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## **FEP** Fluorinated Ethylene Propylene

## **OVERVIEW**

FEP possesses a very high degree of stress crack resistance, a low coefficient of friction, exceptional dielectric properties, heat resistance, retention of properties after service at 400°F (204°C) with useful properties at -454°F (-270°C), and meets FDA 21CFR.177.1550.

## **TECHNICAL DATA**

## **APPLICATIONS & USES**

- Fire Alarm Cable
- Aircraft Wire
- Lining for Pipe and Chemical Processing Equipment
- Plenum Cable
- Roll Covers
- Well Logging Cable
- Wire and Cable Applications

PROPERTY	VALUE
Tensile Strength	3,400
Tensile Modulus	85,000
Tensile Elongation at Break	325%
Flexural Strength	_
Flexural Modulas	_
Compressive Strength	_
Compressive Modulus	_
Hardness	Shore D56
IZOD Impact-Notched	No Break
Dynamic Coefficient of Friction	0.2
Max Continuous Operation Temp	400°F
Minimum Operating Temp	-418°F
Flammability Rating	V-0

The data provided gives the typical properties of the material. These are "typical" properties only, and should not be used for specification purposes. This information is based on our experience to date and we believe it to be reliable. It is intended to be used only as a guide at your discretion and risk. Jade cannot guarantee favorable results and assumes no liability in connection with the use of this product. None of this information is to be taken as a license to operate under, or recommendation to infringe, any patents.