



Flamex B-F AE

Article Master No.: 007572

FDA PU flexible hose, lightweight, non-flammable, microbe-resistant, chemical/food/pharmaceutical industry.



microbe
resistant



compressible



food approved



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. 0.5 mm
- Material of the wall: polyether polyurethane
- Specifications of the wall: material complies with food regulations FDA 21 CFR § 177.2600 - 21 CFR § 178.2010

Properties

- Specifications of the product: in accordance with TRGS 727 and ATEX requirements, suitable for the aspirated transport of flammable bulk materials and dusts provided the wire spiral is earthed, suitable in accordance with TRGS, provided that there is only a low level of dust inside the hose assembly and, consequently, the occurrence of hazardous explosive dust atmospheres is to be expected only rarely and for short periods (Zone 22)., in accordance with TRGS, when the spiral is earthed, suitable for the pneumatic conveyance of non-combustible bulk solids through Zone 1, where the risk is posed by hazardous substances in groups IIA and IIB. ATEX assessment has to be done by the operator
- Chemical Properties: microbe-resistant

- Flexibility: very flexible
- Pressure Resistance: moderately pressure resistant

Operating Temperature

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

Application Areas

- Areas of application: Wood

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
007572:75:x	75	83	43	0.52	0.61	0.13
007572:80:x	80	88	45	0.55	0.53	0.13
007572:100:x	100	108	55	0.69	0.46	0.13
007572:115:x	115	124	63	0.78	0.38	0.09
007572:125:x	125	136	68	0.85	0.38	0.09
007572:150:x	150	159	80	1.02	0.30	0.06
007572:160:x	160	169	85	1.08	0.30	0.06
007572:180:x	180	189	95	1.13	0.23	0.06
007572:200:x	200	210	105	1.26	0.23	0.06
007572:225:x	225	235	118	1.41	0.15	0.06
007572:250:x	250	260	130	1.58	0.15	0.06

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)).