PAC-TON

Polyimide with Acrylic Adhesive

Technical Data Sheet

Description

Polyimide backing and acrylic adhesive offers excellent chemical and thermal resistance with excellent electrical insulating properties. This tape is used where toughness and puncture resistance are required.

Product Applications

Used in high temperature applications. Solvent resistant is required for wrapping coils, transformer, capacitors, and wire harnesses. Conformal coating masking applications.

Government Compliance

MIL - P - 46112B/ASTM D 5213, Type 1, Item A

RoHs/REACH Compliant

This product complies with the European Union's "Restriction of Hazardous Substances" (RoHs) initiative and with European REACH regulation.

Product Construction

- HN Polyimide Film Backing with Acrylic Adhesive

Nominal Values

The following data are nominal values based on PSTC, ASTM and other standard tests. The data should not be considered as specifications.

Specifcation		Test Methods
Backing Thickness	1 mil	ASTM D-3652
Total Thickness	2.5 mil	ASTM D-3652
Adhesion to Steel	25 oz./in	ASTM D-3330
Tensile Strength	30 lbs./in	ASTM D-3759
Elongation	55%	ASTM D-3759
Dielectric Strength	6500V	ASTM D-149
Insulation Class	155°C	
Operating Temperature Range	-29°C to 155°C	
Surface Resistance (*ESD Part Numbers Only)	10^6-10^9 ohms	ANSI/ESD S20.20

Ordering Information

Part Number	*ESD Part Number	Roll Size
PTPIT-2.5Ax1/4	**PTPIT-2.5Ax1/4-ESD**	¼" x 36 Yards
PTPIT-2.5Ax3/8	**PTPIT-2.5Ax3/8-ESD**	⅜" x 36 Yards
PTPIT-2.5Ax1/2	**PTPIT-2.5Ax1/2-ESD**	½" x 36 Yards
PTPIT-2.5Ax3/4	**PTPIT-2.5Ax3/4-ESD**	¾" x 36 Yards
PTPIT-2.5Ax1	**PTPIT-2.5Ax1-ESD**	1" x 36 Yards
PTPIT-2.5Ax2	**PTPIT-2.5Ax2-ESD**	2" x 36 Yards