



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: 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: 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

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
007569:38:x	38	46	20	0.28	0.82	0.24
007569:51:x	51	57	25	0.30	0.78	0.20
007569:60:x	60	68	35	0.37	0.76	0.19
007569:65:x	65	73	38	0.40	0.68	0.19
007569:70:x	70	78	40	0.43	0.61	0.16
007569:76:x	76	82	43	0.50	0.30	0.11
007569:80:x	80	87	45	0.53	0.28	0.10
007569:90:x	90	98	50	0.60	0.23	0.07
007569:100:x	102	107	55	0.67	0.23	0.07
007569:110:x	110	118	60	0.73	0.20	0.07
007569:115:x	115	123	63	0.76	0.20	0.07
007569:120:x	120	128	65	0.79	0.20	0.07
007569:125:x	127	133	68	0.83	0.20	0.07
007569:130:x	130	138	70	0.84	0.15	0.07
007569:140:x	140	148	75	0.86	0.15	0.05
007569:150:x	152	158	80	0.89	0.15	0.05
007569:160:x	160	168	85	1.05	0.15	0.05
007569:180:x	180	188	95	1.13	0.11	0.05
007569:200:x	203	209	105	1.25	0.11	0.05
007569:225:x	227	235	118	1.41	0.15	0.03
007569:250:x	250	260	130	1.58	0.15	0.03
007569:300:x	305	310	155	2.07	0.14	0.03
007569:315:x	315	325	160	2.25	0.14	0.02
007569:350:x	356	360	180	2.40	0.12	0.02
007569:400:x	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)).