

# SUCTION AND TRANSPORT HOSE LIGHT/MEDIUM WEIGHT

## Master-PUR H Trivolution

### Material

Hose wall: Pure polyester polyurethane, highly abrasion-resistant

Spiral: Spring steel wire

### Applications

- Suction & transport of coarse-grained media with high flow rate
- Suction & transport hose for abrasive solids, liquids and gases
- Standard hose for industrial vacuum cleaners
- Granulate transport hose
- Transport of chips/shavings
- Suction & transport of paper fibers
- Oil mist extraction/suction

### Properties

- Antistatic, surface resistance  $R_{\square} < 10^9$  ohm
- Flame-resistant
- acc. to TRBS 2153 (zone 20) for flammable dust/**bulk solids for conducting electrostatic charges when earthed at both ends of the spiral**
- Microbe-resistant
- Highly abrasion-resistant
- Oil/petroleum-proof
- Small bend radius
- High tensile strength
- Mediumweight
- Good flexibility
- Halogen/plasticizer-free
- Gas-tight
- Good chemical resistance
- High tensile strength
- Good UV/ozone resistance
- Increased pressure and vacuum resistance
- Smooth inner wall for optimum flow



### Construction

1. Spring steel spiral
2. Hose wall: pure polyester polyurethane
3. Wall thickness between spirals 1.4 mm



### Temperature Range

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

### Chem. Resistance

See resistance table



The PUR hose series combines the 3 most important features of a spiral hose into 1 product: antistatic + flame-resistant + microbe-resistant.

A combination with unbeatable features!

-Dr. Les Spark

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DN (mm)	Op. pressure c. bar	Vacuum c. bar	Bend radius c. mm*	Outer Ø c. mm	Weight c. kg/m	Article no.
25	4.16	0.92	47	33	0.29	111-025-401
38	3.12	0.82	69	47	0.46	111-038-401
50	2.9	0.82	87	61	0.71	111-050-401
75	2	0.59	126	87	1.06	111-075-401
100	1.5	0.44	165	112	1.48	111-100-401
150	1.05	0.26	242	163	2.29	111-150-401

\*Referring to the inner side of the elbow of hose.

The above mentioned data refers to an average and ambient temperature of 68o F. Subject to technical changes and color variations. Please refer to technical data sheet when selecting hose.

## Standard Production

- Diameter: 25 mm to 500 mm
- Color: transparent
- Standard lengths: 10m

## Available on Request

- Special lengths to 15m
- Special diameters available on request

## Installation and connection possibilities



Master-grip hose clamp, screwable



Master-grip quick-fix clamp



Hose connector



PU cuff, electro-conductive