

Chemking® Hose

STRESS-LITE™ CORRUGATED METAL HOSE

Hose Master's chemical transfer hose. Chemking™ offers excellent corrosion resistance to many of the most severe applications found in chemical processing.

- Braids:**
- Unbraided
 - T316 Single Braid
 - T316 Double Braid
 - C276 Single Braid
 - C276 Double Braid

Features:

- Chemking® comes in 1/2" to 6" Inside Diameters*
- Available unbraided, or with single or double braids of T316 or C276
- Working Pressures range from 11 to 1779 psi
- Static minimum bend radius* ranges from 1.5" to 14.8"
- Weight ranges from 0.11 to 6.19 lbs. per foot
- * 4, 5, and 6 in. diameters: consult JGB for delivery
- The minimum bend radius is measured from the centerline of the hose
- The working pressure decreases with temperature
- For rapid pressure fluctuations consult the JGB
- Braid is T316 stainless steel. Monel braid is available upon request. When Monel braid is used, stated pressure ratings need to be reduced by 0.75. Part numbers for Monel braid are AF6780 (single braid), and AF6788 (double braid)



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

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www.jgbhose.com