



PERFORMANCE GUIDE

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PRODUCT: MACbond[®]
IB-2100

(Preliminary)

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PRODUCT DESCRIPTION

IB-2100 consists of a thin polyester film coated on both sides with a high performance acrylic based pressure sensitive adhesive. The product is supplied self-wound on a densified, semi-bleached kraft liner.

IB-2100 is typically used for industrial bonding applications where outstanding adhesion, high shear and good solvent resistance are required. The acrylic adhesive offers good clarity and has excellent resistance to U.V. light exposure. The polyester carrier provides excellent dimensional stability and die cutting properties.

<u>PHYSICAL PROPERTIES</u>	<u>TYPICAL VALUES*</u>		<u>TEST METHOD</u>
	<u>Unwind</u>	<u>Liner</u>	
Quick Tack , lbs./sq. in. Stainless Steel	4.5	3.5	CTM - 25
Peel Adhesion , lbs./in. Stainless Steel - 30 minutes	4.0	4.0	PSTC - 3
Shear , Hours to Fail Stainless Steel - 1000 g/sq. in. @ 72°F.	300+	300+	PSTC - 7
Tensile , lbs./in. MD CD	10 10		ASTM D-882
Elongation , % MD CD	100 90		ASTM D-882
Thickness , inches Carrier plus adhesive	.0052		
Temperature Range Guidelines Application: End Use:	Above 50°F. (10°C.) for best results. 0°F. to 250°F. (-18°C. to 121°C.)		

CHEMICAL RESISTANCE

Resistant to water, detergent and alcohol, aliphatic and some aromatic hydrocarbons. Not recommended for use in contact with solvents such as ketones, esters and some chlorinated hydrocarbons.

SHELF LIFE

Two years when stored at 75°F. (24°C.) and 50% relative humidity or less.

** Values given are typical and are not necessarily for use in specifications. T & E values are for the carrier only. Product reinforced with 2 mil polyester during adhesion tests.*

Telephone Number 800 321 0011

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