flexible | light | moderately pressure resistant

Product Details

Construction / Material

- Type of construction: profile extruded hose with metal spiral
- Material of the spiral: stainless steel 1.4310
- Execution of the wall: made of pure material, made of specified material, wall thickness between the spirals approx. 0.7 mm, material suitable for the hose industry in accordance with Cradle-to-Cradle criteria (abrasion-resistant and biodegradable in accordance with ISO 14855)

Properties

- Chemical Properties: good resistance to oil, good resistance to fats
- Flexibility: flexible
- Weight: light
- Pressure Resistance: moderately pressure resistant
- Colour: whitish and opaque

Operating Temperature

- Temperature Range: -40to 60°C

Application Areas

- Areas of application: Plastics, Conveying, lifting & feeding technology

Customizing Options

- optional item modification (on request): other lengths, other nominal widths, with customer-specific imprint

Article Variants

Nominal Size (DN) in mm	Outer diameter in mm	Bending radius* in mm	Weight in kg/m	Operating pressure in bar	Negative pressure in bar	Max. Production length in m	Length (standard lengths available for order) in m
40	48	72	0.40	1.88	0.50	25.00	10
45	45	80	0.42	1.64	0.45	25.00	10
51	51	87	0.48	1.50	0.39	25.00	10
55	55	95	0.51	1.38	0.33	25.00	10
60	60	102	0.53	1.25	0.33	25.00	10
63	63	105	0.57	1.20	0.31	25.00	10
65	65	110	0.64	1.13	0.28	25.00	10
70	70	117	0.68	1.00	0.28	25.00	10
76	76	126	0.72	1.00	0.22	25.00	10
80	80	132	0.76	0.88	0.22	25.00	10
90	90	149	0.88	0.75	0.17	25.00	10
102	102	165	0.95	0.75	0.17	25.00	10
110	110	179	1.03	0.63	0.17	25.00	10
115	115	186	1.06	0.63	0.17	25.00	10
120	120	194	1.12	0.63	0.17	25.00	10
127	127	203	1.18	0.63	0.17	25.00	10
130	130	209	1.20	0.50	0.17	25.00	10
140	140	224	1.38	0.50	0.11	25.00	10
152	152	242	1.48	0.50	0.11	25.00	10
160	160	255	1.74	0.50	0.11	25.00	10
170	170	270	1.80	0.38	0.11	25.00	10
175	175	278	1.85	0.38	0.11	25.00	10
180	180	285	1.90	0.38	0.11	25.00	10
203	203	321	2.30	0.38	0.11	25.00	10

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 0**

Product requests via: **https://www.masterflex-slang.nl/**

Headquarters for your sales area

Masterflex SE

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