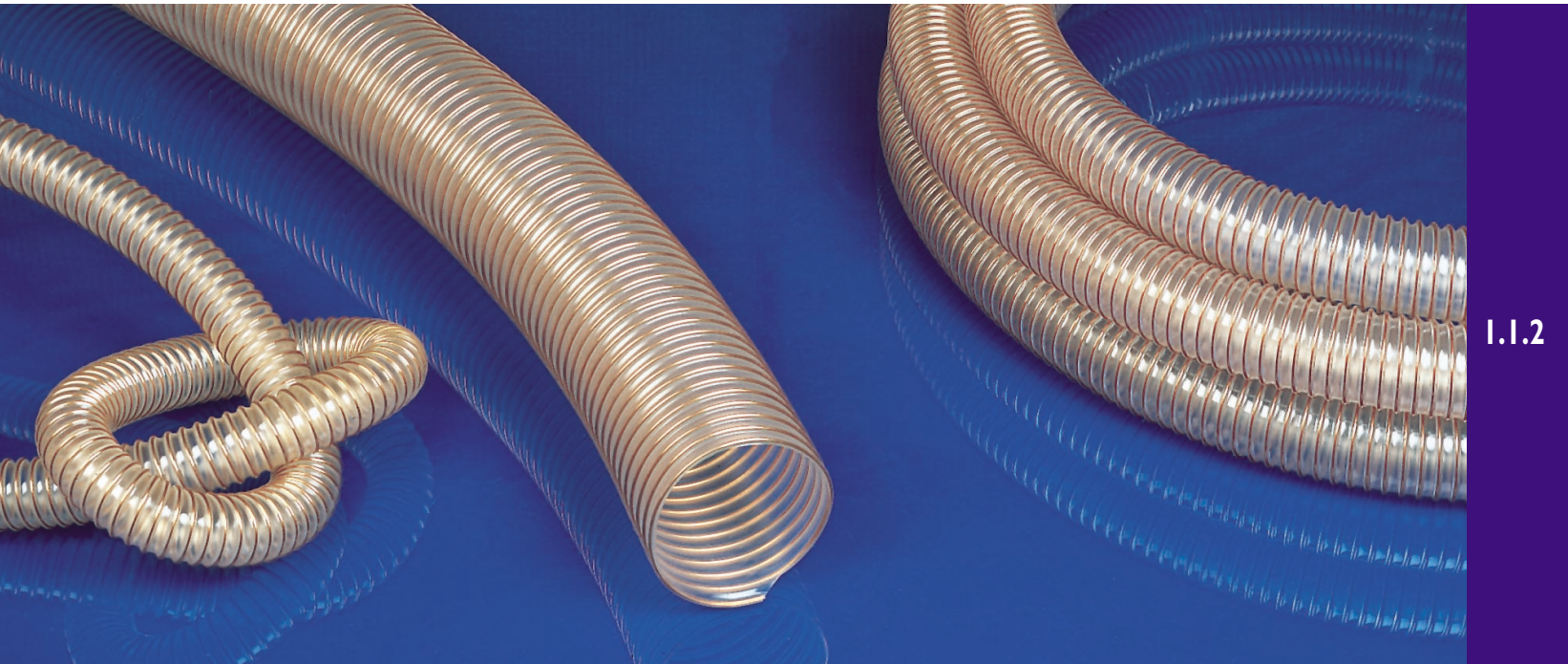


SUCTION AND TRANSPORT HOSE - LIGHTWEIGHT



I.1.2

MASTER-PUR L

Material

hose wall: 100 % pure polyester polyurethane. 30% more abrasion-resistant than polyether polyurethane
spiral: PU-coated spring steel wire

