# LCH Series

## Liquid Cylinder Hose

### Materials of Construction

<table>
<thead>
<tr>
<th>Fittings</th>
<th>All Stainless Steel (Welded)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hose and Braid</td>
<td>T321 Stainless Steel</td>
</tr>
<tr>
<td>Ends</td>
<td>T304L Stainless Steel, Machined Flares and Nuts</td>
</tr>
<tr>
<td>Armor</td>
<td>T304L Stainless Steel</td>
</tr>
</tbody>
</table>

### Technical Specifications

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</tr>
</thead>
<tbody>
<tr>
<td>1/2&quot;</td>
<td>0.79&quot;</td>
<td>0.94&quot;</td>
<td>1</td>
<td>1160 PSIG</td>
<td>4.9&quot;</td>
<td>0.25 Lbs</td>
<td>0.65 Lbs</td>
<td>-325 °F</td>
</tr>
</tbody>
</table>

¹ Not Good For: Liquid Helium or Liquid Hydrogen

### Ordering Information

**Fluid**
- Inscribe: Liquid Argon (CGA 295)
- Inscribe: Liquid Nitrogen (CGA 295)
- Inscribe: Liquid Oxygen (CGA 440)

**Hose Size (I.D.)**
- Inscribe: 3/8" 3/8"
- Inscribe: 1/2" 1/2"
- Inscribe: 3/4" 3/4"

**Inlet Fitting Flare**
- Inscribe: Swivel Nut Flare (FSN)
- Inscribe: Male Adapter (FMA)
- Inscribe: NPT Female (FNPT)
- Inscribe: NPT Male (MNPT)

**Outlet Fitting**
- Inscribe: Flare Swivel Nut (FSN)
- Inscribe: Female Adapter (FMA)
- Inscribe: NPT Female (FNPT)
- Inscribe: NPT Male (MNPT)

**Options**
- Inscribe: Armor Guard (AG)
- Inscribe: Cleaned for Oxygen Service (CFOS)

**Overall Length**
- Inscribe: In Inches

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**Description of CGA Connections**
CGA 295 = 1/2" SAE Flare (0.750-16UNF-2A-RH-EXT)
CGA 440 = 5/8" SAE Flare (0.875-14UNF-2A-RH-EXT)