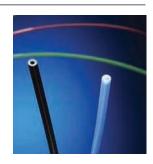


# ETFE - Ethylenetetrafluoroethylene

## Properties

#### Background

n ETFE is used in applications requiring excellent impact resistance and good resistance to stress cracking. The resin maintains these properties up to its continuous working



temperature of 300°F (149°C). ETFE is the resin of choice for applications requiring a fluoropolymer with superior mechanical properties.

#### **Key Properties**

- n Chemical resistance and inertness
- n Gamma, ETO, e-beam and autoclave strilizability
- n Excellent impact resistance
- n Increased durability and stiffness over other fluoropolymers
- n Higher pressure rating than other fluoropolymers
- n Higher tensile strength and creep resistance than other fluoropolymers
- **n** Greater crush resistance than other fluoropolymers

#### **Additional Properties**

- n Radiation Resistance
- n Melt weldability and thermoformability
- n Flame rating- UL 94VO
- n Limiting oxygen index-30

### **YOZONE** Capabilities

- n Etching capability for bonding
- n Fillers available for material modification
  - Radio opaque
  - Carbon
  - Pigments
- n Tight tolerance extrusions
- n Extruded forms
  - Tubing
  - Lay-flat tubing
  - Special profiles
  - Monofilament
  - Multi-lumen

