ENERGINN Oil & Gas

Technical Data Sheet

High Temp Tape BD-FP008

Base Material: FEP

Product Description

A high-performance FEP (Fluorinated Ethylene Propylene) tape specifically engineered for cable splicing applications in harsh oilfield environments.

Features

- Excellent high-temperature resistance
- Superior dielectric strength
- Suitable for harsh downhole environments
- Chemically resistant to oils, fuels, and solvents
- UV and weather resistant

Properties

Material	FEP Film
Adhesive	Silicone Adhesive
Color	Transparent
Liner	Transparent Film Liner
Width	25mm (1inch)
Total Thickness	0.089mm (0.0035inch)
Film Thickness	0.051mm (0.002inch)
Adhesive Thickness	0.038mm (0.0015inch)
Minimum operating temperature	-100F (-73C)
Maximum operating temperature	+500F (+260C)
Elongation	330%
Dielectrical Strength	9kv
Volume Resistivity	7.1*10^15 Ω.m
Tensile Strength	51N/25mm (11.6lb/in)
Adhesion	8.5N/25mm (31oz/in)