

SUCTION AND TRANSPORT HOSE LIGHT/MEDIUM WEIGHT

Master-PUR L-F

Material

Hose wall: 100% pure polyester polyurethane, highly abrasion-resistant

Spiral: PU-coated spring steel wire

Applications

- Food industry
- Pharmaceutical industry
- Suction and transport hose for abrasive solids and gases
- Suction of paper and textile fibers
- Transport of small particle dusts and powders
- Oil-spray extraction
- Protection hose against mechanical pressure
- Transport hose for abrasive solids in fire risk areas
- Woodworking machines
- Exhaust equipment in wood-working industries
- Rear suction hoses on small machines, public utility cleansing and refuse collection vehicles
- Wet and dry process conveyance

Properties

- Antistatic, surface resistance $R_o < 10^9$ ohm
- Flame-resistant
- Hose wall (conforms to FDA food contact as described in book 21, section 177.2600 and 177.1680)
- Reinforced by spring steel spiral
- Good flexibility
- Small bend radius
- Lightweight
- High tensile and burst strength
- Highly abrasion-resistant
- Kink-resistant
- Oil/petroleum-proof
- Gas-tight
- Halogen/plasticizer-free
- Good UV/ozone resistance
- Smooth inside, for optimum flow characteristics
- Good chemical resistance

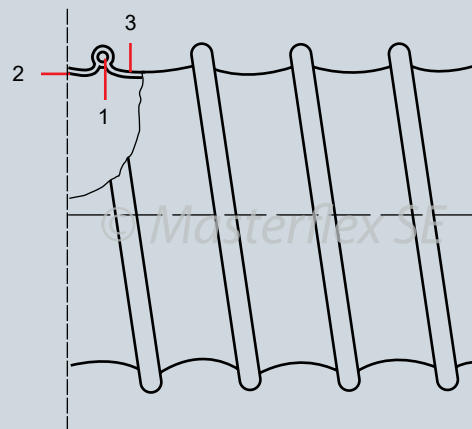


The PUR hose series combines the 3 most important features of a spiral hose into 1 product: antistatic + flame-resistant + food-grade.
A combination with unbeatable features!
-Dr. Les Spark



Construction

1. PU-coated spring steel spiral
2. Hose wall: polyester polyurethane
3. Wall thickness between spirals .0275"



Temperature Range

- -22°F to +195°F
- Intermittent to +260°F

Chem. Resistance

See resistance table

Master-PUR L-F

Dia (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Outer Dia (in.)	Weight (lbs./ft.)	Product Code
2.00	675	210	2.72	2.32	0.29	302-050-401
2.40	563	180	2.92	2.72	0.35	302-060-401
2.60	506	150	3.12	2.92	0.38	302-065-401
2.80	450	150	3.12	3.12	0.41	302-070-401
3.00	450	150	3.36	3.36	0.62	302-075-401
3.10	450	120	3.52	3.52	0.66	302-080-401
3.50	394	120	3.96	3.96	0.70	302-090-401
4.00	338	90	4.40	4.40	0.71	302-100-401
4.30	338	90	4.76	4.76	0.78	302-110-401
4.50	281	90	4.96	4.96	0.79	302-115-401
4.70	281	90	5.16	5.16	0.83	302-120-401
5.00	281	90	5.40	5.40	0.87	302-125-401
5.10	225	90	5.56	5.56	0.91	302-130-401
5.50	225	60	5.96	5.96	0.91	302-140-401
6.00	225	60	6.44	6.44	0.98	302-150-401
6.30	225	60	6.80	6.80	1.04	302-160-401
6.70	169	60	7.20	7.20	1.11	302-170-401
7.00	169	60	7.40	7.40	1.14	302-175-401
7.10	169	60	7.60	7.60	1.17	302-180-401
8.00	169	60	8.56	8.56	1.30	302-200-401
9.00	113	30	9.40	9.40	1.43	302-225-401
10.00	113	30	10.40	10.40	2.07	302-250-401
11.00	102	27	11.36	11.40	1.98	302-275-401
12.00	90	24	12.40	12.40	2.16	302-300-401
12.40	90	24	13.00	13.00	2.26	302-315-401
13.00	90	24	13.40	13.40	2.34	302-325-401
14.00	47	24	14.40	14.40	2.51	302-350-401
16.00	47	19	16.40	16.40	2.88	302-400-401

*Referring to the inner side of the elbow of hose.
 The above mentioned data refers to an average and ambient temperature of 68° F. Subject to technical changes and color variations.
 Please refer to technical data sheet when selecting hose.

Standard Production

- Diameter: 2" to 16"
- Color: transparent
- Standard lengths: 25'

Available on Request

- Special wire colors
- Special lengths up to 75'
- Electrically conductive
- Stainless steel helix
- Special diameters metric

Installation and connection possibilities



Master-Grip hose clamp, screwable



Hose clamp with worm-gear drive



Car-Grip hose clamp, screwable



Hose connector



Hose reducer, symmetrical

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