

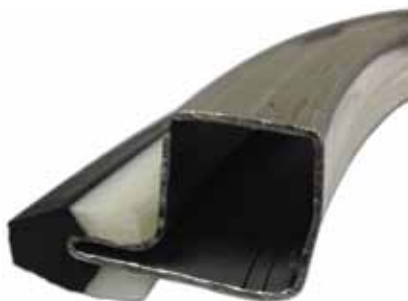


Product Digest

this month's topic

Piping, Tubing, Fittings, and Hoses

Conductive Gasket is Sanitary for Use in Food Processes



The sanitary C2 gasket is capable of grounding separation screens to eliminate static buildup. Screening problems can result from particle-to-particle bonding (agglomeration), or from particles clinging to the screen mesh — both of which are caused by excess static buildup. The patented C2 gasket is made of conductive black silicone to ground the screen and FDA-grade white silicone. Because the sanitary white silicone is the only portion exposed to the product, the gasket can be used in food processes. Static electricity reduction is extremely important for applications where explosive dust conditions may occur.

SWECO

www.sweco.com

Single-Use Clamps Have Simple Operation

PharmaLok single-use sanitary clamps secure fittings to bag ports and filters for biopharmaceutical applications. The clamps are easily operated with one hand and have a unique three-click feature to confirm secure connection with the fitting. They are made of glass-filled nylon that is both USP Class VI and ISO 1137 certified, and ASME BPE 2009 DT-5-3 compliant. The PharmaLok series does not require tools for closure, so operation is simple.

Value Plastics

www.valueplastics.com

Tubing is Enhanced by Nickel Cladding



This nickel-clad tubing is suitable for use in high-performance liquid chromatography (HPLC) and ultra-high-performance liquid chromatography (UHPLC), and permits resistive heating of columns and transfer lines. It is available in fused silica (FS), polyetheretherketone (PEEK), and polyimide-coated fused-silica models. Nickel-clad FS tubing has a higher pressure rating, better heat transfer, and a shorter bend radius than FS tubing that is not nickel-clad. Nickel-clad PEEK tubing can withstand pressures of up to 40,000 psi.

Valco Instruments Co.

www.vici.com

Couplers Can Withstand Gamma Sterilization



These quick-connect couplers are resistant to corrosion and acidic degradation as well as gamma sterilization. They are made of high-grade UV-resistant polypropylene, non-swelling Viton fluoroelastomer O-rings, and stainless steel springs, and have a pressure range of 0–100 psi and a temperature range of 32°F–160°F.

An ergonomic push button provides hassle-free disconnection. Keyed-connection models, as well as valve and straight-through versions, are available. This line of quick-connect couplers is suitable for use in industrial, chemical, and medical-science applications.

Flow-Rite Controls

www.flow-rite.com

Adapter Simplifies Pneumatic Control of Actuators



The AirLine Quick adapter allows direct mounting of this company's 8640 valve islands and 8644 automation systems onto control cabinets, which eliminates the need for bulk-head connections and internal piping. The mounting system has an adapter plate that enables fast and easy connection to the control cabinet's wall or floor. The adapter is stainless steel and has integrated exhaust check valves. It is designed for use in many types of hygienic processes for the food and pharmaceutical industries. For less-critical applications, a less-expensive anodized aluminum model is available.

Burkert Fluid Control Systems

www.burkert.com