

TekniTube™ Solvent Bondable TPE Tubing for Medical Devices

Range of solvent bondable thermoplastic elastomer (TPE) medical tubing that offers superior bonding to a variety of fitting types as compared to standard TPE tubing.



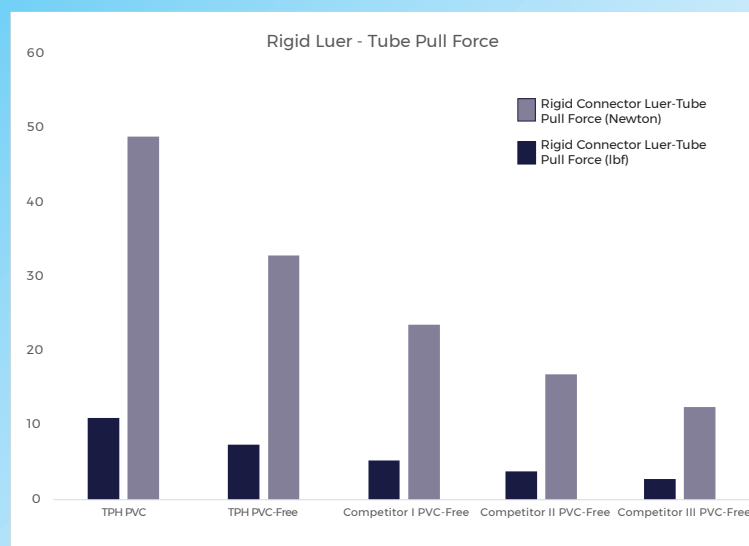
OVERVIEW

100% PVC and latex-free, solvent bondable thermoplastic elastomer (TPE) medical tubing that bonds well to a variety of fitting types using traditional rigid connector materials. Designed to meet the requirements of USP Class VI and ISO 10993, the TekniTube™ solvent bondable TPE tubing range also has excellent kink resistance and “feel” when compared to traditional PVC tubing. Possible applications include IV sets, infusion sets, enteral feeding sets, and more.

Product Range Features and Highlights

- 100% PVC Free construction
- Halogen, plasticizer, and phthalate free tubing
- Optically clear
- Excellent kink resistance
- Similar texture and “feel” compared to PVC tubing
- Extrusion performed in a Class 100,000 clean room
- Product range extruded to minimize particulates and maximize quality
 - Oil-free air compressors (tube inside diameter (ID))
 - ID air filtration using paper filters
 - UV sterilized water filtration (bioburden and pyrogenic micro-pore filtration)
- 100% in-line inspection of tubing ID for any occlusions or anomalies

Superior bond strength when compared to standard TPE tubing as shown below



Tube size: 0.094" x 0.140" ID x OD (WT = 0.023")
 Tube size: 2.4mm x 3.6mm ID x OD (WT = 0.6mm)
 Solvent: cyclohexanone



For additional information, please visit:
tekni-plex.com/healthcare