

TACONIC

Taconic 6145-02 FEP Teflon® Downhole Tape

Taconic 6145-02 is a pressure sensitive tape made of FEP (Teflon®) film that is coated with a high temperature silicone adhesive with a release liner. The FEP film is optically clear and offers excellent electrical properties and chemical resistance.

This tape is used primarily in electrical applications including capacitor insulation and cable termination insulation. Being optically clear and chemically resistant, it is used as protective overlay for cables and harnesses.

The product is clear making it an excellent colour code beneath the wraps visible.

Application & Benefits:

- Use as an inner wrap of the cable splicing process during the cable repair of down-hole cable of the submersible pump in the oil & gas industry
- This is a clear tape that allow the colour code beneath the warp visible
- Highest dielectric strength for insulation that need a thin pressure sensitive tape
- Excellent chemical resistant
- Non-stick, Low Friction

Taconic 6145-02 FEP Downhole Tape Data Sheet	
Colour	Clear
Adhesive System	High Temperature Silicone
Substrate	Teflon® FEP
Substrate Thickness (Nominal)	0.051 mm
Adhesive Thickness (Nominal)	0.051 mm
Total Thickness (Nominal)	0.102 mm
Tensile Strength (Nominal)	40N / 5cm
Dielectric Strength (Nominal)	8500 Volt
Elongation At Break (Nominal)	280%
Peel Strength (Nominal)	500gf/25 mm
Operating Temperature	-73°C to +204°C

