

250 Chester Street

Painesville, Ohio 44077

866-GO-AVERY (866-462-8379) Phone:

Fax: 888-358-4469

psa.tape@averydennison.com email: LJF

3.4.1 Odor, Condition 1 - 24 hrs @ RT, Deionized Water

3.4.2 Odor, Condition 2 - 24 hrs @ 40°C, Deionized Water

Physical Properties

SECTION: 3.8

FORD WSS-M99P32-E1

PRODUCT:

SUPPORT:

CERT NO .:

SUBSTRATE:

OEM Rev Date: Mar 22



Status

Not Tested

Not Tested

Pass

Status

URL: tapes.averydennison.com	Performance, Acoustical And Insulators, Interior Assemblies Horizontal or Vertical Parts Above the Belt Line - Pillars; upper quarter panels; hard instrument panels		
TAPE REQUIREMENTS:			
SECTION: 3.3 Weight	<u>Specification</u>	Results	<u>Status</u>
3.3.1 Weight per Unit Area (Non-Foams)	Reported g/m ²	793.4	Reported
SECTION: 3.4 Odor*	Specification ISO 3795	Results	Status

TEST REPORT

FT 1126

3 MM FELT

240823 - 0747

3 Max Rating Not Tested **Not Tested** 3.4.3 Odor, Condition 3 - 2 hrs @ 65°C SECTION: 3.5 Fogging Specification SAE J1756 Results **Status** 3.5, 3 hrs @ 100°C, 21°C Cooling, 16 hrs @ RT > 70 Units 100.4 **Pass**

3 Max Rating

3 Max Rating

SECTION: 3.6 Flammability **Specification** ISO 3795 Results Status 3.6, Initial, Component < 100 mm / min SE **Pass**

Resistance To Mildew* SECTION: 3.7 **Specification** 3.7.1, 7 Days @ 38°C / 98% RH

Evaluation Status No Significant Odor or Mold Growth No Evidence of Mildew Growth, Objectionable Odor or Separation **Pass**

Results

Mode

Results

Not Tested

Not Tested

SECTION: 3.7.2 Environmental Testing 3.7.2.1, Short Term Environmental Cycling **Specification** FLTM BO 040-01 A* (c) **Evaluation Status** 5 hrs @ -30°C No Wrinkling, Good, Stable, No Ooze, Odor, Warping or Lifting **Pass** Blistering, Warping, 30 mins @ RT Good, Stable, No Ooze, Odor, Warping or Lifting Pass Staining, Odor or Delamination 5 hrs @ 80°C Good, Stable, No Ooze, Odor, Warping or Lifting **Pass** Good, Stable, No Ooze, Odor, Warping or Lifting 30 mins @ RT **Pass** 2 hrs @ 50°C / 95% RH Good, Stable, No Ooze, Odor, Warping or Lifting **Pass** 30 mins @ RT Good, Stable, No Ooze, Odor, Warping or Lifting Pass 5 hrs @ -30°C Good, Stable, No Ooze, Odor, Warping or Lifting **Pass** Good, Stable, No Ooze, Odor, Warping or Lifting 30 mins @ RT **Pass** 5 hrs @ 80°C Good, Stable, No Ooze, Odor, Warping or Lifting **Pass**

3.7.2.2, Long Term Environmental Cycling, 7 Days @ 80°C FLTM BO 040-01 B* (c) Good, Stable, No Ooze, Odor, Warping or Lifting

3.8.1, Original Breaking Strength 35 N/In min 131.1 TEAR Pass SECTION: 3.8 Climate Control Applications **Specification** ASTM D5034* (d) Results Mode % Change Status 3.8.1.1, Change After Short Term 3.7.2.1 Aging 144.5 10% Reported < 30 % Change TEAR 3.8.1.2, Change After Long Term 3.7.2.2 Aging < 30 % Change 147.4 TEAR 12% Reported

ASTM D5034* (d)

Specification

Specification SECTION: 3.8.2 Tear Resistance (Foam Materials Only) ASTM D3574 F* (e) Results **Status** 3.8.2, Finished Part, Tear Resistance (Foam Materials Only) Not Applicable Not Applicable Reported N/m

SECTION: 3.8.3 Compression Force Deflection Test (Foam Materials Only)

Status Compression Force Deflection Test (Foam Materials Only) Not Applicable 250 mm (10 in) Not Applicable 3.8.3.1, Finished Part, Compression Force Deflection

