

Kapton™ Alternative Polyimide Tapes...

PRODUCT NUMBER/SPECIFICATIONS

KPT-(Mil) ... Wave Solder/Hot Air Leveling Tape
 1 and 2 mil Electrical Grade Kapton™ Alternative POLYIMIDE film coated with a high performance silicone adhesive. Thin and conformable, with outstanding tear and abrasion resistance at elevated temperatures. Adhesive will thermoset to increase adhesion values. Leaves minimal residue when removed after manufacturing process; reduces clean-up time and minimizes rejects. Permits observation of board during processing. Excellent resistance to acids, oils, solvents, aging, staining, water immersion. Protects gold contacts from molten solder during hot air wave solder leveling process. Film meets UL510. Formulated to meet Mil spec: MIL-P-46112B. 3" plastic core.

Physical Properties...

	KPT-1	KPT-2
Film thickness:	1 mil	2 mil
Total thickness:	2.4 mil	3.4 mil
Adhesion:	16.07 oz/in.	17.9 oz/in.
Unwind Force	26.78 oz/in	26.78 oz/in
Elongation:	90%	100%
Dielectric strength:	6400V	7000V
Temp. resistance:	+14°F to 518 °F (-10 °C to 270 °C)	
Film color:	Amber (transparent)	

™DuPont Trademark

WIDTH	RLS/CS	
KPT-1	36 YD (33M)	
1/4"	(6.3mm)	144 or 192
3/8"	(9.5mm)	96 or 128
1/2"	(12.7mm)	72 or 96
5/8"	(15.9mm)	60
3/4"	(19.0mm)	48 or 64
7/8"	(22.2mm)	48
1"	(25.4mm)	36 or 48
1.5"	(38.1mm)	24 or 32
2"	(50.8mm)	24
3"	(76.2mm)	12
4"	(101.6mm)	12
24.8"	(630mm)	LOG

*MINIMUM 6 INCHES.

WIDTH	RLS/CS	
KPT-2	36 YD (33M)	
1/4"	(6.3mm)	144 or 192
3/8"	(9.5mm)	96 or 128
1/2"	(12.7mm)	72 or 96
5/8"	(15.9mm)	60
3/4"	(19.0mm)	48 or 64
7/8"	(22.2mm)	48
1"	(25.4mm)	36 or 48
1.5"	(38.1mm)	24 or 32
1.75"	(44.4mm)	24
2"	(50.8mm)	24
3"	(76.2mm)	12
4"	(101.6mm)	12
24.8"	(630mm)	LOG

*MINIMUM 6 INCHES.