



Scotch[®] Tape 2836

High Temperature Masking Tape

Product Data Sheet

Updated : June 2003
Supersedes : July 2001

Product Description

Scotch[™] Tape 2836 is a chamois coloured smooth creped high temperature paper masking tape for both the automotive and the industrial markets.

Physical Properties

Not for specification purposes

Adhesive Type	Controlled cross-linked rubber resin 3M patented synthetic adhesive
Backing	Latex saturated heavy weight smooth creped paper backing
Thickness AFERA 4006	0.170 mm
Tape Colour	Chamois
Shelf Life	12 months from date of despatch by 3M when stored in the original carton at 21°C (70°F) & 50 % Relative Humidity

Performance Characteristics

Not for specification purposes

Adhesion to Stainless Steel AFERA 4001	11 N/25 mm
Tensile Strength AFERA4004	115 N/25 mm
Elongation at Break AFERA4005	10.5 %
Temperature Performance	140° c

Additional Product Information

Satisfactory performance and clean removal of Scotch[™] Tape 2836 will be achieved at varying temperatures/time exposure on many substrates. Tests should be conducted to establish Scotch[™] Tape 2836 performance parameters in your process conditions. The optimum level for product performance and easy removal is at 140 °C for 60 min.

Storage Conditions Store in clean dry place. Temperature of 21 °C and 50 percent relative humidity are recommended.

Applications The excellent temperature performance of 140 °C for one hour of the Scotch™ Tape 2836 allows its use in all automotive paint curing processes, extended baking cycles or repeat bake cycles.

FEATURES	ADVANTAGES	BENEFITS
Latex saturated heavy weight smooth creped paper backing Controlled cross-linked rubber resin patented synthetic adhesive	Excellent solvent resistance	Prevents pain bleed through
	Good water resistance	No re-masking after wet sanding
	Smoothness	Suitable for use with water based paints
	Excellent edge tear resistance	Reduces finger abrasion
	Excellent conformability	Prevents tearing in narrow curves or on difficult surfaces
	Excellent sliver resistance	Good curve masking
	Easy hand tear	Good handling
	Paint flaking resistance	Good finished surface
	Excellent initial tack	Easy to apply
	Excellent holding power	Resists lifting even in repeat bake cycles
	Good adhesive transfer resistance	Clean removal
	Infrared resistance	Multi usable
	Controlled unwind	Easy handling

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Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications. This is because 3M cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations.



Tapes & Adhesives

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