



**TECHNICAL DATA SHEET**

**LV-1 Autoclave Hose**

**DESCRIPTION:**

**LV-1 Auto Clave Hose** is a total redesign of the LS Series autoclave hose. Like the LS series, it is a high temperature, two-ply silicone rubber hose with a stainless steel inner liner and threaded brass fittings. The two-ply silicone outer jacket provides a soft, highly flexible vacuum tube with no sharp edges or protrusions that could puncture vacuum bags. The steel inner liner prevents hose collapse under autoclave pressures and resists damage caused by shop handling and use.

**LV-1 Autoclave Hose** fittings were designed for use in autoclaves to relieve stress at the ferrule interface, to improve the rubber to fitting seal and to extend service life. Large wrench flat areas for quick and easy attachment to quick connects have also been added on the LV series fittings. The silicone rubber compound is produced using a proprietary manufacturing/extrusion process resulting in a more homogenous jacket

**TECHNICAL DATA:**

	<b>Typical Values</b>
Maximum Tested Use Temperature, °F:	500
Autoclave Pressure Rating, psi:	500
Hose I.D., in.:	<sup>3</sup> / <sub>8</sub>
Minimum Bend Radius, in.:	6
Standard Fittings, in.. NPT	1/4
Color:	Gray

**AVAILABILITY:**

**LV-1- 1/4" Male NPT x 1/4" Male NPT**  
Lengths available to 50'  
Other Fittings available upon request

Technical information furnished is based on laboratory findings and is believed to be correct. No warranties of any kind are made except that the materials are of standard quality. All risk and liabilities arising from handling, storage and use of product, as well as compliance with applicable legal restrictions rest with the buyer. Nothing herein is to be taken as permission, inducement or recommendation to practice any patented invention without a license.