

Maximum Pressure chart for 1/8" and 1/4" stainless steel tubing - Tech Information

1/8" x 2 mm 24000 psi

1/8" x 1/16" 58800 psi

1/4" x 4.6 mm 21000 psi

ID in mm	1	0.75	0.5	0.25	0.18	0.13
Pressure psi	28400	37500	56800	113600	150000	195000

In the past, seamless tubing was the standard choice, offering better tolerances and the absence of welds. However, some manufacturers have transitioned to a new process involving TIG welding and annealing. This shift was driven by several key benefits:

- Enhanced economic efficiency through optimized production methods
- Improved geometric precision for superior product quality
- Greater adaptability to meet the needs of diverse industries, including automotive, oil and gas, and medical technology

We offer a diverse range of high-pressure stainless steel tubing, available in various internal and external diameters, lengths, and colors, designed for HPLC applications and tested for concentricity. Click [HERE](#) for ordering information and more details.

MicroSolv Technology Corp provides a wide selection of tubing options, including various materials, sizes, and specifications, tailored for laboratory and analytical applications. Please visit this site for more information: [Tubing - Laboratory Grade - MICROSOLV Technology Corporation](#)