ENERGINN Oil & Gas

Technical Data Sheet

High Modulus Tape BD-PT001

Base Material: PTFE

Product Description

A high-performance PTFE (Polytetrafluoroethylene) tape designed for insulation and protection in cable splicing applications exposed to high temperatures and chemically aggressive environments.

Features

- Excellent thermal resistance
- Outstanding chemical resistance to oils, fuels, and solvents
- Superior electrical insulation
- Ideal for high-pressure and corrosive conditions

Properties

Material	PTFE Film
Adhesive	Acrylic Adhesive
Color	Grey
Liner	White Paper Liner
Width	25mm (1inch)
Total Thickness	0.177mm (0.007inch)
Film Thickness	0.127mm (0.005inch)
Adhesive Thickness	0.05mm (0.002inch)
Minimum Operating Temperature	-40F (-40C)
Maximum Operating Temperature	+400F (+204C)
Elongation	330%
Dielectrical Strength	14kv
Volume Resistivity	8.2*10^15 Ω.m
Tensile Strength	135N/25mm (30.8lb/in)
Adhesion	14N/25mm (51oz/in)