

MASTER PUR LF FOOD

Ref 000383

A PU suction and transport hose with a 0.5 mm film wall and an embedded stainless steel 1.4310 spiral. It is light-duty, very flexible, compressible (1:3), halogen-free and food-contact compliant, with good resistance to chemicals, UV and ozone. Rated from -40 to +90 °C. Typical uses include suction, delivery and food transfer.



Compressible 1:3

Highly flexible

Food-safe

-40 to +90 °C

CONSTRUCTION & MATERIALS

- Construction: film hose with embedded support coil
- Spiral Design: made from stainless steel wire
- Material of the spiral: spring steel
- Wall: made of pure material / wall thickness between the spirals approx. 0.5 mm
- Wall material: polyether polyurethane

TEMPERATURE

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

STANDARDS & COMPLIANCE

- EU 1935/2004, EU 10/2011, FDA 21 CFR § 177.2600, FDA 21 CFR § 178.2010, GMP EC 2023/2006

VARIANT SPECIFICATIONS

27 sizes · DN 40 to 400 mm

Article no.	DN (mm)	Outer Ø (mm)	Bend radius (mm)	Weight (kg/m)	Working press. (bar)	Vacuum (bar)
000383:40:x	40	46	20	0.28	0.82	0.24
000383:50:x	50	56	24	0.33	0.78	0.20
000383:51:x	51	57	25	0.34	0.78	0.20
000383:60:x	60	68	35	0.35	0.76	0.19
000383:70:x	70	78	40	0.41	0.61	0.16
000383:75:x	75	82	42	0.51	0.61	0.13
000383:76:x	76	83	43	0.53	0.61	0.13
000383:80:x	80	88	45	0.53	0.53	0.13
000383:90:x	90	99	50	0.60	0.46	0.09
000383:100:x	100	107	54	0.68	0.46	0.09
000383:102:x	102	108	55	0.69	0.46	0.09
000383:110:x	110	119	60	0.73	0.38	0.09
000383:120:x	120	129	65	0.82	0.38	0.09
000383:125:x	125	132	68	0.84	0.38	0.09
000383:127:x	127	134	70	0.85	0.38	0.09
000383:150:x	150	157	79	1.00	0.30	0.06
000383:152:x	152	159	80	1.02	0.30	0.06
000383:160:x	160	169	85	1.23	0.30	0.06
000383:180:x	180	189	95	1.38	0.23	0.06
000383:200:x	200	207	104	1.50	0.23	0.06
000383:203:x	203	210	105	1.52	0.23	0.06
000383:250:x	250	256	128	1.64	0.15	0.03
000383:254:x	254	260	130	1.64	0.15	0.03
000383:300:x	300	310	155	1.78	0.14	0.03
000383:315:x	315	325	162	1.87	0.14	0.03
000383:350:x	350	360	180	2.44	0.12	0.03
000383:400:x	400	410	210	3.04	0.12	0.03

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