

FEP Lay-Flat®

FEP Heat Shrink Extrusions

HEAT SHRINK TUBING



FEP LAY-FLAT®

FEP Lay-Flat® heat shrink tubing is the replacement of choice for processes that currently use thin FEP film or seamed tape in the layup and cure of unique shapes for composite structures. Virgin FEP is an approved resin for contact with composite fabrication for various industries such as aerospace, automotive, wind, and space.

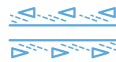
With long continuous lengths available, the FEP Lay-Flat® heat shrinkable tubing offers superior finishing results for composite fabrication and can be customized for various applications that require thin walls compared to film.

Available in numerous colors and shapes and sizes.



SECONDARY/VALUE-ADD SERVICES:

Colors
Drilling (FEP)



COEFFICIENT OF FRICTION



CHEMICAL RESISTANCE



DIELECTRIC STRENGTH

APPLICATIONS

- Lithium and other batteries
- Battery packs
- Bus bars
- Capacitors
- Coil windings
- Electric motors
- Fluorescent light bulb encapsulation

CAPABILITIES AND SIZING

- Spooled up to 500 ft (152 m) lengths
- Available in long, seamless lengths
- 1/4" (6.35 mm) to 3 1/2" (89mm) OD
- 0.002" (0.051 mm) to 0.020" (0.508 mm) wall thickness
- Expansion ratios are ~ 1.3:1 to 1.6:1 and customized for each application.

KEY PROPERTIES

- UV resistant
- Chemically resistant
- Flame resistant
- Low solvent absorption
- Many preferred traits over PTFE
- Sterilizable