Technical data sheet



Product: 480

Manufacturer: 3M DEUTSCHLAND GMBH

Product group: **KLEBEBAND**

Article group: **EINSEITIG**

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3M™ POLYETHYLENE TAPE 480

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3M Polyethylene Tape480

Product Description Product Construction	3M TM Polyethylene Tape 480 has a transparent polyethylene backing with a long aging transparent acrylic adhesive. It can be used for splicing and repairing polyethylene sheeting. It is also recommended for sealing and protecting application				
	Backing	Adhesive	Color	Standard Roll Length	Standard Widths
	Transparent polyethylene	Acrylic	Transparent	36 yds. (33 m)	1" (25.4mm), 2" (50.8mm), 3" (76.2mm), 4" (101.6mm) Custom sizes available.
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:		22 oz./in. width (24 N/100 mm)		D-3330
	Tensile Strength:		12 lbs./in. width (210 N/100 mm)		
	Elongation at Break:		520%		D-3759
	Backing Thickness:		4.0 mils (0.10 mm)		D-3652
	Total Tape Thickness:		5.1 mils (0.13 mm)		D-3652
	Temperature Use Range:		20° to 170°F (-7° to 77°C)		
Features	Polyethyler	ne backing pr	ovides good cl	hemical and solve	nt resistance.
	 Extremely conformable for sealing, wrapping, patching and for use on compound curves. 				
	• Water white color, non-yellowing adhesive make repairs less visible.				
	Good abrasion resistance.				
	• Remains flexible to -20°F (-29°C). Prolonged exposure above 170°F (77°C) and ho caustics may cause softening of backing and weaken bond of adhesive to backing.				
	 Best results are attained when applied to a clean, dry surface at temperatures between 60° to 80°F (16° to 27°C). 				

• Excellent seal on smooth, compound, and irregular surfaces.

patching, repairing or protecting.

• Good candidate for limited outdoor exposure applications (< 3 months) such as

3M[™] Polyethylene Tape

480

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.

Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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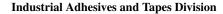
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ISO 9001:2000

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





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