



## Master PU LF

Article Master No.: 007569

PU Film Hose, ultra-lightweight, highly flexible and compressible.



compressible



very flexible



moderately  
pressure  
resistant

### Product Details

#### Construction / Material

- Type of construction: film hose with metal spiral
- Spiral Design: made of steel wire
- Material of the spiral: spring steel
- Execution of the wall: made of highly abrasion-resistant material / made of pure material / wall thickness between the spirals approx. 0.4 mm
- Material of the wall: Polyester Polyurethane

#### Properties

- Specifications of the product: acc. to TRGS 2153 (Zone 1, 21) for nonflammable dust/bulk solids and gases/liquids with low conductivity of electrostatic charges when earthed at both ends of the spiral
- Chemical Properties: good resistance to petrol / good resistance to solvents / good resistance to oil / good UV resistance / good ozone resistance / halogen-free / plasticiser-free
- Mechanical Properties: small bending radius / kink-resistant / compressible approx. 1:5
- Flexibility: very flexible
- Physical Properties: gas-tight
- Pressure Resistance: moderately pressure resistant

#### Operating Temperature

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

## Delivery Information

## Application Areas

## Customizing Options

## Article Variants

| Extended Article Number | Article number | Nominal Size (DN)<br>mm | Outer diameter<br>mm | Bending radius*<br>mm | Weight<br>kg/m | Operating pressure<br>bar | Negative pressure<br>bar |
|-------------------------|----------------|-------------------------|----------------------|-----------------------|----------------|---------------------------|--------------------------|
| 007569:38:x             | 007569         | 38                      | 46                   | 20                    | 0.28           | 0.82                      | 0.24                     |
| 007569:51:x             | 007569         | 51                      | 57                   | 25                    | 0.30           | 0.78                      | 0.20                     |
| 007569:60:x             | 007569         | 60                      | 68                   | 35                    | 0.37           | 0.76                      | 0.19                     |
| 007569:65:x             | 007569         | 65                      | 73                   | 38                    | 0.40           | 0.68                      | 0.19                     |
| 007569:70:x             | 007569         | 70                      | 78                   | 40                    | 0.43           | 0.61                      | 0.16                     |
| 007569:76:x             | 007569         | 76                      | 82                   | 43                    | 0.50           | 0.30                      | 0.11                     |
| 007569:80:x             | 007569         | 80                      | 87                   | 45                    | 0.53           | 0.28                      | 0.10                     |
| 007569:90:x             | 007569         | 90                      | 98                   | 50                    | 0.60           | 0.23                      | 0.07                     |
| 007569:100:x            | 007569         | 102                     | 107                  | 55                    | 0.67           | 0.23                      | 0.07                     |
| 007569:110:x            | 007569         | 110                     | 118                  | 60                    | 0.73           | 0.20                      | 0.07                     |
| 007569:115:x            | 007569         | 115                     | 123                  | 63                    | 0.76           | 0.20                      | 0.07                     |
| 007569:120:x            | 007569         | 120                     | 128                  | 65                    | 0.79           | 0.20                      | 0.07                     |
| 007569:125:x            | 007569         | 127                     | 133                  | 68                    | 0.83           | 0.20                      | 0.07                     |
| 007569:130:x            | 007569         | 130                     | 138                  | 70                    | 0.84           | 0.15                      | 0.07                     |
| 007569:140:x            | 007569         | 140                     | 148                  | 75                    | 0.86           | 0.15                      | 0.05                     |
| 007569:150:x            | 007569         | 152                     | 158                  | 80                    | 0.89           | 0.15                      | 0.05                     |
| 007569:160:x            | 007569         | 160                     | 168                  | 85                    | 1.05           | 0.15                      | 0.05                     |
| 007569:180:x            | 007569         | 180                     | 188                  | 95                    | 1.13           | 0.11                      | 0.05                     |
| 007569:200:x            | 007569         | 203                     | 209                  | 105                   | 1.25           | 0.11                      | 0.05                     |
| 007569:225:x            | 007569         | 227                     | 235                  | 118                   | 1.41           | 0.15                      | 0.03                     |
| 007569:250:x            | 007569         | 250                     | 260                  | 130                   | 1.58           | 0.15                      | 0.03                     |
| 007569:300:x            | 007569         | 305                     | 310                  | 155                   | 2.07           | 0.14                      | 0.03                     |
| 007569:315:x            | 007569         | 315                     | 325                  | 160                   | 2.25           | 0.14                      | 0.02                     |
| 007569:350:x            | 007569         | 356                     | 360                  | 180                   | 2.40           | 0.12                      | 0.02                     |
| 007569:400:x            | 007569         | 406                     | 410                  | 210                   | 2.74           | 0.12                      | 0.02                     |

All data refer to a medium and ambient temperature of +25 °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)).

### 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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