

# Scotch™ brand No. 472 Plastic Film Tape



## Technical Data

### SCOTCH BRAND NO. 472 PLASTIC FILM TAPE

**DESCRIPTION:** No. 472 is a thick black vinyl film with a pigmented rubber adhesive. Though designed mainly for abrasion protection and outdoor weathering, it is also an excellent general purpose tape.

### **CONSTRUCTION:**

Backing:	Black vinyl
Adhesive:	Pigmented blend of rubbers
Color:	Black
Standard Roll Length:	36 yards (33m)

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

		<u>ASTM METHOD</u>
Adhesion to Steel:	44 oz./in. width (48 N/100mm)	<b>D-3330</b>
Tensile Strength at Break:	30 lbs./in. width (525 N/ 100mm)	<b>D-3759</b>
Elongation at Break:	280%	<b>D-3759</b>
Backing Thickness:	8.75 mil (.22mm)	<b>D-3652</b>
Total Tape Thickness:	10.00 mils (.25mm)	<b>D-3652</b>

### **GENERAL INFORMATION:**

1. Best results achieved when applied to clean, dry surface not lower than 40°F (5°C).
2. Its thick backing makes No. 472 ideal where heavy abrasion is anticipated.
3. Fairly good resistance to plasticizer migration.
4. Begins to soften at 225°F (107°C).
5. Poor resistance to ketones, chlorinated hydrocarbons, and esters.
6. This adhesive will stain some plastic and painted surfaces.

### **POSSIBLE USES:**

Heavy duty protection  
Splicing and patching  
Outdoor weathering applications  
Electroplating  
Dissimilar metal separation  
Sealing barrier films and containers  
Protecting metal from corrosion (above or below ground)

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Page 2

## FEATURES

Heavy duty plastic backing

Special rubber adhesive

## ADVANTAGES

Abrasion resistant

Conformable

Strong

Chemical and weather resistant

Instant adhesion

Good plasticizer migration resistance

## BENEFITS

Provides excellent protection

Excellent for protection and sealing

Good for splicing and patching repairs

Longer application life

Faster application compared to non-taping methods

Longer potential application life

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

## **3M Industrial Tape Division**

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