



Co-Extruded Polyethylene Protective Tape (Clear)

25A87•25A88

Technical Data

October, 1996

Product Description A line of co-extruded polyethylene protective tapes which offer enhanced abrasion resistance for the protection of metals, plastics and glass.

Construction	Backing	Adhesive	Colors	Standard Roll Size
	Co-Extruded P.E.	Acrylic	Clear*	48 in. (1200 mm), 60 in (1500 mm), 72 in. (1800 mm) × 1000 ft. (304,8 m) to 5000 ft. (1524 m)
*Contact your local 3M sales representative for additional information on available colors.				

Typical Physical Properties and Performance Characteristics

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

Film Type	Dart Drop	Break Strength	Elongation	Abrasion Resistance
2.0 mil LDPE	88 grams	MD-3.8 psi TD-2.8 psi	MD-200% TD-525%	1538 cycles
3.0 mil LDPE	140 grams	MD-6.1 psi TD-4.6 psi	MD-330% TD-675%	4130 cycles
4.0 mil LDPE	195 grams	MD-8.5 psi TD-6.4 psi	MD-450% TD-830%	4750 cycles
5.0 mil LDPE	250 grams	MD-10.9 psi TD-8.2 psi	MD-480% TD-850%	6975 cycles
2.5A Series	220-240 grams	MD-13.1 psi TD-13.1 psi	MD-600% TD-700%	6500 cycles

Note: The abrasion resistance testing was conducted using ASTM Test Method D-4060 and a taber abrader employing a CS-10 Wheel and 1000 gram auxiliary weights.

ASTM Test Method

Adhesion To PSTC Steel Plate:

25A87	13 oz./in. width (12 N/100mm)	D-3330
25A88	15 oz./in. width (14 N/100mm)	

General Information 25A87 and 25A88 Tapes offer excellent abrasion resistance to help protect many matte finished plastic laminate cops. Cultured marble and many textured plastics and metals from surface damage, such as scratching, abrading, etc., The enhanced elongation properties of the film allow the tapes to be left on during many forming operations where damage may occur. For optimum performance, these tapes should be applied and removed at a temperature not less than 60°F (16°C).

Note: Avoid prolonged exposure to direct U.V. sunlight which may affect the performance of the tape.

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Application Ideas

25A87 – Cultured marble, fiberglass spas, brushed aluminum and steel sheets and coils.

25A88 – Matte finish laminate taps(plastic), textured plastic automotive trim textured metals.

Features

- Greater abrasion resistance vs. many typical thicker gauge films
- High elongation
- Thin gauge backing
- Thin gauge backing

Advantages

- Ease of application
- May be left on through forming without removing
- Allow more linear footage on a roll vs. many typical thicker gauge films
- Can replace many thicker LDPE tapes

Benefits

- Helps reduce cost
- Helps reduce labor
- Helps reduce inventory and cost
- Helps reduce cost

For Additional Information

To request additional product information or to arrange for sales assistance, call toll free 1-800-624-4772. Address correspondence to : 3M/PolyMask, 500 Thornburg Dr., P.O. Box 309, Conover, NC 28613. Our fax number is 704-465-2404 in Canada, phone: 1-800-364-3577. in Puerto Rico, phone:1-809-750-3000.

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ISO 9002

This product was manufactured under a PolyMask quality system registered to ISO 9002 standards.

This product is manufactured by PolyMask Corporation, a joint venture of 3M and Sealed Air Corporation, and cold 3M.



Industrial Tape and Specialties Division

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