



# PERFORMANCE GUIDE

**MACbond**  
Versatile Performance. Rubber

Version: 1  
Approved: JNP  
Date: 6/2015

**PRODUCT NAME:** IB1178XT/IB1178XTW60

### PRODUCT DESCRIPTION

IB1178XT consists of .5mil PET carrier coated on both sides with 1.2mils of aggressive rubber-based pressure sensitive adhesive. This tape is supplied self-wound on C2S 60# White SCK liner.

IB1111XT was designed for general-purpose bonding applications on semi-smooth surfaces in the gasket, seal and trim markets. Typically used for bonding to foams, paper, metal, plastics and most low or unplasticized substrates.

### PRODUCT CONSTRUCTION

**Carrier:** 0.5mil clear PET  
**Adhesive:** 1.2mils aggressive rubber-based adhesive.  
**Liner:** 60# SCK C2S Release Liner – Medium Release  
**Web Width:** **IB1178XT:** 54" **IB1178XTW60:** 60"

### PHYSICAL PROPERTIES

*Values given are typical and not for use in specifications*

Performance Test	Unit of Measure	Typical Values		Testing Method
		Unwind	Liner	
Quick Tack -Stainless Steel	lbs./in <sup>2</sup>	12.0	12.0	PSTC – 16 – Method A
<b>180° Peel Stainless Steel</b> 30 minute dwell @ 72°F	lbs./in width	12.0	12.0	PSTC – 101 – Method A
<b>Shear 1,000 gms @ 72°F</b> 5 Lbs. @ 72°F	Hours	500+ 200+	500+ 200+	PSTC – 107 – Method A
<b>Tensile</b>				
MD	lbs./in <sup>2</sup>	10	10	ASTM – D882
CD		10	10	
<b>Elongation</b>				
MD	percent %	100	100	ASTM – D882
CD		90	90	
<b>Thickness</b>				
Unwind Adhesive	inches	.0012		
Carrier		.0005		
Liner-Side Adhesive		.0012		
Total		.0029		

\* Tensile and Elongation values are for the carrier only.  
\* Product reinforced with 2 mil PET during adhesion tests.

### **TEMPERATURE RANGE**

Application: Above 50°F (10°C) for best performance  
End Use: 0°F to 180°F (-18°C to 82°C)

### **CHEMICAL RESISTANCE**

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

### **SHELF LIFE**

Two year shelf life when stored at 75°F. (24°C.) and 50% relative humidity or less. It is recommended that the product be stored in its original package until ready to use.

CALL **1-800-255-9733** for additional product information

**IMPORTANT NOTICE:** The information given and recommendations made herein are based on our research and are believed to be accurate. In every case, user shall determine before using any product in full scale production, whether such product is suitable for their particular purpose under their own operating conditions. User assumes all risk and liability whatsoever in connection with their use of any product. The products discussed herein are sold without any warranty as to merchantability or any other warranty, expressed or implied. No representative of ours has any authority to waive or change the foregoing provisions unless in a specific agreement signed by the officers of seller and manufacturer. Ultimately, sellers and manufacturers only obligation shall be to replace or credit such quantity of the product proved to be defective at its discretion.

™ Trademark of Morgan Adhesives Company LLC

® Registered Trademark of Morgan Adhesives Company LLC

[www.Mactac.com](http://www.Mactac.com)

