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Conformable Tape Made with Teflon PTFE 204-5

Product Description

This product is a pressure sensitive tape using skived PTFE film with “high temperature” silicone adhesive. This is a UL recognized component (UL File no. E179854).

Application Information

This tape is used in electrical applications such as coil wraps, separators, transformer, slot liners, and harness wrapping where good insulation and heat resistant properties are needed. They are also used in mechanical applications requiring high temperature resistance, a low friction surface or a non-stick surface.

Technical Properties

Property	Test Method	Characteristic
Backing Material		PTFE Film
Backing Thickness (in)		0.005
Adhesive System		Silicone
Adhesive Thickness (in)		0.0015
Adhesion (oz/in)	ASTM-D-1000	40
Tensile Strength (lb/in)	ASTM-D-3759	30
Elongation (%)	ASTM-D-3759	300
Dielectric Strength (volts)	ASTM-D-149	14000
Max Operating Temperature (F)		500
U.L. Approval	File no. E17854	Approved- Flame Retardant/ Cold Resistant
Government Specification	MIL-I-23594C, Type 1	Pass

NOTE:

1. When applying pressure sensitive adhesive films to any surface, be sure that the surface is free from oil or other surface contaminants such as powder, dust, or release agents. Adhesive performance should be carefully checked when used on substrates containing plasticizers.
2. The above values are “Typical Values” which have a nominal range about them and are not intended for specification purposes