

Pressureflex HP[®] Hose

STRESS-LITE™ CORRUGATED METAL HOSE

Hose Master's high-pressure, annular corrugated metal hose. Pressureflex HP[®] is made from heavy-wall stainless steel, and offers flexibility and dependability when higher pressures are a factor.



Materials:

T321 Stainless Steel
T316L Stainless Steel

Braids:

Unbraided
T304 Single Braid
T304 Double Braid
T316 Single Braid
T316 Double Braid
T321 Single Braid
T321 Double Braid

Features:

- Pressureflex HP[®] comes in 1/4" to 6" Inside Diameters**
- Available unbraided, or with single or double braids of T304, T316 or T321
- Working Pressures range from 23 to 4000 psi
- Static minimum bend radius* ranges from 1" to 14.8"
- Weight ranges from 0.08 to 6.44 lbs. per foot

**The minimum bend radius is measured from the center-line of the hose*

*** 5 inch and 6 inch diameters are supplied with braided braid.*

1/4 to 3/4" ID hose is only available in 316L material.

The working pressure decreases with temperature

For rapid pressure fluctuations consult JGB

What is STRESS-LITE™?

One of the primary objectives in manufacturing corrugated metal hose is forming corrugations on a steel tube while adding the least amount of residual stress. Through innovative design and in-house, custom-built production equipment, Hose Master has accomplished this with Stress-Lite™ processes (Hydroforming and Crimpforming)

Most other forming methods are rough, adding excessive residual stress which only shortens the service life of the product. In addition, many of them also twist the tube while forming, creating damaging torsional stress leading to premature fatigue and failure. Our proprietary gentle forming technologies do not add these excessive stresses.

Stress-Lite™ annular hose processes synchronize non-torsional radial forming with simultaneous bi-directional axial tube feed.



Liverpool Location ISO 9001:2015 Certified QMS by Intertek

Click for directions:

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Liverpool, NY 13088
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Great Lakes Region
Cheektowaga, NY 14225
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