1290 Fume Protection Tape

Product Data Sheet

Updated : March 1996
Supersedes : November 1993

Product Description

A polyester tape designed specifically to protect large areas of circuit boards.

Physical Properties
Not for specification purposes

Adhesive Type	Rubber	
Backing	Polyester	
Thickness (ASTM D-3652)	50 µm	
Tape Colour	Translucent Blue	
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	2.1 N/10mm	
Tensile Strength ASTM D-3759	45.5 N/10mm	
Elongation at Break ASTM D-3759	128 %	

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Additional Product Information	Avoid direct sunlight exposure which causes adhesion build-up.	Adhesion level increases with age.	High temperatures and stacking pressures increase the rate of adhesion build-up.
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	Protection of fumes and splash during plating processes on upper portion of printed circuit boards.		

	FEATURES	**ADVANTAGES**	**BENEFITS**
	Transparent backing.	Allows inspection without tape removal.	Saves money on reworks.
	High stretch backing.	Withstands most forming operations.	Saves money on reworks.
	Abrasion resistant backing.	Resists tearing during forming.	Reduces labour cost.

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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.

3M

Specialty Tapes & Adhesives

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