



# Preservation Sealing Tape 481

## Technical Data

**Product Description** 3M™ Preservation Sealing Tape 481 has a unique rubber adhesive that provides excellent performance as an industrial and military preservation tape.

Product Construction	Backing	Adhesive	Color	Standard Roll Length
	Black polyethylene	Unique rubber formulation	Black	5yds.

## 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:	32 oz./in. width (35 N/100 mm)	D-3330
Tensile Strength:	15 lbs./in. width (260 N/100 mm)	D-3759
Elongation at Break:	510%	D-3759
Backing Thickness:	7.7 mils (0.20 mm)	D-3652
Total Tape Thickness:	9.8 mils (0.25 mm)	D-3652
Water Vapor Transmission Rate:	0.5g H <sub>2</sub> O/100 sq. in./24 hrs. (4g H <sub>2</sub> O/0.065 sq. m/24 hrs.)	D-3833
Temperature Use Range:	20° to 170°F (-7° to 77°C)	

## Features

- Conforms to many irregular surfaces and has excellent stain resistance.
- Effective for many outdoor applications in hot and cold weather over two years with quick, clean removal. Applicable Military Specification: MIL-T-22085 Amendment 3 Type II.
- Polyethylene backing provides good conformability to many surfaces.
- Excellent stain resistance to a variety of surfaces.

## Application Techniques

- Best results are attained when applied to a clean, dry surface at temperatures between 60° to 80°F (16° to 27°C).



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- Application Ideas**
- Seals and protects various types of equipment to be stored by military and industry.
  - Splicing and patching materials used by the construction industry.
  - Can be certified to meet certain low sulfur, low halogen, and low heavy metal requirements for aerospace and nuclear facility preservation.

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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.

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**Shelf Life** To obtain best performance, use this product within 12 months from date of manufacture.