

FR-9 1 Mil Flame Retardant Polyester Film Tape

DESCRIPTION

FR-9 is a 1 mil thick printable polyester film, coated with an aggressive solvent resistant acrylic adhesive. FR-9 meets the flame retardancy requirements of U.L. Subject 510 and is U.L. recognized for continuous operation at class B-130°C.

FEATURES

FR-9 is an excellent outer wrapping on capacitors and coils, holding transformer construction, and wire harness bundling. FR-9 has the initial wet grab of a rubber adhesive, the solvent resistance of an acrylic adhesive, and the added features of printability and U.L. flame retardancy at no additional cost to the OEM user.

PHYSICAL PROPERTIES

Backing Material	.001 Polyester Film
Adhesive System	Acrylic Thermosetting
Total Tape Thickness	.0023
Colors	White, Yellow, Clear, Black
Tensile Strength	25 lbs. / in.
Elongation	100%
Adhesion to Steel	35 oz. / in.
Dielectric Strength	5000 volts
Insulation Resistance	1 x 10 ⁶ megohms
Electrolytic Corrosion Factor Ratio	1.0
Recommended Bake Cycle	2 hrs. @ 135°C/275°F 1 hr. @ 150°C/302°F
U.L. Component Recognition – 130°C	File E52363 – CAT.ETS-FR-9
Flammability Rating	Complies with requirements of UL510 *can be qualified to MIL-T-23142 specifications

Test Method: In accordance with ASTM Methods.
Shelf Life: 3 years when stored at 73°F and 65% relative humidity.

Physical characteristics shown are averages from tests recommended by our own procedures. A particular roll may vary slightly from these averages. The buyer should determine the suitability for his own use.