



TAPE, CREPE PAPER BACKED - PRESSURE SENSITIVE

ESF-M3G25-A

1. SCOPE

The material defined by this standard is a paper backed pressure sensitive tape identified as creped paper backing.

2. APPLICATION

This specification was released originally for material used to retain starter field coils prior to paper wrap, or as general purpose pressure sensitive tape.

3. REQUIREMENTS

3.0 STANDARD REQUIREMENTS FOR PRODUCTION MATERIALS

Material suppliers and part producers must conform to the Company's Standard Requirements For Production Materials (WSS-M99P1111-A).

3.2 MATERIALS AND WORKMANSHIP

The tape shall consist of creped paper backing, coated on one side with a pressure sensitive adhesive, which requires no moisture, heat, or special preparation prior to application. The edges of the tape shall be straight, true and unbroken.

3.2.1 Paper

Shall be uniform in texture and have sufficient strength to allow the tape to be unwound from its roll.

3.2.2 Adhesive

Shall be a smooth, uniform coating, covering the entire area of one side of the tape. There shall be no separation of the adhesive from the backing upon unwinding from the roll. The tape shall adhere immediately and firmly to clean dry surfaces to which the tape is generally applied without wrinkling, curling, breaking, or lifting.

3.3 THICKNESS, max 0.009 in (0.23 mm)
(ASTM D 1000)

3.4 EASE OF HANDLING The tape shall be easily torn by hand.

3.5 UNWIND PULL, max 32 oz/in (350 N/m) width

Test Method: Pull in a tensile tester at the rate of 20 in (508 mm)/min.

Date	Action	Revisions
2005 05 31	Revised	Inserted 3.0; deleted 3.1, 3.9, 4
1978 06 05		Metricated, Renumbered and Retyped
1963 08 29	Released	CF6-WP-412036





- 3.6 TENSILE STRENGTH**, min
(ASTM D 1000, 12 in (305 mm)/min rate of pull) 15 lb/in (2.6 N/mm)
- Elongation, max 12%
- 3.7 ADHESION TO STEEL**, min
(ASTM D 1000, 12 in (305 mm)/min rate of pull) 16 oz/in (175 N/m) width
- 3.8 HIGH TEMPERATURE ADHESIVE STRENGTH**
- 1 in² (6.5 cm²) of tape applied to a freshly prepared enameled panel (prepared per FLTM BI 103-02) shall support a 150 g weight in shear for 30 min in a mechanical convection oven maintained at 102 +/- 3 °C.