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#358 Glass Reinforced Polyester Adhesive Tape

Properties and Application

PEI glass reinforced polyester #358 adhesive tape is an aggressive, acrylic adhesive. Its primary application is for strong holding and banding of insulating papers, both in dry and oil filled transformers. This acrylic adhesive, offers outstanding resistance to solvents and oils and provides excellent performance in holding applications for motors and generators.

This material is rated as a class F 155° C tape, but can be effectively utilized in UL systems of higher temperatures.

Properties	Value*
Color	Clear
Adhesive	Acrylic
Backing Thickness	5.5mil (.11mm)
Total Thickness	6.5mil (.15mm)
Adhesion to Steel	43oz/in (5n/10mm)
Break Strength	280lb/in (500n/10mm)
Elongation	4%
Temperature Class	155°C
Dielectric Strength	5,000 Volts

In order to attain maximum electrical properties and oil resistance the tape should undergo a heat cycle to one of the following schedules:

- 150° C Minimum 1 hour
- 135° C Minimum 2 hours
- 120° C Minimum 3 hours

***CAUTION:** The above values are typical and care should be taken not to take this data as a basis in constructing any specifications. All customers are responsible to ensure that this product will meet all application requirements before approving this for use.