



250 Flatback Masking Tape

Product Data Sheet

Updated : March 1996
Supersedes : November 1993

Product Description Flatback masking tape designed for a wide variety of bundling and holding applications where a stronger paper backing is needed.

Physical Properties
Not for specification purposes

Adhesive Type	Rubber	
Backing	flat stock paper	
Thickness (ASTM D-3652)	150 µm	
Backing Thickness	120 µm	
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 ASTM D-3330	7.1 N/10mm	
Tensile Strength ASTM D-3759	98.5 N/10mm	
Elongation at Break ASTM D-3759	3 %	
Temperature Performance Maximum	121 °C	

Additional Product Information

The adhesive on this tape is aggressive, and has exceptional holding ability to a wide variety of surfaces.

The backing has good solvent resistance for paint masking if a tape of this strength is required.

250 is not recommended for outdoor use.

This tape will generally perform satisfactorily on painted metal surfaces at temperatures up to 250°F (121°C) for about 30 minutes.

Not recommended to exceed six months of storage under normal conditions.

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Application Techniques	Best results are attained when applied to a clean, dry and non dusty surface above 0°C.	To improve adhesion ensure firm and even application pressure is applied.	
Applications	250 is designed for holding, bundling and wrapping applications. It is also used for straight line paint masking, for splicing and for protecting.		
Storage Conditions	Store in a clean, dry place. Store at room temperature (70°F or 21°C)	Store at 40 - 50% relative humidity. Rotate your stock.	
	Features	Advantages	Benefits
	Rubber adhesive.	Good holding power.	Less tape required for holding and splicing.
	Treated flat stock paper.	Good tensile.	Resists breakage/less rework.
		Solvent and moisture barrier.	Reduced bleed through/less rejects.
		Thinness.	Sharp straight paint line/ quality job.
	Exclusive backsize treatment.	Controlled unwind.	Easier to use/less waste.
Specifications	250 can be qualified for PPP-T-42C, Type II.		

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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.



Specialty Tapes & Adhesives

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