

Flamex B-F se for machining centers

Article Master No.: 000389

PU Film Hose, PU Foil Hose, light duty, highly flexible and compressible, hardly inflammable acc. to DIN 4102 B1



transparent



flame
retardant



compressible



very
flexible



light



moderately
pressure
resistant

Product Details

Construction / Material

- Type of construction: film hose with embedded support coil
- Spiral Design: made of reinforced steel wire
- Material of the spiral: spring steel
- Execution of the wall: 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 polyurethane according to DIN ISO 4649, flame retardant according to DIN 4102 B1

Properties

- Specifications of the product: complies with the requirements of the Holz-BG, BGI 739-2
- Chemical Properties: halogen-free, good resistance to chemicals, good resistance to petrol, good resistance to oil, plasticiser-free
- Mechanical Properties: compressible approx. 1:4, permanently kink-resistant
- Flexibility: very flexible
- Weight: light
- Pressure Resistance: moderately pressure resistant

Operating Temperature

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

Delivery Information

Application Areas

- Areas of application: Plant & Mechanical Engineering, Wood

Customizing Options

- optional item modification (on request): 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
000389:200:x	000389	200	211	120	2.13	0.25	0.030	25.00	10	5, 10, 15, 20, 25
000389:225:x	000389	225	235	130	2.38	0.22	0.025	25.00	/	5, 10, 15, 20, 25
000389:250:x	000389	250	262	140	2.66	0.20	0.025	25.00	10, 15	5, 10, 15, 20, 25
000389:280:x	000389	280	290	150	2.95	0.20	0.020	25.00	10	5, 10, 15, 20, 25
000389:300:x	000389	300	312	185	3.17	0.16	0.020	25.00	10, 15	5, 10, 15, 20, 25
000389:315:x	000389	315	325	190	3.31	0.16	0.020	25.00	10	5, 10, 15, 20, 25
000389:350:x	000389	350	362	210	3.69	0.14	0.020	25.00	10	5, 10, 15, 20, 25
000389:400:x	000389	400	412	230	4.21	0.13	0.015	25.00	10	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



Hose Reducer, symmetrical
Hose reducer for extending, connecting and joining light to medium weight hoses



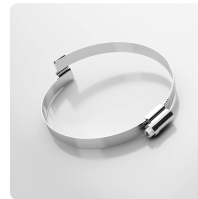
Heat Shrink Cuff
Heat shrink sleeve for easy connection and sealing of hoses



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



Master-Grip Hose Clamp, screwable
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-PVC and Master-SANTO



Master-Grip Hose Clamp, screwable, Steel quality W4, stainless steel 1.4301
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-PVC and Master-SANTO



Master-Grip Quick-Fix Clamp
Special clamp for fastening light and medium-weight, right-hand spiral hoses such as Flamex B-se, Flamex B-F se, Master-PUR Trivolution, Master-PVC and Master-SANTO

Individual consultation

We offer consultation by phone:
+49 209 97077-112

Product requests via
masterflex.de/en

Address Headquarters

Masterflex SE
Willy-Brandt-Allee 300
45981 Gelsenkirchen

