

Product Description

7170N is a polyimide film, single-coated tape with silicone adhesive.

Performance Features

Dimensionally stable at high temperatures.
 Flame retardant and chemical resistant.
 Excellent heat, cold, solvent and voltage resistance.
 Excellent insulation.

Applications

Serves as a mask for printed circuit boards during wave solder or solder dip process.
 Protects specific areas of a PCB.
 Insulates the parts of aircraft trains and special electronic components.

Technical information

	<i>Typical Values</i>	<i>Tolerance</i>	<i>Test Method</i>
Backing Thickness (mm)	0.025	0.023-0.029	ASTM D3652
Adhesive Thickness (mm)	0.04	0.035-0.046	ASTM D3652
Total Thickness (mm)	0.065	0.06-0.071	ASTM D3652
Adhesion to Steel (N/25mm)	6.37	5.29-7.45	ASTM D3330
Tensile Strength (N/25mm)	122.57	> 102.96	ASTM D3759
Elongation (%)	63	45-80	ASTM D3759
Insulation Class (°C)	200	200	UL H
Dielectric Breakdown (kV)	6.2	> 5	ASTM D149
Colour	Amber		

Storage Conditions

To maintain optimum performance, products should be stored in original packing with box closed to protect from dust. Boxes should be stored in a clean, dry and well ventilated area preferably between 15°C to 25°C and 50% relative humidity.

Important: The performance of all adhesive products is affected by many factors: heat, humidity, type of substrate, texture, inks used, and application technique. Our suggestions and recommendations concerning the use and application of our products are based on tests we believe are reliable. However, the purchaser must test the suitability of our products for his intended use under his own operating conditions. American BilTRite Inc. Assumes no liability for claims beyond the replacement value of any defective products, and is no way for consequential or incidental damages. These products are not suitable for prolonged outdoor exposure.



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 EXCELLENCE THROUGH QUALITY

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