

3M

Vinyl Tape

472

Technical Data

Product Description 3M™ Vinyl Tape 472 is backed with a pigmented rubber adhesive for abrasion protection and many outdoor weathering applications.

| Product Construction | Backing | Adhesive | Color | Standard Roll Length |
|----------------------|---------|------------------|-------|----------------------|
| | Vinyl | Pigmented rubber | Black | 36 yds. (33 m) |

Typical Physical Properties **Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.**

| | | ASTM Test Method |
|----------------------------|----------------------------------|------------------|
| Adhesion to Steel: | 23 oz./in. width (25 N/100 mm) | D-3330 |
| Tensile Strength at Break: | 32 lbs./in. width (560 N/100 mm) | D-3759 |
| Elongation at Break: | 270% | D-3759 |
| Backing Thickness: | 9.0 mils (0.23 mm) | D-3652 |
| Total Tape Thickness: | 10.4 mils (0.26 mm) | D-3652 |
| Temperature Use Range: | Up to 225°F (107°C) | |

- 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 resistance 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.

- Application Ideas**
- Heavy duty protection and abrasion resistance.
 - 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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Storage Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H. in the original carton.

Shelf Life To obtain best performance, use this product within 18 months from date of manufacture.

Product Use All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

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ISO 9001:2000

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards.



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