3M Circuit Plating Tape1278

Product Description	3M TM Circuit Plating Tape 1278 is a polyester film tape with a specially formulated silicone-free adhesive for masking solder mask over bare copper (SMOBC) printed wiring boards during the gold tip plating process.				
Product Construction	Backing	Backing Adhesive Color Standar		Standard Ro	oll Length
	Polyester Rubber blend		Blue	Custom sizes only. Contact your local 3M sales representative for more information.	
Typical Physical Properties	Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.				
					ASTM Test Method
	Adhesion to Steel:	31.4 0	z./in. width (34.4	N/100 mm)	D-3330
	Tensile Strength:	24.6 lb	24.6 lbs./in. width (430.9 N/100 mm)		D-3759
	Elongation at Break	: 116%			D-3759
	Total Tape Thicknes	s: 2.8 mil	s (.071 mm)		D-3652
Features	Silicone-free adhesive which eliminates silicone removal.				
	• Low stretch polyester film for machine, as well as hand application.				
	• Solvent clean up of the board is recommended to facilitate subsequent soldering.*				
	High strength, stable polyester backing which provides even stop-off line.				
	• 2 mil adhesive coating thickness which is thick enough to help prevent leaking on a wide range of solder mask surfaces and thin enough for easy handling and removal from board.				
	 High strength adhesive which virtually eliminates adhesive transfer after tape removal. 				
	*Be sure to follow the manufacturer's precautions and directions for use when using solvents.				

Application Ideas

• Masking of many SMOBC printed wiring boards during solder stripping and precious metal plating of fingers.

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Application Techniques

 Tape must be firmly pressed down by equipment with rubber-covered rollers. Hand rolling usually does not provide enough pressure. A vivid outline of the circuit leads usually indicates that adequate pressure was used.

Storage

Store under normal conditions of 60° to 80°F (15° to 27°C) and 50% R.H. in the original carton.

Shelf Life

To obtain best performance, use this product within 18 months from date of manufacture.

Product Use

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ISO 9001:2000

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