

MASTER-PUR LF FOOD A

Ref 000384

PU Suction & Transport Hose, super lightweight, food-grade quality acc. to EU 10/2011 and FDA,



Permanently antistatic

Antistatic

Microbe resistant

Hydrolysis resistant

Very flexible

Light

Moderately pressure resistant

-40 to +90 °C

CONSTRUCTION & MATERIALS

- Construction: film hose with embedded support coil
- Spiral Design: made from stainless steel wire
- Material of the spiral: stainless steel 1.4310 / spring steel
- Wall: made of pure material / made of specified material / addition of a non-migrating permanent antistatic agent / wall thickness between the spirals approx. 0.5 mm
- Wall material: polyether polyurethane
- Specifications of the wall: approved for direct food contact category E, according to EU Directive 1935/2004, 10/2011 and its latest amending Directives / surface resistance $R < 10^9$ Ohm, measured according to DIN EN ISO 8031 / material complies with food regulations FDA 21 CFR § 177.2600 and 21 CFR § 177.1680

PROPERTIES

- Specifications of the product: according to TRGS 727 and ATEX 2014/34 EU / manufacturing process according to GMP EC 2023/2006
- Chemical resistance: microbe-resistant / odourless and tasteless / good UV resistance / halogen-free / good resistance to chemicals / good ozone resistance / hydrolysis resistant / plasticiser-free
- Mechanical: compressible approx. 1:3
- Flexibility: very flexible
- Physical Properties: permanently antistatic
- Weight: light
- Pressure: moderately pressure resistant
- Colour: transparent

TEMPERATURE

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

APPLICATIONS & INDUSTRIES

- Applications: Agriculture / Bulk & Construction / Chemistry / Food & Pharma / Plastics

STANDARDS & COMPLIANCE

- EU 1935/2004, EU 10/2011, FDA 21 CFR § 177.2600, FDA 21 CFR § 177.1680, GMP EC 2023/2006

VARIANT SPECIFICATIONS

21 sizes · DN 40 to 400 mm

Article no.	DN (mm)	Outer Ø (mm)	Bend radius (mm)	Weight (kg/m)	Working press. (bar)	Vacuum (bar)
000384:40:x	40	46	20	0.28	0.82	0.24
000384:51:x	51	57	25	0.34	0.78	0.20
000384:60:x	60	68	35	0.35	0.76	0.19
000384:70:x	70	78	40	0.41	0.61	0.16
000384:76:x	76	83	43	0.53	0.61	0.13
000384:80:x	80	88	45	0.53	0.53	0.13
000384:90:x	90	99	50	0.60	0.46	0.09
000384:102:x	102	108	55	0.69	0.46	0.09
000384:110:x	110	119	60	0.73	0.38	0.09
000384:120:x	120	129	65	0.82	0.38	0.09
000384:127:x	127	134	70	0.85	0.38	0.09
000384:152:x	152	159	80	1.02	0.30	0.06
000384:160:x	160	169	85	1.23	0.30	0.06
000384:180:x	180	189	95	1.38	0.23	0.06
000384:203:x	203	210	105	1.52	0.23	0.06
000384:250:x	250	256	126	1.66	0.16	0.03
000384:254:x	254	260	130	1.65	0.15	0.03
000384:300:x	300	310	155	1.78	0.14	0.03
000384:315:x	315	325	162	1.87	0.14	0.03
000384:350:x	350	360	180	2.44	0.12	0.03
000384:400:x	400	410	210	3.04	0.12	0.03

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