

Scotch™ brand No. 851 Greenback Printed Circuit Board Tape



Technical Data

SCOTCH BRAND NO. 851 GREENBACK PRINTED CIRCUIT BOARD TAPE

DESCRIPTION: A green polyester film tape with a special conformable adhesive which resists plating bath chemicals.

CONSTRUCTION:

Backing:	Transparent polyester
Adhesive:	Blended silicone and rubber
Color	Translucent green
Standard Roll Length:	144 yards (182 m)

TYPICAL PHYSICAL PROPERTIES: Not Recommended for Specification Purposes

		<u>ASTM METHOD</u>
Adhesion to Steel:	29 oz./in. width (27 N/100mm)	D-3330
Tensile Strength:	21 oz./in. width (368 N/100mm)	D-3759
Elongation at Break:	56%	D-3759
Backing Thickness:	0.9 mils (.02 mm)	D-3652
Total Thickness:	4 mils (.1 mm)	D-3652

GENERAL INFORMATION:

1. This low stretch polyester film can be applied by machine, as well as hand application.
2. Tape must be firmly pressed down by equipment with rubber covered rollers or a rubber covered platen press. Hand rolling usually does not provide enough pressure. A vivid outline of the circuit leads indicates adequate pressure was used.
3. Solvent clean-up of the board is recommended to facilitate subsequent soldering.

POSSIBLE USES:

1. For masking printed circuit boards during solder stripping and precious metal plating of fingers.
2. Splicing of silicone coated papers.

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FEATURES

Polyester backing

Thick adhesive coating

Specially designed
adhesive

ADVANTAGES

Reduces stretch and recovery of tape
and associated uneven stop-off line

Reduces undercutting because
adhesive blocks out solutions between
fingers

Tape generally performs better when
no ovens are used to heat tape and
boards

Reduces adhesive transfer to printed
circuit board

BENEFITS

Saves money by reducing number
of reject boards

Saves money by reducing reject
boards

Saves energy and labor costs

Saves money by reducing clean-up
time

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Litho in USA with 3M offset plates, film and proofing systems.

**3M Industrial Tape
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