

# SUCTION AND TRANSPORT HOSE ULTRA HEAVYWEIGHT

## Master-PUR HH-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 materials
- Silo trucks and loading equipment
- Special construction for extremely abrasive bulk and solids
- Transport hose for difficult materials, such as sand, gravel, grain
- For highest demands of service-life and abrasion resistance
- 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  $R_{\circ} < 10^9$  ohm**
- **Flame-resistant**
- **Hose wall (conforms to FDA food contact as described in book 21, section 177.2600 and 177.1680)**
- Long service life
- High tensile and burst strength
- High vacuum and pressure rating
- Highly abrasion-resistant
- Heavyweight
- 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.

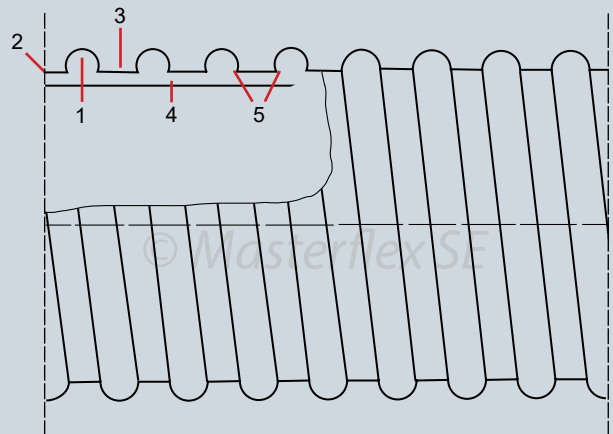
A combination with unbeatable features!

-Dr. Les Spark



### Construction

1. PU-coated spring steel spiral
2. Hose wall: polyester polyurethane
3. Wall thickness between spirals .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	00.57	304-050-401
2.40	1445	360	05.25	2.79	00.80	304-060-401
2.50	1,325	360	06.50	3.03	00.87	304-063-401
3.00	1,170	360	07.50	3.42	01.13	304-075-401
3.50	965	360	09.00	4.05	01.34	304-090-401
4.00	840	350	10.00	4.44	01.48	304-100-401
4.50	720	350	11.50	5.08	01.73	304-115-401
5.00	660	350	12.50	5.47	01.91	304-125-401
5.60	600	330	14.00	6.06	02.15	304-140-401
6.00	600	330	15.00	6.45	02.42	304-150-401

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

## Available on Request

- Other diameters between 2" and 6" available - contact factory for details
- Hydrolysis-proof
- Electrically conductive
- Stainless steel helix
- Special diameters metric

## Installation and connection possibilities



Hose clamp,  
bolt clamp



Car-Grip hose  
clamp, screwable

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