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### TEST REPORT

PRODUCT: **FBD 8970 12 PT BD**  
SUPPORT: **PEU FOAM**  
SUBSTRATE: **ABS**  
CERT NO.: **230103 - 1013**



**DELPHI SD2-324**  
OEM Rev Date: May 08  
Pressure Sensitive Adhesives for HVAC Sealing Applications  
Classification Requirements  
4.3 Permanent Bond Adhesive

#### TAPE REQUIREMENTS:

SECTION:	Specification	Results	Status
<b>3.3 Service Temperature</b>			
3.3.1, Service Temp, Permanent Bond, 96 hrs @ -40°C	<b>No Adhesion Loss or Separation</b>	Good, Stable, No Lifting	<b>Pass</b>
3.3.1, Service Temp, Permanent Bond, 96 hrs @ 93°C	<b>No Adhesion Loss or Separation</b>	Good, Stable, No Lifting	<b>Pass</b>
<b>3.4 Humidity</b>			
3.4, Humidity, 50 hrs @ 38°C / 95% RH	<b>No Adhesion Loss, Discoloration or Softening</b>	Stable, No Lifting or Visible Change	<b>Pass</b>
<b>3.5 Objectionable Odor</b>			
3.5, Service Temperature, 1 hr @ 93°C	<b>2 or Less Rating</b>	1	<b>Pass</b>
3.5, Service Temperature, 1 hr @ 93°C, 1 hr @ RT	<b>2 or Less Rating</b>	0	<b>Pass</b>
<b>3.6 Fogging, Oil Bath</b>			
3.6, 6 hrs @ 85°C, 21°C Cooling, 16 hrs @ RT	GM 9305P 92 <b>60 Units</b>	100.0	<b>Pass</b>
<b>3.7 Creep</b>			
3.7, Creep, Ambient, 3.5 hrs @ 23°C	<b>No Slip</b>	No Slip	<b>Pass</b>
<b>4.3.1.1 Peel Test</b>			
4.3.1.1 (A), Peel Test, As Bonded @ RT	GMW 14124 10 <b>600 N / m</b>	863.8	<b>Pass</b>
4.3.1.1 (B), Peel Test, 72 hrs @ 93°C	<b>350 N / m</b>	1179.6	<b>Pass</b>
4.3.1.1 (C), Peel Test, 24 hrs @ -40°C	<b>350 N / m</b>	875.5	<b>Pass</b>
4.3.1.1 (D), Peel Test, 48 hrs @ 38°C / 95% RH	<b>350 N / m</b>	1134.6	<b>Pass</b>
4.3.1.1 (E), Peel Test, 800 hrs @ 93°C	<b>350 N / m</b>	1856.1	<b>Pass</b>
<b>4.3.1.2 Static Shear</b>			
4.3.1.2, Static Shear, Ambient, 6 hrs @ 23°C	<b>No Slip</b>	No Slip	<b>Pass</b>
<b>4.3.1.3 Tensile Elongation *</b>			
4.3.1.3, Static Shear, Tensile, PET Only	ASTM D882-10* <b>1750 N / m</b>	2805.0	<b>Pass</b>
4.3.1.3, Static Shear, Elongation, PET Only	<b>60 %</b>	115.0	<b>Pass</b>

CERTIFIED BY:   
**Dave Nichols Jr, Automotive Lab Technician**

ISSUE DATE: 1-1-24

Materials tested to OEM requirements @ 72°F +/- 2°F and 50% RH +/- 5%. Test uncertainty and minor exclusions are available online or upon request.  
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Status opinion based upon measurements obtained by personnel with appropriate training and professional experience.  
This laboratory is not accredited for the calibrations or tests marked \*.