

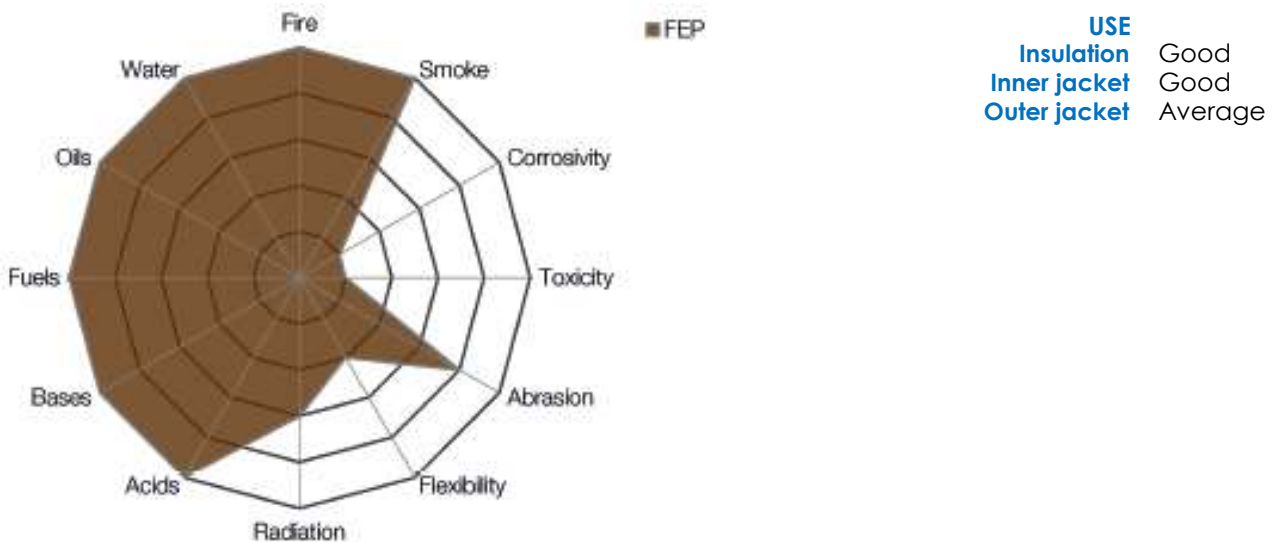
FEP

FEP (Fluorinated Ethylene-Propylene) is the softest and most flexible of the fluoropolymers. It is the preferred choice for long length requirements and with excellent electrical properties (stable over changing frequencies and temperatures), this makes it an ideal choice for use in data cables and coaxial. Although it is not halogen free, excellent all-round fire and chemical resistance and a broad operating temperature range all make FEP ideal for use in a wide range of environments.

Electrical

Properties	Method	Conditions	Value
Dielectric constant	ASTM D 150	0.1 kHz 10 MHz	2.1 2.1
Dielectric strength	ASTM D 149	0.25 mm film 3.2 mm sheet	> 80 kV/mm 20 kV/mm
Dissipation factor	ASTM D 150	0.1 kHz 10 MHz	0.0002 0.0007
Volume resistivity	Internal	25 °C 90 °C	> 10 ¹⁶ Ω x cm 10 ¹⁶ Ω x cm

Application chart



Important: IMCAVI has compiled the information contained herein from what it believes to be accurate and factual sources as of the date printed. Data is based on typical values and might vary depending on cable construction and processing method. Any changes in the data will be made without notification.

DISCLAIMER: Information is indicative and cannot be considered a binding representation or warranty for products and their use.