



Circuit Plating Tape

1280

Technical Data

Product Description	A polyester film tape with unique adhesive for printed circuit board masking during electroplating.			
Product Construction	Backing	Adhesive	Color	Standard Roll Length
	Polyester	Blended silicone and rubber	Red	72 yds. (65m) 144 yds. (132m)

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 oz./in. width (33.9 N/100mm)	D-3330
Tensile Strength (Break or Yield):	30 lbs./in. width (525.4 N/100mm)	D-3759
Elongation Break or Yield):	135%	D-3759
Backing Thickness:	0.9 mil (.02 mm)	
Total Tape Thickness:	3.6 mils (.091 mm)	D-3652

- General Information**
- Low stretch polyester film for machine, as well as hand application.
 - 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.
 - Solvent clean up of the board is recommended to facilitate subsequent soldering.
 - **Note:** Be sure to follow the manufacturer's precautions and directions for use when using solvents.

Shelf Life To obtain best performance, use this product within 18 months from date of manufacture and store under normal conditions of 60° to 80°F (15° to 27°C) and 50% R.H. in the original carton

- Application Ideas**
- Masking of many printed wiring boards during solder stripping and precious metal plating of fingers.
 - Splicing of silicone treated papers

Features	Features	Advantages	Benefits
	Polyester backing	Reduces stretch and recovery of tape and associated uneven stop-off line	Helps save time and money by reducing number of reject boards
	Thick adhesive coating	Reduces undercutting because adhesive helps block out solutions between fingers	Helps save time and money by reducing reject boards
	Unique adhesive	Tape generally performs better when no ovens are used to heat tape and boards	Helps save energy and labor costs
		Reduces adhesive transfer to printed wiring boards	Helps save time and money by reducing clean up time.
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This Industrial Tape and Specialties Division product was manufactured under a 3M quality system registered to ISO 9002 standards.



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