

TechSeal Innovations

Extruded Thermoplastic Elastomeric Septa Seals

Parker TechSeal Division now has the capability to extrude USP Class VI Thermoplastic Elastomeric (TPE) septa plugs for medical and pharmaceutical applications.

Each septum plug is manufactured from a 35 durometer TPE specifically formulated for multi-piercing puncture membranes.



Used in:

- Chromatography
- Research Laboratories
- Pharmaceutical products
- Life Science Products

Septa are pierceable membranes that allow the transfer of fluids to and from sealed containers via syringes



Compound Properties:

- Resistant to:
 - Gammasterilization (2 x 35kGy)
 - Hot Steam-Sterilization (134 C)
 - EtO-Sterilization
- Excellent resealing properties
- Excellent compression-set
- Hardness 35 Shore A
- Translucent
- Adhesion to PP and HDPE
- Drug Master File and Medical Approvals according to:
 - USP Class VI
 - ISO 10993-5/-10/-11
 - USP 6.6.1

