

# SUCTION AND TRANSPORT HOSE MEDIUM WEIGHT

## Master-PUR H HT 250

### Material

Hose wall: polyurethane, high temperature PUR

Spiral: spring steel wire

### Applications

- Plastics processing
- Plant & mechanical engineering
- Print & paper manufacturing
- Granulate conveying hose, for conveying of warm granulate
- Suction and conveying hose for solid, liquid and gaseous media
- Transport of warm, fine-grained particles, such as dusts and powders
- Suction and transport hose for extremely abrasive solids, liquids and gaseous media at elevated operating temperatures
- Protective hose against mechanical stress
- Oil mist extraction

### Properties

- More temperature resistant than standard polyurethane
- Highly abrasion resistant
- Flexible
- Fluidically optimal
- According to TRGS 727 and ATEX 2014/34 EU details according to certification
- Good resistance to chemicals, oil and gasoline
- Antistatic, surface resistance  $R_o < 10^9$  ohm
- Tensile and tear resistant
- Mechanically highly resilient



### Construction

1. Spring steel spiral
2. Hose wall: polyester polyurethane
3. Wall thickness between spirals .055"



### Temperature Range

- -22°F to +250°F
- Intermittent to +300°F

### Chem. Resistance

See resistance table

# Master-PUR H HT 250

Dia (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Outer Dia (in.)	Weight (lbs./ft.)	Product Code
1.5"	1184	329	1.14	1.85	0.29	803-038-250
1.6"	1136	329	1.18	1.93	0.30	803-040-250
2"	1036	329	1.50	2.40	0.43	803-051-250
2.4"	956	297	1.89	2.76	0.56	803-060-250
2.5"	895	265	2.09	2.95	0.60	803-063-250
3"	755	237	2.80	3.43	0.71	803-076-250
3.2"	735	237	3.15	3.58	0.74	803-080-250
3.5"	594	209	3.66	3.98	0.82	803-090-250
4"	540	177	4.05	4.41	0.99	803-102-250
5"	454	124	4.84	5.43	1.24	803-127-250
6"	353	104	6.10	6.42	1.55	803-152-250
8"	253	72	9.06	8.35	1.90	803-203-250

\*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: 1.5" to 8"
- Color: transparent
- Standard lengths: 25'
- Contact factory for minimum order quantities

## Installation and connection possibilities



Hose clamp with worm-gear drive



Hose connector



Hose reducer, symmetrical

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