

## CF1091-78 Double Coated Tape CleanBond™ LOW VOC Adhesive

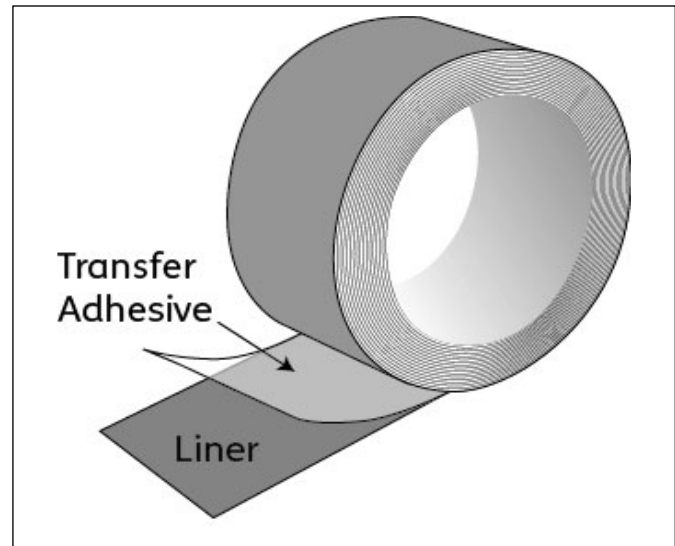
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Approved by: SRS

### Product Description

CF1091-78 is a 1.8 mil thick film of non-VOC hotmelt rubber pressure sensitive adhesive. The adhesive is protected by a two-side silicone coated 72# white polycoated liner. This product is designed for applications that benefit from an aggressive, LSE adhesive with no VOCs'.

### Product Construction

- **Carrier:** NA
- **Adhesive:** 1.8 mils LV790 Rubber
- **Liner:** 78# White PCK
- **Web Width:** 60"



### Features

- Aggressive rubber adhesive
- Excellent shear strength
- Non-VOC
- Robust 78# SCK liner

### Benefits

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

### Applications

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

<b>CF1091-78 Physical Properties</b>			
<b>Thickness</b>	<b>Mils</b>		
	<b>CF1091-78</b>		
Adhesive	1.8		
Liner	4.7		
Total Thickness	6.5		
<b>Performance Test</b>	<b>Test Method</b>	<b>Typical Values</b>	
<b>Loop tack</b>	<b>PSTC-16-Method A</b>	<b>Lbs./in.</b>	<b>Oz/in.</b>
Stainless Steel	Backed with 2 mil PET	12	192
<b>Peel Adhesion - 180° 2 mil PET Backed</b>	<b>PSTC-101-Method A</b>	<b>Lbs./in.</b>	<b>Oz/in.</b>
30 minute dwell	Stainless Steel	12	192
24 hour dwell	Stainless Steel	12	192
<b>Dielectric Strength</b>	<b>ASTM D 149-20</b>	<b>kV/mm</b>	
Peak Voltage		36.0	
<b>Shear</b>	<b>PSTC-107-Method A</b>	<b>Hours to Fail</b>	
1 kg weight	72°F	500+	
5kg weight	72°F	300+	

Values given are typical and not for use in specifications

<b>Foam Bonding Performance</b>		
<b>Substrate</b>	<b>Application Method</b>	<b>Result</b>
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

#### SERVICE TEMPERATURE

Application: Above 50°F (10°C) for best performance  
 End 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.

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