

# SUCTION AND TRANSPORT HOSE LIGHT/MEDIUM WEIGHT

## Master-TPR PLUS

### Material

Hose wall: thermoplastic elastomer fabric reinforced

Spiral: spring steel wire

### Applications

- Dust collection on woodworking equipment
- Fume extraction/welding arm
- Drying/plastics equipment
- Air-conditioning/ventilation systems
- Light material handling
- Drain
- Robotic arm covers
- General purpose applications

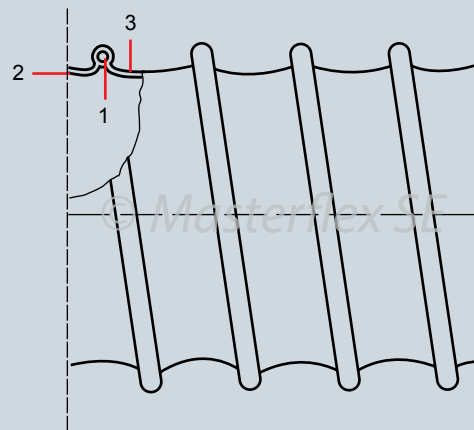
### Properties

- Good chemical resistance to alkalis, acids and solvent gases
- Gas-tight
- Halogen/plasticizer-free
- Good UV/ozone resistance
- Extremely flexible
- Small bend radius
- Lightweight
- Smooth inside for optimum flow characteristics
- Electrically conductive by grounding spiral
- Good tear resistance
- Special wire colors available



### Construction

1. Coated spring steel spiral
2. Hose wall: thermoplastic elastomer fabric reinforced
3. Wall thickness between spirals .02"



### Temperature Range\*

- -60°F to +275°F
- Intermittent to +300°F

### Chem. Resistance

See resistance table

\*Hoses used for vehicle exhaust extraction, or operating near maximum temperature, must be used within a properly designed fan system to avoid damaging the hose.

# Master-TPR PLUS

Dia (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Outer Dia (in.)	Weight (lbs./ft.)	Product Code
2.0	883	317	2.0	2.4	0.75	363-050-107
2.5	602	273	2.5	2.8	0.97	363-063-107
3.0	482	237	3.0	3.3	1.26	363-075-107
3.5	401	189	3.5	3.9	1.56	363-090-107
4.0	361	157	4.0	4.3	1.34	363-100-107
4.5	321	145	4.5	4.9	1.57	363-115-107
5.0	321	137	5.0	5.2	1.65	363-125-107
6.0	241	116	6.0	6.3	2.05	363-150-107
7.0	201	100	7.0	7.3	2.43	363-175-107
8.0	201	80	8.0	8.3	3.66	363-200-107
9.0	161	72	9.0	9.3	4.14	363-225-107
10.0	161	64	10.0	10.2	3.88	363-250-107
11.0	120	56	11.0	11.3	4.32	363-275-107
12.0	120	48	12.0	12.3	6.06	363-300-107
14.0	80	32	14.0	14.3	7.03	363-350-107
16.0	80	20	16.0	16.3	8.05	363-400-107

\*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 16"
- Color: black
- Standard lengths: 25'

## Available on Request

- Special wire colors
- Special lengths up to 50'
- Special diameters metric

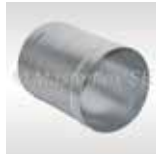
## Installation and connection possibilities



Master-Grip hose clamp, screwable



Hose clamp with worm-gear drive



Hose connector



Hose reducer, symmetrical

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