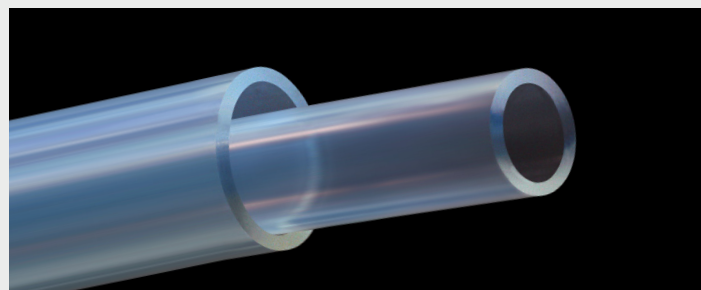


Double Containment Tubing

Pure and Safe Extrusions for Fluid Handling



Double Containment tubing is made from FEP and High Purity PFA.

Overview

Zeus Double Containment tubing exceeds the stringent requirements of the SEMI F57 specification. The inner tube of High Purity PFA is for primary containment of harsh chemicals. The secondary tube, extruded from FEP, is translucent, which permits effortless examination of the inner tube.

In the semiconductor and critical fluid industries, Double Containment tubing is used for fluid handling applications that require an extremely low level of chemical extractables and a high continuous service temperature. Moreover, Double Containment tubing offers enhanced safety because the secondary tube works as a safeguard against possible leaks that might occur during the chemical delivery process. The “tube-in-tube” design does not introduce contaminants during the installation process, and long continuous lengths can be maintained without welding or heat bending processes.



COEFFICIENT OF FRICTION



GAS PERMEABILITY



CHEMICAL RESISTANCE

Applications

- Semiconductor manufacturing
- Critical fluid management

Capabilities and Sizing

- End capped
- Clean room packaged
- Private labeled
- Custom laser marked
- Special packaging options
- SEMI F57 certified

Key Properties

- Excellent surface smoothness
- Low gas permeability
- Chemically resistant to all common solvents
- Superior high purity properties
- Protects against ionic contamination
- Ultra-low metallic and organic extractables
- High continuous service temperature