Properties

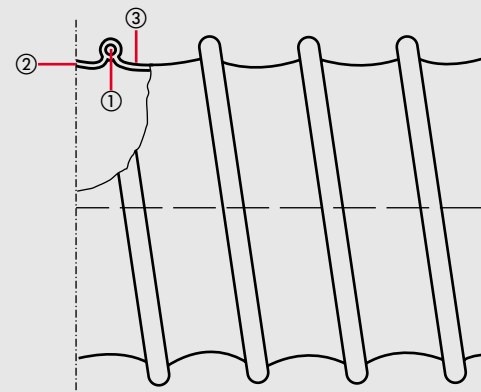
- highly abrasion-resistant
- resistant to oil and fuels
- gas-tight
- good chemical resistance
- free of plastizisers and halogens
- UV- and ozone-resistant
- lightweight
- extremely flexible
- small bend radius
- high tensile and burst strength
- smooth inside, for optimum flow characteristics
- electrically conductive by grounding spiral

Applications

- suction and transport hose for abrasive materials
- gaseous and liquid media
- suction of paper and textile fibers
- transport of small particled dusts and powders
- oil-spray extraction
- protection hose against mechanical pressure

Construction

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



Temperature Range

- -40 °F up to +195 °F
- intermittent to +260 °F

Chem. Resistance

see resistance table section no. 15

Technical Data, custom designs and forms of delivery see back page



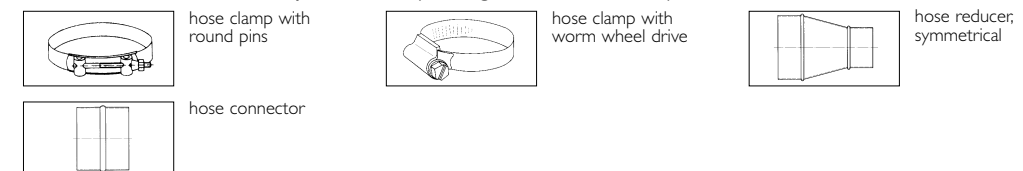
MASTER-PUR L

Dia (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Outer Dia (in.)	Weight (lbs./ft.)	Product code
2.0	675	210	2.32	2.32	0.23485	312-050-401
2.4	563	180	2.72	2.72	0.30866	312-060-401
2.6	506	150	2.92	2.92	0.32879	312-065-401
2.8	450	150	3.12	3.12	0.35563	312-070-401
3.0	450	120	3.36	3.36	0.39589	312-075-401
3.2	394	120	3.52	3.52	0.42273	312-080-401
3.6	338	90	3.96	3.96	0.46970	312-090-401
4.0	338	90	4.40	4.40	0.52338	312-100-401
4.4	281	90	4.76	4.76	0.57035	312-110-401
4.6	281	90	4.96	4.96	0.59719	312-115-401
4.8	281	90	5.16	5.16	0.62403	312-120-401
5.0	281	90	5.40	5.40	0.65087	312-125-401
5.2	225	90	5.56	5.56	0.67100	312-130-401
5.6	225	60	5.96	5.96	0.83204	312-140-401
6.0	225	60	6.44	6.44	0.88572	312-150-401
6.4	225	60	6.80	6.80	0.98637	312-160-401
6.8	169	60	7.20	7.20	0.99979	312-170-401
7.0	169	60	7.40	7.40	1.03334	312-175-401
7.2	169	60	7.60	7.60	1.06018	312-180-401
8.0	169	60	8.56	8.56	1.09373	312-200-401
9.0	113	30	9.40	9.40	1.22793	312-225-401
10.0	113	30	10.40	10.40	1.36213	312-250-401
11.0	113	30	11.36	11.36	1.49633	312-275-401
11.2	113	30	11.60	11.60	1.52317	312-280-401
12.0	100	27	12.40	12.40	1.63053	312-300-401
12.6	100	27	13.00	13.00	1.71105	312-315-401
13.0	100	27	13.40	13.40	1.76473	312-325-401
14.0	52	27	14.40	14.40	1.89893	312-350-401
16.0	52	21	16.40	16.40	2.16733	312-400-401

* 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.

Installation and connection possibilities (see register no. 11 and 12):



Delivery forms:

- Standard production:
- Dia. 2" - 16"
 - Color clear
 - Standard lengths 25'
- Available on request:
- with overprint
 - special colors
 - special lengths