



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.

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| 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 |

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| 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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