

Flamex B-F se for machining centers

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



Technical Drawing



Connections



Construction



Applications

- Hardly inflammable transport hose for abrasive solids
- Wood processing machines
- Extractor units with greater suction performance
- Protective hose against mechanical wear
- Chip suction/extraction with CNC controlled processing machines

Properties

- smallest bending radii
- hardly inflammable acc. to DIN 4102 B1
- acc. to requirements of the Holz-BG standard, BGI 739-2
- symmetrical fold behaviour
- highly flexible
- halogen free
- optimum flow characteristics
- extremely compressible to approx. 1:4
- permanently kink resistant
- generally good UV and ozone resistance

- high tensile strength
- highly abrasion-resistant
- good resistance to chemicals, oil and fuel

Available on request

- Available on request in other lengths, sizes.

Material

- spiral: reinforced 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

Temperature Range

- -40°C to +90°C
- peaks to +125°C

Product Variations (**Please replace "x" with your desired hose length.)

DN	op. pressure	vacuum	bend radius	outer Ø	weight/m	old article no.	**new article no.	stock length	max. production length
	bar	bar	mm	mm	kg			m	m
200	0,83	0,25	211	211	1,94	310-200-903	000389:200:x	10	25
225	0,8	0,22	235	235	2,39	310-225-902	000389:225:x	/	25
250	0,76	0,18	262	262	2,85	310-250-902	000389:250:x	10/15	25
280	0,73	0,14	290	290	3,4	310-280-901	000389:280:x	10	25
300	0,7	0,11	312	312	3,76	310-300-902	000389:300:x	10/15	25
315	0,68	0,09	325	325	4,05	310-315-901	000389:315:x	10	25
350	0,63	0,04	362	362	4,67	310-350-901	000389:350:x	10	25
400	0,56	0,02	412	412	5,58	310-400-903	000389:400:x	10	25

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

* Refers to the inner hose lining

Subject to technical changes and colour deviations.