



Master-PUR STEP

Article Master No.: 000396

PU Film Hose, crush-resistant, hardly inflammable acc. to DIN 4102 B1

flame retardant | transparent | crush-proof | very flexible | light | moderately pressure resistant

Product Details

Construction / Material

- Type of construction: film hose with attached support coil
- Material of the helix: polyurethane
- Execution of the wall: made of pure material, made of specified material, addition of flame retardant additives, wall thickness between the spirals approx. 0.5 mm
- Material of the wall: polyester polyurethane
- Specifications of the wall: according to DIN ISO 4649, the material is more abrasion-resistant than rubber (approx. a factor of 4) or soft PVC (approx. a factor of 3), flame retardant according to DIN 4102 B1
- Design of the profile coil: made of plastic
- Design of the stranded wire: made of metal

Properties

- Specifications of the product: complies with the requirements of the Holz-BG, BGI 739-2
- Chemical Properties: good resistance to chemicals, good UV resistance, good resistance to oil, good resistance to petrol
- Flexibility: very flexible
- Weight: light
- Pressure Resistance: moderately pressure resistant
- Colour: tubing wall transparent with blue spiral
- Other: good recovery properties

Operating Temperature

- Temperature Range: -40to 90°C
- short-term maximum temperature: peaks to 125 °C

Delivery Information

- Delivery, type of production: various nominal diameters in standard lengths are available ex-production, individual nominal diameters and lengths also ex-stock

Application Areas

- Areas of application: Plant & Mechanical Engineering, Industry, aviation technology, Ventilation & Air-conditioning, Sea & Rail transport, Wood, Plastics, Conveying, lifting & feeding technology, Textile, Metal & Toolmaking

Customizing Options

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

Article Variants

Extended Article Number	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	Stock Lengths in m	Length (standard lengths available for order) in m
000396:38:x	38	64	48	0,37	0,80	0,21	25.00	10	15
000396:51:x	51	68	50	0.39	0.78	0.20	25.00	5 / 10 / 15	20 / 25
000396:60:x	60	80	65	0.45	0.76	0.19	25.00	10	5 / 15 / 20 / 25
000396:76:x	76	95	75	0.61	0.61	0.13	25.00		5 / 10 / 15 / 20 / 25
000396:80:x	80	100	80	0.65	0.53	0.13	25.00	10 / 20	5 / 15 / 25
000396:102:x	102	120	100	0.80	0.46	0.09	25.00	10	5 / 15 / 20 / 25
000396:120:x	120	140	120	0.95	0.38	0.09	25.00	10	5 / 15 / 20 / 25
000396:140:x	140	160	140	1.15	0.30	0.06	25.00		5 / 10 / 15 / 20 / 25
000396:152:x	152	170	150	1.20	0.30	0.06	25.00		5 / 10 / 15 / 20 / 25
000396:160:x	160	180	160	1.30	0.30	0.06	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)).

Suitable for the product



Car-Grip Hose Clamp, screwable
special clamp for attaching Carflex Super and Master-PUR STEP hoses to mobile and stationary systems



Car-Grip Hose Clamp, screwable, Steel quality W4, stainless steel 1.4301
special clamp for attaching Carflex Super and Master-PUR STEP hoses to mobile and stationary systems



Car-Grip Quick-Fix Clamp
Special clamp for attaching Carflex Super and Master-PUR STEP hoses to mobile and stationary installations



Heat Shrink Cuff
Heat shrink sleeve for easy connection and sealing of hoses



Hose connector
Sheet steel connector for extending, connecting and joining light to medium-weight hoses



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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