

PFA

Perfluoroalkoxy

OVERVIEW

PerFluoroAlkoxy (PFA) offers similar properties to FEP, but is considered more of a premium resin. PFA is preferred when extended service is required in hostile environments involving chemical, thermal, and mechanical stress. PFA offers high melt strength, stability at high processing temperatures, excellent crack and stress resistance, a low coefficient of friction, and more than 10 times the Flex life of FEP.

APPLICATIONS & USES

Crack resistant, creep resistant, excellent flex life, low coefficient of friction, outstanding chemical resistance, wide operating temp range.

- Aircraft Wire
- Cables
- Chemical Processing Components
- Roll Covers
- Wire and Cable Applications
- Seals

TECHNICAL DATA

PROPERTY	VALUE
Yield Tensile Strength (psi)	3,600
Yield Tensile Elongation	300%
Flexural Strength (psi)	—
Flexural Modulus (psi)	85,000
Izod Impact Strength (ft-lbs/in.)	No break
Coefficient of Friction	0.2
Max Continuous Operating Temp° F	500° F
Minimum Continuous Operating Temp° F	-320° F
Flammability Rating	V-0
UV Resistant	Yes