

# Scotch™ brand No. 852 Metalized Polyester Tape



## Technical Data

### SCOTCH BRAND NO. 852 METALIZED POLYESTER TAPE

**DESCRIPTION:** A polyester film tape with a thin aluminum coating on the adhesive side and an easy release silicone treated paper liner.

### CONSTRUCTION:

Backing:	Polyester with thin aluminum coat
Adhesive:	Acrylic
Liner:	White silicone treated paper
Color	Silver
Standard Roll Length:	72 yards (66 m)

**TYPICAL PHYSICAL PROPERTIES:** Not Recommended for Specification Purposes

		<u>ASTM METHOD</u>
Adhesion to Steel:	43 oz./in. width (47 N/100mm)	<b>D-3330</b>
Tensile Strength at Break:	26 oz./in. width (456 N/100mm)	<b>D-3759</b>
Elongation at Break:	111%	<b>D-3759</b>
Backing Thickness:	1 mils (.02 mm)	<b>D-3652</b>
Total Tape Thickness:	2.3 mils (.06mm)	<b>D-3652</b>
Moisture Vapor Transmission Rate:	.05 g ms H <sup>2</sup> O/100 sq. in./24 hrs. (.78 g/m <sup>2</sup> /24 hrs.)	

### GENERAL INFORMATION:

1. Storage not recommended to exceed one year under normal conditions at 70°F (21 °C) and 50% R.H.
2. Can be qualified to meet MIL-T-9906 Amend. 1 when laminated with No. 853. Also, can be qualified to meet L-T-100B, Type II.
3. printable by silk screen or flexographic method.

### POSSIBLE USES:

- Die-cut labels
- Decorative applications

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page 2 of 2

## FEATURES

Polyester backing

Easy release liner

## ADVANTAGES

Extremely low MVTR

Ease of handling

## BENEFITS

Reduces product damage caused by moisture

Allows for in-plant die-cutting and decorative striping

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## 3M Industrial Tape Division

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