

Press Release

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Teknor Apex Introduces New Medical Grade Thermoplastic Elastomers (TPEs) for Demanding Biopharmaceutical Tubing Applications

New medical-grade Medalist® MD-90000 Series TPEs offer enhanced clarity, reduced spallation, and extended pump life.

Pawtucket, Rhode Island. November 5, 2024. Teknor Apex, a trusted provider of custom plastic compounds for the healthcare industry, is pleased to announce the expansion of its medical-grade thermoplastic elastomer (TPE) portfolio with new grades specifically designed for biopharmaceutical tubing applications. Medical device manufacturers choose thermoplastic elastomers (TPEs) for applications that require flexibility or rubber-like elasticity, and they turn to Teknor Apex to deliver high quality, regulatory-compliant Medalist® TPEs with a proven track record.

As a family-owned company celebrating its 100th year in 2024, Teknor Apex continues to innovate and deliver solutions to meet the evolving needs of the healthcare market. These innovative Medalist® Series are tailored to address the unique challenges associated with the continuous processing of biopharmaceuticals through roller pumps.

Teknor Apex's new Medalist® MD-90000 Series TPE grades offer a compelling combination of performance benefits, including:

- **Enhanced Clarity:** Improved transparency for visual inspection of fluid flow and potential particle contamination.
- **Reduced Spallation:** Minimized material loss and contamination risks during extended pump operation.
- **Extended Pump Life:** Increased durability and longevity of tubing, reducing maintenance requirements and downtime.

These advanced materials are ideal for a wide range of biopharmaceutical applications including single-use systems, bioreactors, filtration systems and fluid transfer lines.

Teknor Apex will be showcasing these new TPEs at Compamed (November 11-14), the leading international trade fair for medical technology. Visit us in Hall 8B, Booth F20-4 to learn more about how our materials can help you achieve optimal performance and reliability in your biopharmaceutical processes.

About Teknor Apex

Teknor Apex Company, a privately held firm founded in 1924, is one of the world's leading custom compounders of plastics. Teknor Apex produces flexible and rigid vinyl, thermoplastic elastomers (TPE), nylons, Engineering thermoplastics (ETP), Thermoplastic Vulcanizate (TPV), color masterbatches, specialty chemicals, and garden hoses. The company is headquartered in Pawtucket, RI, U.S.A. and operates fourteen manufacturing facilities worldwide in the United States, Belgium, Germany, China, and Singapore. To learn more visit: www.teknorapex.com.

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Photo caption: Medalist® MD-90000 Series Thermoplastic Elastomers were uniquely designed to address spallation issues with existing products in pump segment tubing applications.

