

### Applications

- Valve seats, seals, and stems
- Gears, cams, bearings
- Gaskets
- Fluid handling systems
- Chemical apparatus

### Advantages

- Chemical resistance
- Long-term weathering
- Non-stick
- Non-flammability
- Low dielectric constant and low dissipation factor
- High arc resistance, surface and volume resistivities
- Flexibility at low temperatures and thermal stability at high temperatures
- Low coefficient of friction

### Performance Characteristics

FDA compliant

### CTFE

#### Chlorotrifluoroethylene [ Chlorotrifluoroethylene ]

CTFE (chlorotrifluoroethylene) or PCTFE, is the generic name for the material produced as Kel-F® and as Aclar®.

### Brand Names

Kel-F®, Neoflon®, Aclon®, Chemfluor® 767

*Emco Industrial Plastics doesn't claim to represent all of the manufacturers or trade name products listed. This list is intended as a guide of typical materials available for purchase from Emco Industrial Plastics, Inc. For additional information, contact an Emco Industrial Plastics representative at (800) 292-9906.*

### Availability

| TYPE  | SIZE          | LENGTH                | COLOR             |
|-------|---------------|-----------------------|-------------------|
| Sheet | 1/16" - 2"    | 12, 14", 15" sq ; CTS | Std. foot lengths |
| Rod   | 1/8" - 3-1/4" |                       |                   |
| Tube  | Available     |                       |                   |
| Film  | Available     |                       |                   |

**Notes** Kel-F® is a registered tradename of 3M. In 1996, 3M discontinued manufacturing of Kel-F. Currently, all PCTFE resin is manufactured by Daikin under the tradename of Neoflon® or by Allied Signal under the tradename of Aclon®. Kel-F is still the most commonly used tradename used to describe PCTFE.

**Give us your cut-to-size dimensions. We will precision-cut these plastics to your exact size. Additional sizes and colors available upon request.**