

Sani-Tech® S.I.B.® Molded Assemblies

Smooth Inner Bore Hose & Tubing Assemblies



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Sani-Tech® molded silicone assemblies are constructed of a biopharmaceutical platinum-cured silicone, which utilizes our unique S.I.B.® (Smooth Inner Bore) technology. Sani-Tech® molded components allow for the fabrication of tube and hose assemblies with a smooth virtual crevice-free interior surface that extends over the sealing face.

The entire assembly has one internal diameter that eliminates bacterial traps and assures maximum flow rates with minimal pressure drops. This assembly system is supplied with a custom built-in male sanitary gasket (female groove also available), eliminating the need for an independent gasket and potential alignment problems. Molded assemblies can be supplied with either stainless steel or polysulfone back-up support cups.

BIOPHARMACEUTICAL PRODUCTS

Ultra-Pure Platinum-Cured, Custom Molded Silicone Assemblies

Features/Benefits

- **Crevice-free interior surface that extends over the sealing face**
- **Eliminates entrapment, leak points and pulsation, assembly time, and fitting connections**
- **Autoclavable and sterilizable**
- **Imparts no taste or odors**
- **Can be supplied with tubing or braided hose for high-pressure applications**
- **Custom striping and identification capabilities**
- **Meets USP Class VI, European Pharmacopoeia 3.1.9, and FDA criteria**

Typical Applications

- **Sterile filling and production**
- **Filtration and fermentation**
- **Drug delivery and discovery systems**
- **Media dispensing**
- **Bioreactor process lines**

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321 Irving Drive
Oxnard, CA 93030
(800) 726-4835
www.sani-techwest.com