

Flamex B-F se

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

Material

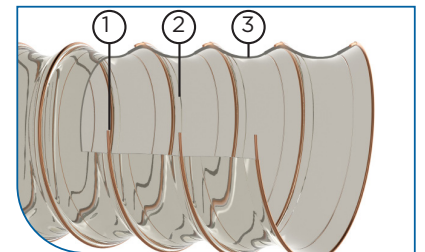
- 1 spiral: spring steel wire
- 2 wall: pure polyester polyurethane (acc. to DIN ISO 4649 more abrasion-resistant in comparison to polyether polyurethane)
- 3 wall thickness between spirals approx. 0.5 mm

Applications

- hardly inflammable transport hose for abrasive solids
- wood processing machines
- shavings extractions in wood processing
- protective hose against mechanical wear

Properties

- flame retardant acc. to DIN 4102 B1
- Acc. to requirements of the Holz-BG standard, BGI 739-2
- symmetrical fold behaviour
- extremely compressible to approx. 1:4
- highly flexible
- permanently kink resistant
- smallest bending radius
- halogen and plasticizer-free
- optimum flow characteristics
- highly abrasion-resistant
- good resistance to chemicals, oil and fuel
- high tensile strength
- generally good UV and ozone resistance
- acc. to TRGS 727 and ATEX 2014/34 EU, with earthing at both ends of the spiral for non-flammable dust/bulk solids in Zone 22. For gases/liquids with low conductivity of electrostatic charges in Zone 2.



Temperature Range

- -40°C to +90°C
- peaks to +125°C

DN	op. pressure	vacuum	bend radius	outer Ø	weight/m	old article no.	new article no.	standard length	max. production length
mm	bar	bar	mm	mm	kg			m	m
40	0.82	0.24	20	46	0.26	310-040-x	000382-040-x	10	25
45*	0.8	0.22	22	51	0.28	310-045-x	000382-045-x	10	25
50*	0.79	0.21	24	56	0.31	310-050-x	000382-050-x	10	25
51	0.78	0.2	25	57	0.32	310-051-x	000382-051-x	10	25
60	0.76	0.19	35	68	0.37	310-060-x	000382-060-x	10	25
63*	0.72	0.17	37	71	0.39	310-063-x	000382-063-x	10	25
65	0.68	0.16	38	73	0.4	310-065-x	000382-065-x	10	25
70	0.61	0.16	40	78	0.43	310-070-x	000382-070-x	10	25
75*	0.61	0.15	42	82	0.5	310-075-x	000382-075-x	10	25
76	0.61	0.13	43	83	0.52	310-076-x	000382-076-x	10	25
80	0.53	0.13	45	88	0.55	310-080-x	000382-080-x	10	25
90	0.46	0.09	50	99	0.61	310-090-x	000382-090-x	10	25
100*	0.46	0.09	53	106	0.67	310-100-x	000382-100-x	10	25
102	0.46	0.09	55	108	0.69	310-102-x	000382-102-x	10	25
110	0.38	0.09	60	119	0.75	310-110-x	000382-110-x	10	25
115	0.38	0.09	63	124	0.78	310-115-x	000382-115-x	10	25
120	0.38	0.09	65	129	0.81	310-120-x	000382-120-x	10	25
125*	0.38	0.09	67	135	0.83	310-125-x	000382-125-x	10	25
127	0.38	0.09	68	136	0.85	310-127-x	000382-127-x	10	25
130	0.3	0.09	70	139	0.88	310-130-x	000382-130-x	10	25
140	0.3	0.06	75	149	0.95	310-140-x	000382-140-x	10	25
150*	0.3	0.06	78	157	1.01	310-150-x	000382-150-x	10	25
152	0.3	0.06	80	159	1.02	310-152-x	000382-152-x	10	25
160	0.3	0.06	85	169	1.08	310-160-x	000382-160-x	10	25
170	0.23	0.06	90	179	1.07	310-170-x	000382-170-x	10	25
175*	0.23	0.06	93	184	1.1	310-175-x	000382-175-x	10	25
180	0.23	0.06	95	189	1.13	310-180-x	000382-180-x	10	25
200*	0.23	0.06	103	208	1.24	310-200-x	000382-200-x	10	25
203	0.23	0.06	105	210	1.26	310-203-x	000382-203-x	10	25
225	0.15	0.03	118	235	1.41	310-225-x	000382-225-x	10	25
250*	0.15	0.03	128	257	1.56	310-250-x	000382-250-x	10	25
254	0.15	0.03	130	260	1.58	310-254-x	000382-254-x	10	25
280	0.15	0.03	145	290	1.92	310-280-x	000382-280-x	10	25
300	0.14	0.03	155	310	2.07	310-300-x	000382-300-x	10	25
350	0.12	0.02	180	360	2.4	310-350-x	000382-350-x	10	25
400	0.12	0.02	210	410	2.74	310-400-x	000382-400-x	10	25



Hose Reducer, symmetrical



Hose Connector



Clip-Grip Quick-Fix Clamp



Clip-Grip Hose Clamp, screwable

All data refers to a medium and ambient temperature of +20 °C.

* Available on request

Subject to technical changes and colour deviations.