

Product Data Sheet

Kapton Tape, Silicone Adhesive , 2 mil

758ST3361, 758ST3161



- Ideal for protecting gold finger of PCB during wave soldering process
- Safe and clean removal from PCB
- High conformability

Product Information

This high temperature resistant tape offers optimum performance in electrical and thermal insulation with a continuous service temperature range of -100°F to 500°F (-73°C to 260°C) with short term, intermittent service to 600°F (315°C). Used for electrical and thermal insulation, as well as for wire and cable wrapping, and high temperature masking. Manufactured from 1 mil thin polyimide film with 2.4 mils anti-static silicone adhesive. The ESD function can reduce the discharge of electroplating static upon tape removal.

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Technical Details	Test Method	Normal	Min.
Carrier Thickness (mil/mm)	ASTM D 1000	1.00/0.025	1.00/0.025
Backing Thickness (mil/mm)	ASTM D 1000	3.39/0.085	3.27/0.082
Adhesion to Steel (N/25mm)/(g/25mm)/(oz/in)		7.3/750/26.5	6.8/600/24.4
Tensile Strength (N/25mm)/(k-g/25mm)/(lb/in)	ASTM D 1000	98/10/21.7	88/9.0/20
Dielectric Strength (kV)	ASTM D 149	7.0	6.5
Insulation Resistance (ohms)	ASTM D 257	>10 ⁶	>10 ⁶
Class of Insulation (°C)	UL 510	UL H/200	UL H/200
Elongation (%)	ASTM D 1000	50	40
Static Charge-Unwinding (Volt)	ASTM D 1000	<50	5
Range of Temperature (C/F)		-73~260	-100~500
Adhesive		Silicone	Silicone
Packaging			
758ST3361		3/4" x 72 Yds, 3" core, 2.5 mil	
758ST3161		1" x 72 Yds, 3" core, 2.5 mil	

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