

FormaFlex™ Hose

STRESS-LITE™ CORRUGATED METAL HOSE

Formaflex™ has the “stay-put” characteristics required for stress-free connections between piping systems and rotary joints or other similar static applications.



Materials:

- T321 Stainless Steel
- T316L Stainless Steel

Braids:

- Unbraided
- T304 Single Braid
- T304 Double Braid

Features:

- Formaflex™ comes in 1/4” to 2” Inside Diameters
- Working Pressures range from 14 to 900 psi
- Static minimum bend radius* ranges from 1.0” to 5.1”
- Weight ranges from 0.04 to 0.90 lbs. per foot

* The minimum bend radius is measured from the centerline of the hose

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:

New England Region
Liverpool, NY 13088
(315) 451-2770

Great Lakes Region
Cheektowaga, NY 14225
(716) 684-8224

Mid-Atlantic Region
Charlotte, NC 28273
(704) 588-9920

Midwest Region
St. Louis, MO 63111
(314) 256-0833

Gulf Coast Region
Pasadena, TX 77503
(281) 930-7777

Download the JGB® Mobile App



Connect with us:



www.jgbhose.com