

# SUCTION AND TRANSPORT HOSE PHARMACEUTICAL AND FOOD GRADE

## Master-PUR HH-F-SS

### Material

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

Spiral: PU-coated 316 stainless steel wire

### Applications

- Food industry
- Pharmaceutical industry
- Suction and transport hose for abrasive materials and gaseous media
- Clean room applications
- Transport of abrasive dry food and powders
- Wet and dry process conveyance
- Stainless steel requirements

### 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)**
- Highly abrasion-resistant
- Gas-tight
- Good chemical resistance
- Halogen/plasticizer-free
- Improved pressure and vacuum characteristics
- High tensile and burst strength
- Smooth inside, for optimum flow characteristics
- Washable
- Adhesive-free



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

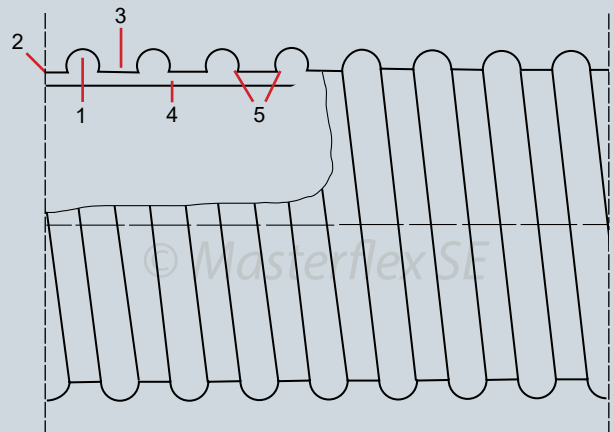
A combination with unbeatable features!

-Dr. Les Spark



### Construction

1. PU-coated 316 stainless steel spiral
2. Hose wall: polyester polyurethane
3. Wall thickness between spirals .078"
4. Inner hose wall smooth
5. Spirals close together



### Temperature Range

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

### Chem. Resistance

See resistance table

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Dia (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Outer Dia (in.)	Weight (lbs./ft.)	Product Code
2.00	1,600	380	05.00	2.48	0.71	304-050-588
2.40	1445	360	05.25	2.79	0.86	304-060-588
2.50	1,325	360	06.50	3.03	0.90	304-063-588
3.00	1,170	360	07.50	3.42	1.07	304-075-588
3.50	965	360	09.00	4.05	1.25	304-090-588
4.00	840	350	10.00	4.44	1.88	304-100-588
4.50	720	350	11.50	5.08	2.16	304-115-588
5.00	660	350	12.50	5.47	2.35	304-125-588
5.60	600	330	14.00	6.06	2.63	304-140-588
6.00	600	330	15.00	6.45	2.82	304-150-588

\*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 6"
- Color: transparent
- Standard lengths: 25'

## Available on Request

- Other diameters between 2" and 6" available - contact factory for details
- Special diameters metric

## Installation and connection possibilities



Hose clamp,  
bolt clamp

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Connecting Values

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