



3M™ Preservation Sealing Tape 4811

Last Revision Date: June, 2010

Product Description

3M™ Preservation Sealing Tape 4811 is a white polyethylene backing with a unique rubber adhesive that provides excellent performance as an industrial preservation tape.

Product Features


- Effective for many outdoor applications in hot and cold weather over one year with quick, clean removal.
- Can be applied from freezing to 120°F (49°C), removed at 0°F (-18°C).
- May be easily dispensed from a hand dispenser.
- White polyethylene backing provides good conformability for many irregular surfaces.
- Blends well with white film covering for a clean, professional and attractive appearance.

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

Property	Values	Additional Information
Backing	Polyethylene	
Adhesive Type	Rubber	
Color	White	
Backing Thickness (mm)	0.18 mm	View
Test Method: ASTM D3652		
Total Tape Thickness (mil)	9.5 mil	View
Test Method: ASTM D3652		
Total Tape Thickness (mm)	0.24 mm	View
Test Method: ASTM D3652		

Backing Thickness	7.5 mil	View 
Test Method: ASTM D3652		
Water Vapor Transmission	1.3 g/m ² /24 hr	View 
Test Method: ASTM D3833		

Typical Performance Characteristics

Property	Values	Additional Information
Tensile Strength	26.3 N/cm	View 
Test Method: ASTM D3759		
180° Peel Adhesion	3.6 N/cm	View 
Test Method: ASTM D3330		
Notes: 12 in/min (300 mm/min)		
180° Peel Adhesion	30 oz/in	View 
Test Method: ASTM D3330		
Notes: 12 in/min (300 mm/min)		
Tensile Strength	240 oz/in	View 
Test Method: ASTM D3759		
Elongation at Break (%)	490 %	View 
Test Method: ASTM D3759		
Long Term Temperature Resistance	77 °C	
Long Term Temperature Resistance	170 °F	

Available Sizes

Property	Values	Additional Information
Standard Roll Length	33 m	
Standard Roll Length	36 yd	

Storage and Shelf Life

Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H. in the original carton.
To obtain best performance, use this product within 18 months from date of manufacture.

Bottom Matter

3M
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Trademarks

3M is a trademark of 3M Company.

Handling/Application Information

Application Examples

Seals and protects various types of industrial and military equipment in shipment and storage.

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/p/d/b40068317/
Safety Data Sheet SDS	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=4811

Family Group

Link Tags:

• [4811](#)

Products	Backing	Adhesive Type	Color	Backing Thickness (mm)	Total Tape Thickness (mm)	Tensile Strength	Long Term Temperature Resistance
4811	Polyethylene	Rubber	White	0.18 mm	0.24 mm	26.3 N/cm	170 °F

ISO Statement

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

Information

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