



CONTACT
Lee Kershner
Corporate Marketing
Office: +1.215.7853.4527
lkershner@gtweed.com

FOR IMMEDIATE RELEASE

Greene Tweed's Chemraz® SFX Increases Manufacturing Productivity in Subfab Applications

Chemraz® Perfluoroelastomer is specifically designed to withstand corrosive conditions

Lansdale, PA – [Greene Tweed](#), a leading global manufacturer of high-performance elastomers, thermoplastics, composites, and engineered components, announces that its Chemraz® SFX perfluoroelastomer has been specially engineered to withstand the corrosive environments commonly seen in subfab applications while reducing the risk to health, safety, and the environment from toxic emissions.

Chemraz® SFX, a custom engineered FFKM, is an ideal choice for sealing system upgrades because it has been designed to withstand harsh chemicals and high temperatures encountered in subfab environments. Chemraz® SFX features broad chemical resistance to typical subfab effluents and optimized physical properties for long life in static vacuum fittings. With an operating temperature range up to 300°C/572°F, it's available as a standard o-ring as well as a custom seal design, and dramatically improves seal performance at high temperatures.

Greene Tweed has designed a custom seal assembly specifically for use in the subfab environment, including pumps, abatement systems, and exhaust piping. The custom design, combined with Chemraz® SFX, overcomes the limitations of KF fittings, which can lead to elevated stress in seal materials and premature failures. Using the custom assembly with Chemraz® SFX also enables users to upgrade systems using conventional sealing materials (e.g., fluoroelastomers) that can no longer handle the temperatures and/or chemical exposure found in today's subfab applications.

Chemraz® SFX matches seal performance to the application, thereby increasing productivity through reduced failures and maintenance needs. Applications include pumps, flanges, valves, and abatement systems. A high-performance perfluoroelastomer with highly temperature-resistant material and patented high-temp ISO fitting designs, Chemraz® SFX offers enhanced performance at a low cost of ownership.

For more information about how Greene Tweed provides performance Chemraz® perfluoroelastomers for subfab environments, visit <http://www.gtweed.com>.

###

About Greene Tweed

Greene Tweed is a leading global manufacturer of high-performance thermoplastics, composites, seals, and engineered components. Combining more than 150 years of technical expertise and commercial knowledge in a variety of markets, Greene Tweed collaborates with customers to develop engineered solutions that meet challenging performance requirements and reduce total cost of ownership.

Greene Tweed products are sold and distributed worldwide. For additional information, call +1.215.256.9521, or visit our website at <http://www.gtweed.com>.