

SUCTION AND TRANSPORT HOSE ULTRA HEAVYWEIGHT

Master-PUR HH-X

Material

Hose wall: 100% pure polyester polyurethane,
highly abrasion-resistant
Spiral: Spring steel wire

Applications

- Food industry
- Pharmaceutical industry
- Suction and transport hose for abrasive solids and gases
- Suction of paper and textile fibers
- Transport of large amounts of abrasive media
- 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)**
- **New extruded construction for smoother hose wall and optimum flow**
- Flexible
- Small bend radius
- Heavyweight
- High tensile and burst strength
- Highly abrasion-resistant
- Kink-resistant
- Oil/petroleum-proof
- Solvent-resistant
- Gas-tight
- Halogen/plasticizer-free
- Good UV/ozone resistance
- Improved pressure and vacuum 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. Spring steel spiral
2. Hose wall: polyester polyurethane
3. Wall thickness between spirals .078"



Temperature Range

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

Chem. Resistance

See resistance table

Master-PUR HH-X

Dia (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending Radius (in.)	Outer Dia (in.)	Weight (lbs./ft.)	Product Code
1.25	1949	377	3.14	1.65	0.44	804-032-401
1.52	1764	377	3.74	1.88	0.52	804-038-401
1.60	1715	377	3.93	1.96	0.56	804-040-401
2.00	1607	377	4.92	2.40	0.70	804-051-401
2.40	1446	357	5.90	2.75	0.81	804-060-401
3.00	1173	357	7.48	3.42	1.00	804-076-401
3.20	1113	357	7.87	3.66	1.30	804-080-401
4.00	843	349	9.84	4.52	1.75	804-102-401

*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: 1.25" to 4"
- Color: transparent
- Standard lengths: 25'

Available on Request

- Special lengths up to 75'
- Custom/metric diameters
- Master-PUR HH-X-SS
- Minimum order quantities required

Installation and connection possibilities



Hose clamp with worm-gear drive



Car-Grip hose clamp, screwable

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
www.MasterflexGroup.com

 **MASTERDUCT**
 Connecting Values