

SUCTION AND TRANSPORT HOSE PHARMACEUTICAL AND FOOD GRADE

Master-PUR SL-F-SS

Material

Hose wall: 100% pure polyester polyurethane, highly abrasion-resistant

Spiral: PU-coated 316 stainless steel wire

Applications

- Food industry
- Pharmaceutical industry
- Suction and transport hose for abrasive materials and gaseous media
- Clean room applications
- Transport of small particle dusts and powders
- Wet and dry process conveyance
- Stainless steel requirements

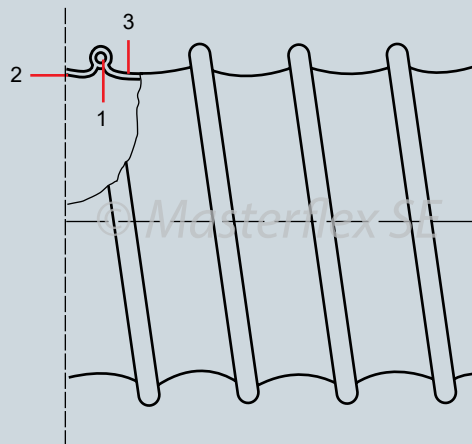
Properties

- 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)
- Highly abrasion-resistant
- Gas-tight
- Good chemical resistance
- Halogen/plasticizer-free
- Very flexible
- Compressible down to 20%
- Super lightweight
- Improved pressure and vacuum characteristics
- High tensile and burst strength
- Smooth inside, for optimum flow characteristics
- Washable
- Adhesive-free



Construction

1. PU-coated 316 stainless steel spiral
2. Hose wall: polyester polyurethane
3. Wall thickness between spirals .020"



Temperature Range

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

Chem. Resistance

See resistance table



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

Master-PUR SL-F-SS

| Dia (in.) | Positive (in. w.c.) | Negative (in. w.c.) | *Bending radius (in.) | Outer Dia (in.) | Weight (lbs./ft.) | Product Code |
|-----------|---------------------|---------------------|-----------------------|-----------------|-------------------|--------------|
| 2.00 | 366 | 82 | 2.00 | 2.30 | 0.25 | 301-050-588 |
| 2.40 | 305 | 76 | 2.72 | 2.72 | 0.27 | 301-060-588 |
| 2.52 | 289 | 70 | 2.84 | 2.84 | 0.29 | 301-063-588 |
| 2.60 | 273 | 64 | 2.92 | 2.92 | 0.29 | 301-065-588 |
| 2.80 | 245 | 64 | 3.12 | 3.12 | 0.35 | 301-070-588 |
| 3.00 | 245 | 52 | 3.32 | 3.32 | 0.47 | 301-075-588 |
| 3.20 | 213 | 52 | 3.52 | 3.52 | 0.49 | 301-080-588 |
| 3.50 | 185 | 38 | 3.96 | 3.96 | 0.56 | 301-090-588 |
| 4.00 | 185 | 38 | 4.32 | 4.32 | 0.62 | 301-100-588 |
| 4.40 | 153 | 38 | 4.76 | 4.76 | 0.69 | 301-110-588 |
| 4.50 | 153 | 38 | 4.96 | 4.96 | 0.72 | 301-115-588 |
| 4.80 | 153 | 38 | 5.16 | 5.16 | 0.75 | 301-120-588 |
| 5.00 | 153 | 38 | 5.36 | 5.36 | 0.77 | 301-125-588 |
| 5.20 | 121 | 38 | 5.56 | 5.56 | 0.80 | 301-130-588 |
| 5.60 | 121 | 26 | 5.96 | 5.96 | 0.86 | 301-140-588 |
| 6.00 | 121 | 26 | 6.36 | 6.36 | 0.93 | 301-150-588 |
| 6.40 | 121 | 26 | 6.76 | 6.76 | 0.99 | 301-160-588 |
| 6.80 | 92 | 26 | 7.16 | 7.16 | 1.20 | 301-170-588 |
| 7.00 | 92 | 26 | 7.36 | 7.36 | 1.23 | 301-175-588 |
| 7.20 | 92 | 26 | 7.56 | 7.56 | 1.26 | 301-180-588 |
| 8.00 | 92 | 26 | 8.40 | 8.40 | 1.40 | 301-200-588 |
| 9.00 | 60 | 12 | 9.40 | 9.40 | 1.58 | 301-225-588 |
| 10.00 | 60 | 12 | 10.40 | 10.40 | 1.86 | 301-250-588 |
| 11.00 | 54 | 11 | 11.40 | 11.40 | 1.75 | 301-275-588 |
| 12.00 | 50 | 10 | 12.40 | 12.40 | 1.91 | 301-300-588 |
| 14.00 | 43 | 7 | 14.40 | 14.40 | 2.21 | 301-350-588 |
| 16.00 | 36 | 5 | 16.40 | 16.40 | 2.54 | 301-400-588 |

*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: transparent
- Standard lengths: 25'

Available on Request

- Special lengths up to 50'
- Special diameters metric

Installation and connection possibilities



Master-Grip hose clamp, screwable



Hose clamp with worm-gear drive



Car-Grip hose clamp, screwable



Hose connector



Hose reducer, symmetrical

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