

# **PERFORMANCE GUIDE**

# CB1100-60 Double Coated Tape

Version: 3 Date: 10/2023 Approved by: SRS

**CleanBond™ LOW VOC Adhesive** 

# Product Description

CB1100-60 consists of a .5mil PET carrier coated on both sides with 1.2 mils of an aggressive, non-VOC hotmelt rubber pressure sensitive adhesive. The adhesive is protected by a two-side silicone 60# white SCK paper liner. This product is designed for applications that benefit from an aggressive, LSE adhesive with no VOCs'.

## **Product Construction**

- Carrier: 0.5 mil PET
- Adhesive: 1.2 mils LV790 Rubber
- Liner: 60# White SCK
- Web Width: 54"



## **Features**

- Aggressive rubber adhesive
- Excellent shear strength
- Non-VOC
- Cost effective liner

## **Benefits**

- High initial tack and adhesion
- Excellent to wide variety of materials
- Excellent adhesion to LSE surfaces
- Excellent handling and diecutting.

## **Applications**

- Insulation and Shielding
- Wire harnessing
- Thermal Interface Materials
- Foam bonding applications
- Fabric & Textile bonding

CB1100-60 Physical Properties			
Thickness	Mils CB1100-60		
Adhesive	1.2/1.2		
Carrier	0.5		
Liner	3.6		
Total Thickness	6.5		
Performance Test	Test Method	Typical Values	
Loop tack	PSTC-16-Method A	Lbs./in.	Oz/in.
Stainless Steel	Backed with 2 mil PET	12.0	192
Peel Adhesion - 180° 2 mil PET Backed	PSTC-101-Method A	Lbs./in.	Oz/in.
30 minute dwell	Stainless Steel	12.0	192
Dielectric Strength	ASTM D 149-20	kV/mm	
Peak Voltage		43.6	
Shear	PSTC-107-Method A	Hours to Fail	
1 kg weight	72°F	500+	
5 kg weight	72°F	300+	
Tensile	ASTM-D882	Lbs./in.	Oz./in.
MD/CD		10	160
Elongation	ASTM-D882	%	
MD		100	

Values given are typical and not for use in specification

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Foam Bonding Performance				
Substrate	Application Method	Result		
EPDM	Room Temp with 50% compression	Strong Adhesion		
Nitrile PVC	Room Temp with 50% compression	Foam Destruction		
EVA Blend	Room Temp with 50% compression	Foam Destruction		
Polyether polyurethane Foam	Room Temp with 50% compression	Foam Destruction		
NBR-PVC	Room Temp with 50% compression	Foam Destruction		

• Custom liners, thicknesses, and widths available upon request

#### SERVICE TEMPERATURE

Application:Above 50°F (10°C) for best performanceEnd Use:-40°F to 180°F (-40°C to 82°C) depending on laminate construction and end use application

#### **APPLICATION DETAILS**

For best performance surfaces must be clean, dry and free of any oil, grease or other contaminant.

#### 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 1-800-328-2619 for additional product information

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