

Scotch™ brand No. 483 Polyethylene Film Tape



Technical Data

SCOTCH BRAND NO. 483 POLYETHYLENE FILM TAPE

DESCRIPTION: Various colored (transparent, red, blue, white, black, green yellow) polyethylene film with a rubber adhesive that is a good general purpose plastic tape.

CONSTRUCTION:

Backing:	Polyethylene
Adhesive:	Rubber
Color:	Transparent, red, blue, white, black, green, yellow
Roll Length:	36 yards (33m)

TYPICAL PHYSICAL PROPERTIES: Not Recommended for Specification Purposes

		<u>ASTM METHOD</u>
Adhesion to Steel:	13 oz./in. width (14 N/100mm)	D-3330
Tensile Strength: (Break)	10 lbs./in. width (175 N/ 100mm)	D-3759
Elongation: (Break)	290%	D-3759
Backing Thickness:	3.9 mils (.10 mm)	D-3652
Total Tape Thickness:	5.0 mils (.13 mm)	D-3652

APPLICATION CONDITIONS:

Best results obtained when applied to clean, dry surface above 32°F (0°C).

GENERAL INFORMATION:

1. Has low (less than 1000 ppm) sulfur and halogen content (except for green No.483).
2. Tape stretches easily and is very conformable.
3. Polyethylene backing provides good chemical resistance.
4. Remains flexible to -20°F (-29°C) and should not be exposed to temperatures which exceed 170°F (77°C)
5. Vivid colors and smooth backing provide excellent glossy appearance.
6. Black No. 483 removed cleanly from steel and aluminum panels after 2 years outdoor exposure in St. Paul (Tests will continue for a 3 year period).

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POSSIBLE USES:

General sealing of containers
Electroplating/P.C. board masking
Silicone chip holding
Decorative/safety marking/color coding
Nuclear power plant construction – because of low chloride and halogen content
Outdoor applications (black only)

FEATURES

Pigmented polyethylene backing

Special non-staining adhesive

ADVANTAGES

Extremely conformable

Chemical resistant

6 bright, glossy colors

Removes cleanly from most surfaces (testing recommended)

BENEFITS

Ultimate seal

Better protection

Good for decoration and color coding

Less labor

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

3M Industrial Tape Division

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