

FLAMEX B-F SE

Ref 000382

PU Film Hose, PU Foil Hose, light duty, highly flexible and compressible, hardly inflammable acc.



Flame-retardant

Compressible 1:4

Very flexible

Light

Moderately pressure resistant

-40 to +90 °C

CONSTRUCTION & MATERIALS

- Construction: film hose with embedded support coil
- Spiral Design: made of steel wire
- Material of the spiral: spring steel
- Wall: made of highly abrasion-resistant material / wall thickness between the spirals approx. 0.5 mm
- Wall material: 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 DIN 26057 Type I / complies with the requirements of the Holz-BG, BGI 739-2 / in accordance with TRGS 727, 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 wire spiral is earthed, it is suitable for the pneumatic conveyance of non-combustible bulk materials through Zone 1, where the risk is posed by hazardous substances in explosion groups IIA and IIB
- Chemical resistance: good UV resistance / halogen-free / good resistance to chemicals / good resistance to petrol / good resistance to oil / plasticiser-free
- Mechanical: permanently kink-resistant / compressible approx. 1:4
- Flexibility: very flexible
- Weight: light
- Pressure: moderately pressure resistant
- Colour: transparent

TEMPERATURE

- Operating range: -40 to 90 °C
- Short-term peak: peaks to 125 °C

APPLICATIONS & INDUSTRIES

- Applications: Agriculture / Automotive / Plant & Mechanical Engineering / Industry / Ventilation & Air-conditioning / Bulk & Construction / Wood / Chemistry / Food & Pharma / Waste Disposal & Cleaning Technology / Plastics / Conveying, lifting & feeding technology / Textile / Printing & Paper / Metal & Toolmaking

STANDARDS & COMPLIANCE

- DIN 4102 B1, TRGS 727, DIN 26057 Type I, Holz-BG BGI 739-2, DIN ISO 4649

VARIANT SPECIFICATIONS

32 sizes · DN 40 to 400 mm

Article no.	DN (mm)	Outer Ø (mm)	Bend radius (mm)	Weight (kg/m)	Working press. (bar)	Vacuum (bar)
000382:40:x	40	46	20	0.26	0.82	0.24
000382:45:x	45	51	22	0.28	0.80	0.22
000382:50:x	50	56	24	0.31	0.79	0.21
000382:51:x	51	57	25	0.32	0.78	0.20
000382:60:x	60	68	35	0.37	0.76	0.19
000382:63:x	63	71	37	0.39	0.72	0.17
000382:65:x	65	73	38	0.40	0.68	0.16
000382:70:x	70	78	40	0.43	0.61	0.16
000382:76:x	76	83	43	0.52	0.61	0.13
000382:80:x	80	88	45	0.55	0.53	0.13
000382:90:x	90	99	50	0.61	0.46	0.09
000382:102:x	102	108	55	0.69	0.46	0.09
000382:110:x	110	119	60	0.75	0.38	0.09
000382:115:x	115	124	63	0.78	0.38	0.09
000382:120:x	120	129	65	0.81	0.38	0.09
000382:127:x	127	136	68	0.85	0.38	0.09
000382:130:x	130	139	70	0.88	0.30	0.09
000382:140:x	140	149	75	0.95	0.30	0.06
000382:152:x	152	159	80	1.02	0.30	0.06
000382:160:x	160	169	85	1.08	0.30	0.06
000382:170:x	170	179	90	1.07	0.23	0.06
000382:175:x	175	184	93	1.10	0.23	0.06
000382:180:x	180	189	95	1.13	0.23	0.06
000382:200:x	200	208	103	1.24	0.23	0.06
000382:203:x	203	210	105	1.26	0.23	0.06
000382:225:x	225	235	118	1.41	0.15	0.03
000382:250:x	250	257	128	1.56	0.15	0.03
000382:254:x	254	260	130	1.58	0.15	0.03
000382:280:x	280	290	145	1.92	0.15	0.03
000382:300:x	300	310	155	2.07	0.14	0.03
000382:350:x	350	360	180	2.40	0.12	0.02
000382:400:x	400	410	210	2.74	0.12	0.02

Lengths. Supplied in standard stock lengths – see flex-appeal.co.uk for available sizes.