

Scotch[®]O

High Temperature Masking Tape 3636

Product Data Sheet

Updated : July 2000
Supersedes : November 1998

Product Description Scotch[®] Tape 3636 is a blue coloured smooth creped high temperature paper masking tape for the industrial market.

Applications The excellent temperature performance of 140 °C for one hour of the Scotch[®] Tape 3636 allows its use in all industrial processes and paint applications, extended baking cycles or repeat bake cycles.

Physical Properties
Not for specification purposes
(Calipers are nominal values)

Backing	Latex Saturated Heavy Weight Smooth Creped Paper
Adhesive	Controlled Crosslinked Rubber Resin
Colour	Blue
Shelf Life	12 months from date of manufacture by 3M when properly stored in a clean dry place at 21°C & 50 % Relative Humidity.

Product Characteristics
Not for specification purposes

Thickness AFERA4006	0.170 mm
Adhesion to Steel AFERA4001	10 N/25mm
Tensile Strength AFERA4004	115 N/25mm
Elongation AFERA4005	10.5%
Temperature Performance	140°C / 30 min Satisfactory performance and clean removal of Scotch [®] Tape 3636 will be achieved at varying temperatures/time exposure on many substrates. Tests should be conducted to establish Scotch [®] Tape 3636 performance parameters in your process conditions. The optimum level for product performance and easy removal is at 140 °C for 60 min.

Date : July 2000
 Scotch® High Temperature
 Masking Tape 3636

Features/Advantages/ Benefits	Features	Advantages	Benefits
	Latex Saturated Heavy Weight Smooth Creped Paper Backing	Excellent Solvent Resistance	Prevents Paint Bleed Through
		Good Water Resistance	No re-masking after wet sanding
		Smoothness	Suitable for use with water based paints
		Excellent Edge Tear	Reduces Finger Abrasion
		Excellent conformability	Prevents tearing in narrow curves or on difficult surfaces
		Excellent Sliver Resistance	Good curve masking
		Easy Hand Tear	Easy removal
		Paint Flaking Resistance	Good Handling
	Controlled Crosslinked Rubber Resin Adhesive	Excellent initial tack	Good Finished Surfaces
		Excellent holding power	Easy to apply
		Good adhesive transfer resistance	Resists lifting even in repeat bake cycles
		Infrared resistance	Clean removal
		Controlled unwind	Multi-use
			Easy Handling

3M and Scotch are trademarks of the 3M Company.

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

© 3M United Kingdom PLC 1996

3M United Kingdom PLC
 3M House,
 28 Great Jackson Street,
 Manchester,
 M15 4PA

Product Information :
 Tel 0870 60 800 50
 Fax 0870 60 700 99

3M Ireland
 3M House, Adelphi Centre,
 Upper Georges Street,
 Dun Laoghaire, Co. Dublin,
 Ireland

Customer Service :
 Tel (01) 280 3555
 Fax (01) 280 3509