

# Technical data sheet



Product: 472

Manufacturer: 3M DEUTSCHLAND GMBH

Product group: KLEBEBAND

Article group: EINSEITIG

Download: 21.12.2024

## 3M™ VINYL TAPE 472

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# Technical Data Sheet

## 3M™ Vinyl Tape 472



[Product Details](#)



[Regulatory Info/SDS](#)

### Product Description

3M™ Vinyl Tape 472 is comprised of a heavy duty black vinyl backing with a black pigmented rubber adhesive. The thick vinyl backing makes it ideal for applications requiring both abrasion resistance and the inherent conformability of vinyl. The rubber adhesive has good instant adhesion and sticks well to a variety of surfaces.

### Product Features

- Best results are attained when applied to clean, dry surface at temperatures between 60° to 80°F (16° to 27°C).
- Thick backing is ideal where heavy abrasion is anticipated.
- Temperature resistance to 225°F (107°C).
- Pigmented adhesive will stain some surfaces. Testing by the user is recommended to determine suitability in the proposed application.
- Resists most common solvents, care should be taken to avoid ketones, chlorinated hydrocarbons, and esters, found in lacquer thinners, degreasers, paint strippers, etc. which may cause the backing to swell or curl.
- Can be used in outdoor applications with clean removal from many surfaces up to 6 months.
- Stays on outdoors for up to a year.

### Technical Information Note

The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

### Typical Physical Properties

Attribute Name	Test Method	Value
Color		Black
Adhesive Type		Rubber
Backing		Vinyl
Backing Thickness	ASTM D3652	0.23 mm (9 mil)
Total Tape Thickness	ASTM D3652	0.26 mm (10.4 mil)

### Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	22 °C (72 °F)	2.5 N/cm (23 oz/in) <sup>1</sup>
Elongation at Break	ASTM D3759		270 %
Tensile Strength	ASTM D3759		56 N/cm (32 lb/in)
Long Term Temperature Resistance			107 °C (225 °F) <sup>2</sup>

<sup>1</sup> 12 in/min (300 mm/min)

<sup>2</sup> Long Term (day, weeks)

## Handling/Application Information

### Application Examples

- Heavy duty protection and abrasion resistance.
- Splicing and patching.
- Outdoor sealing, protecting, and marking.
- Dissimilar metal separation.
- Sealing barrier films and containers.
- Sand blast and bead blast overspray protection.

### Storage and Shelf Life

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in the original packaging, out of direct sunlight. For best performance, use this product within 18 months from date of manufacture.

### Available Sizes

Attribute Name	Value
Standard Roll Length	33 m (36 yd)

### Information

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### ISO Statement

This product was manufactured under a 3M quality system registered to ISO 9001 standards.

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