SECTION: 3.8.4 Constant Deflection Compression Set Test* (Floor Foam Materials Only) Results Status Not Applicable 3.8.4.1, Original Breaking Strength Report Value % Not Applicable Not Applicable 3.8.4.2, Change After Short Term 3.7.2.1 Aging < 40 % Change Not Applicable 3.8.4.3, Change After Long Term 3.7.2.2 Aging < 10 % Change Not Applicable Not Applicable

SECTION: 3.8.5 Peel Strength (Laminates Only) **Specification** FLTM BN 151-05* (f) Results **Status** 3.8.5, Peel Strength (Engine and Underbody Laminates Only) 6 N / 50 mm min 8.5 **Pass**

SECTION: 3.8.6 Moisture Absorption* **Specification** Results Status 3.8.6, Suspended 24 hrs @ 38°C / 95% RH 0.2 30 % max **Pass**

SECTION: 3.9 Adhesion Strength (PSA Tapes for NVH only) **Specification** ASTM D1000 FLTM **Evaluation Status** Results 300 N/m - No Adhesion Failure 1927.9 3.9.1 Original No Lifting or Appearance Changes **Pass** 3.9.2 After Short Term Environmental Cycling 225 N/m - No Adhesion Failure 2118.7 No Lifting or Appearance Changes **Pass** 3.9.2 After Long Term Environmental, 168 hrs @ 100°C 225 N/m - No Adhesion Failure 2192.2 No Lifting or Appearance Changes **Pass**

CERTIFIED BY: ISSUE DATE: 1-1-24

David Nichols II. Automotive Lab Technician

TEST REPORT



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PRODUCT: FT 1126
SUPPORT: 3 MM FELT
SUBSTRATE: TPO

CERT NO.: 240823 - 0747

FORD WSS-M99P32-E1

OEM Rev Date: Mar 22

Performance, Acoustical And Insulators, Interior Assemblies

Horizontal or Vertical Parts Above the Belt Line - Pillars; upper guarter panels; hard instrument panels

TEST METHOD EXPLANATION:

SECTION: 3.4 Odor*

ISO 3795

*(a) Test performed by accredited personnel. Due to the nature of this test, accreditation to the specific test method has not been deemed necessary or desired (subjective)

SECTION: 3.5 Fogging

SAE J1756 is called out on our Scope

SAE J1756

ISO 3795

SECTION: 3.6 Flammability

*(b) ISO 3795 is technically equivalent to FMVSS 302. Our lab scope includes FMVSS 302, which was used.

SECTION: 3.7.2 Environmental Testing

FLTM BO 040-01 A* (c)

*(c) FLTM BO 040-01 A is outside of our scope however we are accredited to perform environmental simulations under Customer Specifications and ASTM D4332 which are listed on our scope.

SECTION: 3.7.2 Environmental Testing

FLTM BO 040-01 B* (c)

*(c) FLTM BO 040-01 B is outside of our scope however we are accredited to perform environmental simulations under Customer Specifications and ASTM D4332 which are listed on our scope.

Adhesion per ASTM D1000 has been added per Mat Spec drawing callouts

SECTION: 3.8 Physical Properties

ASTM D5034* (d)

*(d) ASTM D5034 is outside of our scope however we are accredited to perform CRE (constant rate of extension) tests, ASTM D1000 and ASTM D3300 which are listed on our scope.

SECTION: 3.8.2 Tear Resistance (Foam Materials Only)

ASTM D3574 F* (e)

This test is not applicable to the substrate involved.

SECTION: 3.8.3 Compression Force Deflection Test (Foam Materials Only)

This test is not applicable to the substrate involved.

SECTION: 3.8.4 Constant Deflection Compression Set Test* (Floor Foam Materials Only)

This test is not applicable to the substrate involved.

SECTION: 3.8.5 Peel Strength (Laminates Only)

FLTM BN 151-05* (f)

*(f) FLTM BN 151-05 is outside of our scope however we are accredited to perform CRE (constant rate of extension) tests, ASTM D1000 and ASTM D3300 which are listed on our scope.

SECTION: 3.8.6 Moisture Absorption*

No method addressed within Ford WSS M99P32-E1

SECTION: 3.9 Adhesion Strength (PSA Tapes for NVH only)

ASTM D1000 FLTM BO 040-01* (h)

5-23-2022

Page 2 of 2

*(h) FLTM BO 040-01 is outside of our scope however the test was performed by accredited personnel.

CERTIFIED BY:

David Nichols II, Automotive Lab Technicia

ISSUE DATE: <u>1-1-24</u>

Original Test Date:

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 *.