

## Master-PUR STEP

Article Master No.: 000396

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



flame  
retardant



transparen  
t



crush-  
proof



very  
flexible



light



moderatel  
y pressure  
resistant

### Product Details

#### Construction / Material

- Type of construction: Film hose or fabric hose with attached support coil
- 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: Material is more abrasion resistant than comparable polyether polyurethane according to DIN ISO 4649, flame retardant according to DIN 4102 B1
- Design of the profile coil: Made of plastic as a special hose (strand) and inserted into the helix
- Design of the stranded wire: made of flame retardant material
- Material of the stranded wire: Polyurethane

#### Properties

- Specifications of the product: Complies with the requirements of the Holz-BG, BGI 739-2, according to TRGS 727 and ATEX 2014/34 EU
- 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: -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: Plant & Mechanical Engineering, Industry, Aerospace 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	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
000396:38:x	000396	38	64	48	0,37	0,80	0,21	25,00	10, 15
000396:51:x	000396	51	68	50	0,39	0,78	0,20	25,00	
000396:60:x	000396	60	80	65	0,45	0,76	0,19	25,00	
000396:76:x	000396	76	95	75	0,61	0,61	0,13	25,00	
000396:80:x	000396	80	100	80	0,65	0,53	0,13	25,00	
000396:102:x	000396	102	120	100	0,80	0,46	0,09	25,00	5,00, 10
000396:120:x	000396	120	140	120	0,95	0,38	0,09	25,00	5,00, 10
000396:140:x	000396	140	160	140	1,15	0,30	0,06	25,00	
000396:152:x	000396	152	170	150	1,20	0,30	0,06	25,00	
000396:160:x	000396	160	180	160	1,30	0,30	0,06	25,00	

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.

## Possible Connection Elements



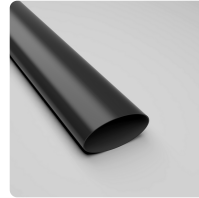
**Car-Grip Hose Clamp, screwable**  
special clamp for attaching Carflex Super and Master-PUR STEP hoses to mobile and stationary systems



**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 97077-112

Product requests via  
[masterflex.de/en](https://www.masterflex.de/en)

### Address Headquarters

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