



CGSTAPE-8258

1 Mil Polyimide Tape
with Silicone Adhesive

UL File

E 244657

Government Compliance

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

RoHs/REACH Compliant

This Product Complies
with the European Un-
ion's "Restriction of Haz-
ardous Substanc-
es" (RoHs) initiative and
with European REACH
regulation.

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Technical Data Sheet



Description

Polyimide backing and silicone adhesive offers out-
standing thermal resistance and excellent electrical
insulating properties. This tape is used where
toughness, puncture resistance, extreme resistance
to heat, and flame retardance are required.

Product Applications

Used on gold fingers for protection in wave solder-
ing. Is being used as ground barrier and phase in-
sulation in high performance coils. Also used as an
outer wrap on small bobbin wound coils and on
form wound coils for traction motors.

Product Construction

Backing	Adhesive	Liner	Color
HN Polyimide Film	Silicone	None	Amber

Nominal Values

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

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	6500 volts	ASTM D-149
Insulation Resistance	1,000,000 mega ohms	
Electrolytic Corrosion	1	
Operating Temperature Range	-100° to 500°F	