

# SUCTION AND TRANSPORT HOSE LIGHT/MEDIUM WEIGHT

## Master-PUR Inline

### Material

Hose wall: pure polyurethane with an application-optimized polyurethane 60° Shore A inner lining  
Spiral: spring steel wire

### Applications

- Special hose for transport of extremely abrasive media
- Transport hose for problematic media, e.g. sand, gravel, grain, granules
- Everywhere where easy-to-clean surfaces are required
- Transport hose for feeding and cleaning of glass works, mineral processing plants, steelworks, quarries, shipyards and docks, cement works, flat roof graveling
- Other conveyor and loading plants

### Properties

- **Antistatic, surface resistance  $R_{\circ} < 10^9$  ohm**
- **Extremely abrasion resistant, extra strong PU Inline**
- **Completely smooth internal lining, therefore ideal flow characteristics**
- **Microbe-resistant**
- Flexible
- Excellent vacuum-resistance and good pressure-resistance
- Halogen free
- Good resistance to chemicals, oil and fuel
- High tensile strength
- Generally good UV and ozone resistance



### Construction

1. Spring steel wire helix
2. Hose wall: pure polyurethane with an application-optimized polyurethane 60° Shore A inner lining
3. Wall thickness between spirals: 5.5 mm

### Temperature Range

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

### Chem. Resistance

See resistance table

# Master-PUR Inline

Dia (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending Radius (in.)	Outer Dia (in.)	Weight (lbs./ft.)	Product Code
1.52	1,867	377.4	5.91	2.20	1.16	119-038-104
1.60	1,807	377.4	6.30	2.28	1.20	119-040-104
1.97	1,670	377.4	7.72	2.72	1.11	119-050-104
2.00	1,656	377.4	7.87	2.76	1.10	119-051-104
2.60	1,566	377.4	11.81	3.35	1.36	119-065-104
2.95	1,505	377.4	15.35	3.78	2.22	119-075-104
3.00	1,505	377.4	15.75	3.82	2.31	119-076-104
3.20	1,355	377.4	16.14	3.90	1.81	119-080-104
3.94	1,216	377.4	16.85	4.72	2.85	119-100-104
4.00	1,204	377.4	16.93	4.80	2.95	119-102-104
4.53	1,044	377.4	17.32	5.35	3.29	119-115-104
4.92	983.6	377.4	17.64	5.75	3.74	119-125-104
5.00	963.5	377.4	17.72	5.83	3.82	119-127-104
5.91	782.9	377.4	23.62	6.89	4.91	119-150-104
6.00	782.9	377.4	23.62	6.89	4.91	119-152-104
6.89	722.6	309.1	27.56	7.80	5.03	119-175-104
7.09	662.4	301.1	27.56	7.95	5.16	119-180-104
7.87	542	269	31.50	8.78	6.73	119-200-104
8.00	542	269	31.50	8.94	6.85	119-203-104
9.84	381.4	200.7	39.37	10.67	8.11	119-250-104
10.00	381.4	200.7	39.37	10.83	8.13	119-254-104

## Standard Production

- Diameter: 1.50" to 10"
- Color: transparent
- Standard lengths: 33'

## Available on Request

- Special diameters metric

\*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.

## Installation and connection possibilities



Combiflex PU Threaded Socked, pre-fixed



Hose clamp with worm-gear drive



Combiflex PU fixed-flange, Inline



Combiflex PU Swivel Flange for Master-PUR Inline

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