



TPE Biopharmaceutical Tubing

Application Overview

Revolutionize Sterile Fluid Transfer in Critical Applications

Unlock the potential of sterile fluid transfer with Kent TPE Biopharmaceutical Tubing, state-of-the-art tubing designed for drug processing, drug delivery and point-of-care (POC) diagnostics. Kent TPE Biopharmaceutical Tubing combines cutting-edge technology with cost-effective solutions, offering a superior alternative to silicone and platinum cured silicones particularly in applications where silicone might be overengineered to meet unnecessary demands, such as performing in extremely high or low temperatures.

KEY PERFORMANCE FEATURES

High Gamma Sterilization Capability (Up to 60 kGy for 30 Minutes)

Kent TPE Biopharmaceutical Tubing sets a new standard in sterility with its remarkable tolerance for high gamma sterilization* levels, reaching up to 60 kGy for a duration of 30 minutes. This exceptional capability allows for a wide range of sterility (kGy) and ensures elimination of pathogens and contaminants, meeting the requirements of the pharmaceutical and healthcare industries.

Extended Pump Life (More than 20 Hours & Minimal Spallation)

Kent TPE Biopharmaceutical Tubing is engineered for reliability and has an extended pump life that lasts more than 20 hours. Its innovative design minimizes spallation, which allows for more consistent and efficient fluid transfer processes and less stress on any associated pumping devices. With Kent, experience reduced downtime and increased productivity.

Low Levels of Leachables and Extractables (BPOG Data Available)

Maintain product integrity with Kent TPE Biopharmaceutical Tubing which features low levels of leachables and extractables. BPOG data is available upon request and includes detailed information on compliance with biopharmaceutical and other applications. Kent ensures the highest standards are met in product purity during sterile fluid transfer.

Good Chemical Resistance

Kent TPE Biopharmaceutical Tubing boasts excellent chemical resistance, making it a versatile choice for various applications. Its robust resistance to a wide variety of chemicals ensures compatibility with substances encountered in drug processing and diagnostics, providing a reliable and durable solution.

Cost-Effective Alternative to Silicones and Platinum Cured Silicones

Beyond its stellar performance, Kent TPE Biopharmaceutical Tubing stands out as a cost-effective alternative to traditional silicones and platinum cured silicones. In scenarios where silicone is overengineered, such as upstream intensification, fluid transfer, and finish and fill applications, Kent TPE Biopharmaceutical Tubing presents a smarter, more economical choice without compromising on quality. Experience a higher level of reliability and performance at a fraction of the cost.

The Kent Solution

Elevate your sterile fluid transfer processes with Kent TPE Biopharmaceutical Tubing, where advanced technology meets affordability. Whether in drug processing, drug delivery or POC diagnostics, Kent delivers performance, reliability and cost efficiency. Contact us today to integrate Kent TPE tubing into your applications and witness the future of sterile fluid transfer technology. Trust in Kent for a seamless transition to better performance and higher efficiency

*Can also be sterilized with Autoclave.