



TAPE, VINYL - PRESSURE SENSITIVE

ESB-M3G29-A

1. SCOPE

The material defined by this specification is a polyvinyl chloride, pressure sensitive tape.

2. APPLICATION

This specification was released originally for material used to provide abrasion and cut resistance for wiring assemblies against sharp metal edges such as door and jamb edges, and resistance to stone pecking in wheelhouse areas.

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 COLOR

Black, unless otherwise specified on engineering drawings.

3.3 THICKNESS (ASTM D 1000)

0.020 +/- 0.001 in
(0.51 +/- 0.03 mm)

3.4 BREAKING STRENGTH, min (ASTM D 1000, 20 in (508 mm)/min rate of pull)

50 lb/in (8.7 N/mm)

Elongation, min

200%

3.5 DIELECTRIC STRENGTH at 23 +/- 2 °C, min (ASTM D 1000)

800 V/0.001 in
(31 kV/mm)

3.6 ADHESION TO STEEL, min (ASTM D 1000)

25 oz/in (274 N/m) width

3.7 ADHESION TO BACKING, min (ASTM D 1000)

24 oz/in (263 N/m) width

3.8 COPPER CORROSION (FLTM BU 106-01)

No evidence of the characteristic green color of cupric chloride and/or the characteristic blue-black color of copper sulfide on the copper plates.

Date	Action	Revisions
2005 09 16	Revised	Inserted 3.0; Deleted 3.1, 3.12, 4
1978 05 05		Metricated, Renumbered and Re-typed CAH1-RD572066-31
1963 06 05	Released	AS1-915



3.9 FLAME RESISTANCE
(ASTM D 568, Method "A" or "B")

The tape shall be self-extinguishing within 15 s and without more than 6 in (152 mm) of its length being burned.

3.10 OIL RESISTANCE
(FLTM BU 110-01)

No blistering; not more than 1 turn shall unwind during test.

3.11 COLD FLEXIBILITY
(FLTM BU 011-01)

No cracking