

ChlorSafe™ Hose

STRESS-LITE™ CORRUGATED METAL HOSE

Hose Master's 276 alloy, corrugated chlorine-transfer assembly, designed to meet the demands of this application. With considerations made for both wet and dry chlorine, these assemblies are the safest available.

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

Features:

- Hose Master's proprietary manufacturing process reduces residual stress and produces the most flexible chlorine transfer hose available
- ChlorSafe's™ all metal construction makes it fire resistant
- Proprietary welding techniques provide a smooth transition from hose to fitting with no gaps or crevices to entrap contaminants
- All welds are argon-purged to eliminate oxidation
- The minimum bend radius is measured from the center-line of the hose
- Per Chlorine Institute specifications, pressure ratings represent a 5:1 safety factor
- For pressures in excess of Chlorine Institute standards, please consult JGB

Specifications:

- All wetted surfaces and the braid are made from UNS N10276 (referred to as either C276 or 276 alloy) which has the highest chemical resistance rating for both dry and wet chlorine
- Every assembly is helium mass spectrometer leak tested to at least 5.0 x 10⁻⁶ std cc/sec.
- Each assembly is covered by a stainless steel interlocked metal hose for maximum durability
- All assemblies strength tested to twice maximum allowable working pressure

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.



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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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