

TexLoc ePTFE Tubing

Expanded PTFE



Parker TexLoc introduces expanded PTFE, or ePTFE, for medical and industrial filtration applications. Through a specialized process, PTFE tubing is modified into a microporous tube that is chemically inert but with benefits not found in traditional PTFE tubing. Specifically, the tubing is expanded, creating tiny micropores to make the ePTFE tube more like a membrane rather than a traditional tube. Acting like a membrane, the pores in the TexLoc ePTFE permit molecules to escape from the tube, depending on the application. When needed, the pores of the tube can be manufactured close enough together to support the transfer of fluids without leakage.

In some applications, because the TexLoc ePTFE tube is permeable, it is used in the dispensing of special drugs or dyes that need to be released quickly and in applications where gases and liquids must be separated. Other applications include tissue sampling, insulators, water purification and filtration.



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Product Features:

- Micro-pores are optimized to fit each customer's application
- Biocompatible
- Non-aging
- Non-toxic
- Autoclavable
- FDA & USP Class VI Compliant Materials



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