



250 Chester Street
 Painesville, Ohio 44077
 Phone: 866-GO-AVERY (866-462-8379)
 Fax: 888-358-4469
 email: psa.tape@averydennison.com
 URL: tapes.averydennison.com

TEST REPORT

PRODUCT: FBD 8970 12 PT BD
 SUPPORT: PEU FOAM
 SUBSTRATE: PP
 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
3.3 Service Temperature			
3.3.1, Service Temp, Permanent Bond, 96 hrs @ -40°C	No Adhesion Loss or Separation	Good, Stable, No Lifting	Pass
3.3.1, Service Temp, Permanent Bond, 96 hrs @ 93°C	No Adhesion Loss or Separation	Good, Stable, No Lifting	Pass
3.4 Humidity			
3.4, Humidity, 50 hrs @ 38°C / 95% RH	No Adhesion Loss, Discoloration or Softening	Stable, No Lifting or Visible Change	Pass
3.5 Objectionable Odor			
3.5, Service Temperature, 1 hr @ 93°C	2 or Less Rating	1	Pass
3.5, Service Temperature, 1 hr @ 93°C, 1 hr @ RT	2 or Less Rating	0	Pass
3.6 Fogging, Oil Bath			
3.6, 6 hrs @ 85°C, 21°C Cooling, 16 hrs @ RT	GM 9305P 92 60 Units	100.0	Pass
3.7 Creep			
3.7, Creep, Ambient, 3.5 hrs @ 23°C	No Slip	No Slip	Pass
4.3.1.1 Peel Test			
4.3.1.1 (A), Peel Test, As Bonded @ RT	GMW 14124 10 600 N / m	719.7	Pass
4.3.1.1 (B), Peel Test, 72 hrs @ 93°C	350 N / m	790.9	Pass
4.3.1.1 (C), Peel Test, 24 hrs @ -40°C	350 N / m	918.1	Pass
4.3.1.1 (D), Peel Test, 48 hrs @ 38°C / 95% RH	350 N / m	987.0	Pass
4.3.1.1 (E), Peel Test, 800 hrs @ 93°C	350 N / m	548.6	Pass
4.3.1.2 Static Shear			
4.3.1.2, Static Shear, Ambient, 6 hrs @ 23°C	No Slip	No Slip	Pass
4.3.1.3 Tensile Elongation			
4.3.1.3, Static Shear, Tensile, PET Only	ASTM D882-10 1750 N / m	2805.0	Pass
4.3.1.3, Static Shear, Elongation, PET Only	60 %	115.0	Pass

CERTIFIED BY:
 Dave Nichols Jr, Automotive Lab Technician

ISSUE DATE: 1-1-25

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 *.