

Flamex B-F se

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



Material

spiral: spring steel wire
 wall: pure polyester polyurethane (acc. to DIN ISO 4649 more abrasion-resistant in comparison to polyether polyurethane)
 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

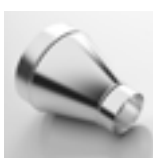
- hardly inflammable acc. to DIN 4102 B1
- acc. to requirements of the Holz-BG standard, BGI 739-2
- symmetrical fold behaviour
- extremely compressible to approx. 1:4
- highly flexible
- very light
- permanently kink resistant
- smallest bending radii
- halogen and plasticizer-free
- optimum flow characteristics
- 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.
- acc. to DIN 26057 type I

Temperature Range

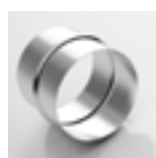
- -40°C to +90°C
- peaks to +125°C

DN	op. pressure c. bar	vacuum c. mmWG	bend radius c. mm	outer Ø c. mm	weight c. kg/m	article no.	stock length
38	0,82	2450	20	46	0,26	310-038-1000	10m
50	0,78	2000	25	57	0,32	310-050-1000	10m
60	0,76	1900	35	68	0,37	310-060-1000	10m
65	0,68	1600	38	73	0,40	310-065-1000	10m
70	0,61	1600	40	78	0,43	310-070-1000	10m
75	0,61	1300	43	83	0,52	310-075-1000	10m
80	0,53	1300	45	88	0,55	310-080-1000	10m
90	0,46	950	50	99	0,61	310-090-1000	10m
100	0,46	900	55	108	0,69	310-100-1000	10m
110	0,38	900	60	119	0,75	310-110-1000	10m
115	0,38	900	63	124	0,78	310-115-1000	10m
120	0,38	900	65	129	0,81	310-120-1000	10m
125	0,38	900	68	136	0,85	310-125-1000	10m
130	0,30	900	70	139	0,88	310-130-1000	10m
140	0,30	600	75	149	0,95	310-140-1000	10m
150	0,30	600	80	159	1,01	310-150-1000	10m
160	0,30	600	85	169	1,08	310-160-1000	10m
180	0,23	600	95	189	1,13	310-180-1000	10m
200	0,23	600	105	210	1,26	310-200-1000	10m
225	0,15	300	118	235	1,41	310-225-1000	10m
250	0,15	300	130	260	1,58	310-250-1000	10m
300	0,14	300	155	310	2,07	310-300-1000	10m
315	0,14	250	160	325	2,25	310-315-1000	10m
350	0,12	200	180	360	2,40	310-350-1000	10m
400	0,12	200	210	410	2,74	310-400-1000	10m

All data refers to a media and ambient temperature of +20 °C
 * refers to the inside of the hose
 Available from stock in the above listed lengths and sizes.
 Subject to technical changes and colour deviations.



Hose Reducer,
symmetrical



Hose Connector



Master-Grip Hose Clamp,
screwable



Master-Grip Quick-Fix
Clamp