



Tube Fittings

Tube fittings are essential components designed for leak-tight connections in a wide range of industrial and instrumentation applications. Manufactured from high-quality materials such as stainless steel (SS316, SS304), brass, and alloy steel, these fittings ensure durability, corrosion resistance, and reliable performance in demanding environments.

Features

- **Pressure Class:** Tube fittings are capable of handling pressure ratings up to 6,000 PSI, with some designs suitable for ultra-high-pressure applications reaching 10,000 PSI.
- **Temperature Range:** Engineered to operate in a wide temperature range, from -196°C (-321°F) to 648°C (1200°F), depending on material and seal type.
- **Connection Types:** Available in a variety of connection styles, including compression fittings, double ferrule fittings, flare fittings, and threaded connections such as NPT, BSPT, and SAE.
- **Sizes:** Offered in a range of sizes, typically from 1/16 inch to 2 inches, to accommodate different tubing and piping systems.
- **Applications:** Ideal for use in instrumentation lines, gas distribution systems, hydraulic systems, chemical processing, and oil and gas industries.

Tube fittings are designed for ease of installation, ensuring a secure and leak-proof connection without the need for welding. Their robust construction and compatibility with high-pressure and high-temperature environments make them a trusted solution for critical operations in industrial processes.