



PERFORMANCE GUIDE

CF1093-78 Double Coated Tape CleanBond™ LOW VOC Adhesive

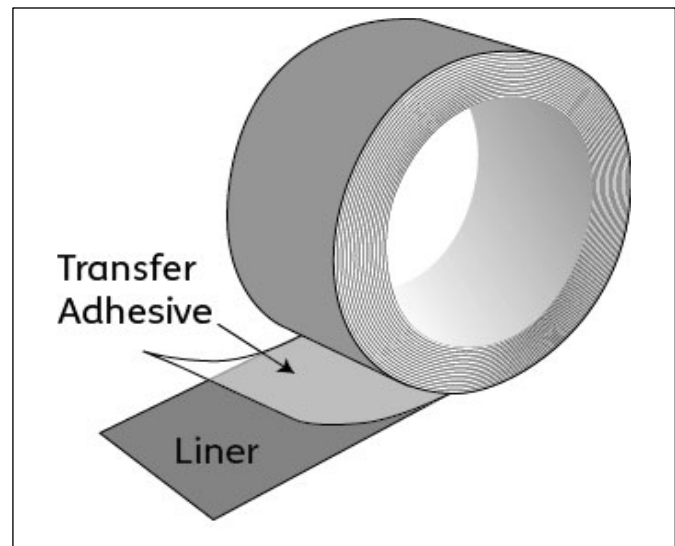
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Product Description

CF1093-78 is a 2.6 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:** 2.6 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

CF1093-78 Physical Properties			
Thickness	Mils CF1093-78		
Adhesive	2.6		
Liner	4.7		
Total Thickness	7.3		
Performance Test	Test Method	Typical Values	
Loop tack	PSTC-16-Method A	Lbs./in.	Oz/in.
Stainless Steel	Backed with 2 mil PET	12	192
Peel Adhesion - 180° 2 mil PET Backed	PSTC-101-Method A	Lbs./in.	Oz/in.
30 minute dwell	Stainless Steel	12	192
24 hour dwell	Stainless Steel	12	192
Dielectric Strength	ASTM D 149-20	kV/mm	
Peak Voltage		36.0	
Shear	PSTC-107-Method A	Hours to Fail	
1 kg weight	72°F	500+	
5kg weight	72°F	300+	

Values given are typical and not for use in specifications

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

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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