



PERFORMANCE GUIDE

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PRODUCT: MACbond
IB-1178/1179 (54" / 60" wide)

Version: 1 Approved: WEJ Date: 11/2003

PRODUCT DESCRIPTION

IB-1178/1179 consists of a thin polyester film coated on both sides with an aggressive, general purpose, rubber based pressure sensitive adhesive. The product is supplied self-wound on a densified, semi-bleached kraft liner.

IB-1179 was designed for general purpose bonding applications to relatively smooth surfaces. Typically, it can be used for bonding to paper, metal, plastics, and most low or unplasticized substrates. It has an excellent balance of economy versus performance. The polyester carrier provides dimensional stability and superior 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	10.0	10.0	CTM - 25
Peel Adhesion , Lbs./in. Stainless Steel - 30 minutes	8.0	8.0	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		.0029	
Temperature Range Guidelines			
Application:	Above 50°F (10°C) for best performance.		
End Use:	0°F to 150°F (-18°C to 66°C)		

CHEMICAL RESISTANCE

Resistant to water, detergent and alcohol. Not recommended for use in contact with aliphatic or aromatic 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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