

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.

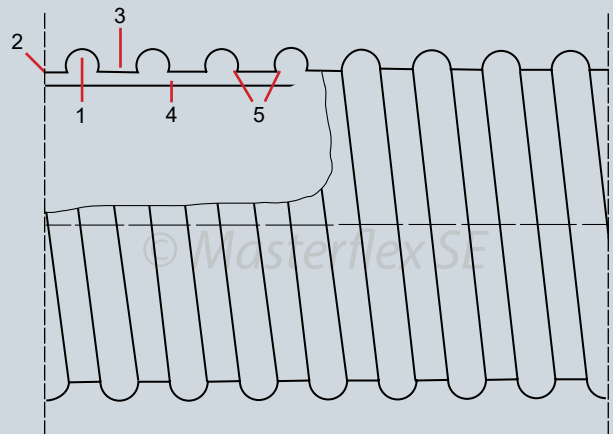
A combination with unbeatable features!

-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

Master-PUR HH-F

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	304-050-401
2.40	1445	360	05.25	2.79	0.86	304-060-401
2.50	1,325	360	06.50	3.03	0.90	304-063-401
3.00	1,170	360	07.50	3.42	1.07	304-075-401
3.20	1,088	360	08.10	3.73	1.14	304-080-401
3.50	965	360	09.00	4.05	1.25	304-090-401
4.00	840	350	10.00	4.44	1.88	304-100-401
4.50	720	350	11.50	5.08	2.16	304-115-401
5.00	660	350	12.50	5.47	2.35	304-125-401
5.60	600	330	14.00	6.06	2.63	304-140-401
6.00	600	330	15.00	6.45	2.82	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

Masterduct, Inc.
5235 Ted Street
Houston, TX 77040 USA
Tel. +1 713 462-5779
Tel. +1 800 318-3300
Fax +1 713 939-8441
www.Masterduct.com

 **MASTERDUCT**
Connecting Values

080723 Master PUR HH F