

## POLYIMIDE FILM

**TK** tape is produced using a high-temperature polyimide film. Suitable for various high temperature applications, **TK** tape is commonly used in printed circuit board applications. Aside from its high-temperature characteristics, it also exhibits high mechanical and thermal stability, as well as resistance to radiation damage.

Operating Temperature Range: Silicone Adhesive (S):  
-100°F (-73°C) to 500°F (260°C)  
Acrylic Adhesive (A):  
-20°F (-29°C) to 350°F (177°C)  
Standard Colors: Amber

Catalog Number Size	Adhesive	Backing Thickness		Adhesive Thickness		Total Thickness		Adhesion Strength		Tensile Strength		Elongation %
		mil	mm	mil	mm	mil	mm	oz/in	g/cm	lbs/in	kg/cm	
TK-1/1.5-S	S	1.0	0.025	1.5	0.038	2.5	0.064	20	220	30	5.4	50
TK-2/1.5-S	S	2.0	0.051	1.5	0.038	3.5	0.089	20	220	50	8.9	75
TK-1/1.5-A	A	1.0	0.025	1.5	0.038	2.5	0.064	30	331	30	5.4	50
TK-2/1.5-A	A	2.0	0.051	1.5	0.038	3.5	0.089	30	331	50	8.9	75
TK-1/1.5-ESD	S*	1.0	0.025	1.5	0.038	2.5	0.064	20	220	30	5.4	50
TK-1/3.5-S/S	S/S**	1.0	0.025	3.5	0.089	4.5	0.114	20	220	30	5.4	50

\* Specially formulated for ESD applications

\*\* Double-Sided tape

## TEFLON FILM

**TT1** tape is produced using a skived Teflon film. Applications include packaging equipment, heat sealing applications, graphics arts, electrical insulation, and multi-purpose industrial uses. **TT2** tape is a stretchier version, with higher tensile strength. Characteristics include excellent resistance to chemicals, high dielectric strength, high temperature resistance, and abrasion resistance.

Operating Temperature Range: -100°F (-73°C) to 500°F (260°C)  
Standard Colors: White

Catalog Number Size	Adhesive	Backing Thickness		Adhesive Thickness		Total Thickness		Adhesion Strength		Tensile Strength		Elongation %
		mil	mm	mil	mm	mil	mm	oz/in	g/cm	lbs/in	kg/cm	
TT1-2/1.5-S	S	2.0	0.051	1.5	0.038	3.5	0.089	25	276	15	2.7	250
TT1-3/3-S	S	3.0	0.076	3.0	0.076	6.0	0.152	30	331	20	3.6	275
TT1-5/1.5-S	S	5.0	0.127	1.5	0.038	6.5	0.165	35	386	30	5.4	275
TT1-10/2.5-S	S	10.0	0.250	2.5	0.063	12.5	0.318	55	606	60	10.8	300
TT2-2/1.5-S	S	2.0	0.051	1.5	0.038	3.5	0.089	25	276	25	4.5	150
TT2-2/1.5-S-G	S*	2.0	0.051	1.5	0.038	3.5	0.089	25	276	25	4.5	150
TT2-5/1.5-S	S	5.0	0.127	1.5	0.038	6.5	0.165	30	331	45	8.0	200

\* Standard Color : Gray