

Flamex BF AE

PU Suction & Transport Hose, lightweight, extremely flexible, food-grade quality acc. to FDA

Material

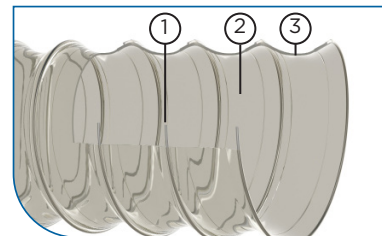
- 1 spiral: spring steel wire
- 2 wall: pure polyether polyurethane, food-grade quality (FDA)
- 3 wall thickness between spirals approx. 0.5 mm

Applications

- pharmaceutical industry
- chemicals industry
- food industry

Properties

- materials comply with the following food regulations:
 - FDA 21 CFR §177.2600
 - FDA 21 CFR §178.2010
- abrasion-resistant
- highly flexible
- light
- odourless/tasteless
- microbe and hydrolysis-resistant
- smallest bending radius
- halogen and plasticizer-free
- optimum flow characteristics
- good chemical resistance
- 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

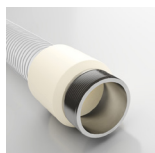
- -40°C to +90°C
- peaks to +125°C

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
75*	0.61	0.13	43	83	0.52	212-075-x	007572-075-x	10	15
80*	0.53	0.13	45	88	0.55	212-080-x	007572-080-x	10	15
100*	0.46	0.13	55	108	0.69	212-100-x	007572-100-x	10	15
115*	0.38	0.09	63	124	0.78	212-115-x	007572-115-x	10	15
125*	0.38	0.09	68	136	0.85	212-125-x	007572-125-x	10	15
150*	0.3	0.06	80	159	1.02	212-150-x	007572-150-x	10	15
160*	0.3	0.06	85	169	1.08	212-160-x	007572-160-x	10	15
180*	0.23	0.06	95	189	1.13	212-180-x	007572-180-x	10	15
200*	0.23	0.06	105	210	1.26	212-200-x	007572-200-x	10	15
225*	0.15	0.06	118	235	1.41	212-225-x	007572-225-x	10	15
250*	0.15	0.06	130	260	1.58	212-250-x	007572-250-x	10	15

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

* Available on request

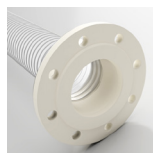
Subject to technical changes and colour deviations.



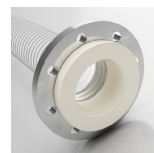
Combiflex PU Cast-On Connectors, Food



Master-Grip Double-Wire Clamp



Combiflex PU Fixed Flange Food



Combiflex PU Swivel Flange Food



Combiflex PU Threaded Sockets Food