Sync-Lok instrumentation tube fittings provide a leak-proof seal which will withstand high pressure, impulse, vibration & tempature. These features offer the highest safety and maintenance-free operation. Each component of our tube fittings is precision machined to the highest tolerances, while maintaining TQM practices throughout the manufacturing process.

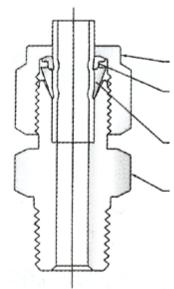
Our engineers can design and produce any product against supplied specifications. Our Q.A. department continues to monitor and update the quality in accordance with ISO 9001 and CE marking requirements. Complete traceability records are available upon request.

Tube fittings are available in 316SS as standard. Also available in Brass, Carbon Steel, Monel, Duplex and many others.

All pipe threads meet the requirement of ASME/ANSI B1.20.1 for tapered pipe threads (NPT) Working pressure meets the requirements of Power Piping Code ANSI B31.1 and section VII of AMSE Boiler & Pressure Vessel Code.

Straight fittings are machined from bar stock and shaped bodies and machined from forging

Functions



Compression Nut Threads are silver plated to prevent galling.

The back Ferrule locks onto the tube forming a seal which absorbs pressure pulses and vibration.

The Front Ferrule is the primary seal which ensures a bubble tight, zero leak seal between the tube and the fitting body.

Rugged body construction. High pressure machined surface provides maximum trouble-free service in severe working conditions.

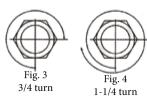
Assembly Instructions



1. Insert the tubing into the Sync-Lok tube fitting until it comes to the tube stop



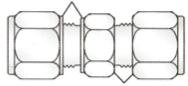
2. Ensure that the nut is finger tight.



- 3. Fitting sizes of 1/8" and 3/16" only require 3/4 turn tightening as shown in fig.3
- 4. Fitting sizes of 1/4'' 1'' (6mm 25mm) require 1-1/4 turn tightening as shown in fig.4

Identification of Sync-Lok Tube Fittings





Sync-Lok metric size tube fittings have an extra step on the body shoulder and the nut to distinguish from fractional sizes

Fractional Tube End