

## MIL-59474 Type 1, Class 1

**Description:** PTFE Film – 2 mil, skived film backing with a silicone pressure sensitive adhesive.

**Product Applications:** Used for high temperature resisting, acid resisting, alkali resisting shielding. PTFE film tape provides low surface friction composition for high heat applications like connection wrapping of cables with high voltage and high temperatures. It is used in electrical insulation systems meeting Class H requirements.

Backing	Adhesive	Liner	Color
Skived PTFE Film	Silicone	None	Grey

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

Nominal Values		
Backing Thickness	2 mil	ASTM D-3652
Total Thickness	3.5 mil	ASTM D-3652
Adhesion to Steel	26 oz./in.	ASTM D-3330
Tensile Strength	15 lbs./in.	ASTM D-3759
Elongation	300%	ASTM D-3759
Dielectric Strength	7500 Volts	ASTM D-149
Insulation Class	180°C	
Operating Temperature Range	-60°C to 260°C	

**This product is RoHS compliant**