

Masterflex™ Hose

STRESS-LITE™ CORRUGATED METAL HOSE

Masterflex™ is Hose Master's close pitch metal hose. It is manufactured using the same high quality process used to make Annuflex™ hose, but the number of corrugations per foot is increased to allow for greater flexibility.



Materials:

T321 Stainless Steel
T316L Stainless Steel
T304L Stainless Steel

Braids:

Unbraided
T304 Single Braid
T304L Double Braid
*T316 Braid available upon request.

Features:

- Annuflex comes in 1/4" to 6" Inside Diameters
- Available unbraided, or with one or two braids (8 through 30" diameters are supplied with braided braid)
- Working Pressures range from 11 to 2700 psi
- Static minimum bend radius* ranges from 0.9" to 11.6"
- Weight ranges from 0.07 to 8.22 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

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