

Scotch™ brand No. 477 Transparent Plastic Tape



Technical Data

SCOTCH BRAND NO. 477 TRANSPARENT PLASTIC TAPE

DESCRIPTION: A conformable transparent vinyl with a synthetic rubber adhesive. Its thick backing is designed for heavy duty applications, as well as masking and splicing

CONSTRUCTION:

Backing:	Transparent vinyl
Adhesive:	Rubber
Color:	Transparent
Standard Roll Length:	36 yards (33m)

TYPICAL PHYSICAL PROPERTIES: Not Recommended for Specification Purposes

		<u>ASTM METHOD</u>
Adhesion to Steel:	25 oz./in. width (27 N/100mm)	D-3330
Tensile Strength at Break:	24 lbs./in. width (420 N/ 100mm)	D-3759
Elongation at Break:	185%	D-3759
Backing Thickness:	5.8 mils (.15 mm)	D-3652
Total Tape Thickness:	7 mils (.18mm)	D-3652

GENERAL INFORMATION:

1. The best results are achieved when applied to a clean, dry surface not lower than 40°F(5°C). The greater adhesive mass allows somewhat better results on less than ideal conditions.
2. Conformability and dead stretch properties make No.477 ideal for taping or sealing curved and irregular surfaces.
3. A thick backing plus greater adhesive mass makes No.477 ideal for applications calling for abrasion protection and/ or greater instant adhesion.
4. Vulnerable to ketones, chlorinated hydrocarbons and esters that are found in lacquer thinners, degreasers, etc.
5. Avoid using on highly plasticized materials which may result in adhesive softening and subsequent adhesion failure.
6. No. 477 can qualify for Fed. Spec. PPP-T-66C, Amendment 1, Type 1, Class A Trans.

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Page 2

POSSIBLE USES:

- Protection of parts from abrasion
- Electroplating
- Splicing of wresting mats and similar type products
- Mask for hot-air leveling of printed circuit boards

FEATURES

Transparent vinyl backing

Rubber adhesive

ADVANTAGES

Follows contours

Abrasion resistant

High adhesive coating

Chemical resistant

BENEFITS

Better bond

Protects parts from damage-thicker than many other vinyls Better protection

Good instant adhesion
Better abrasion protection

Less clean up effort

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