

250 Chester Street Painesville, Ohio 44077

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

Fax: 888-358-4469

email: psa.tape@averydennison.com URL: tapes.averydenniso Thickness, Tape

TAPE REQUIREMENTS: SECTION: 3.3 Weight

3.3.1 Weight per Unit Area (Non-Foams)

SECTION: 3.4 Odor

3.4.1 Odor, Condition 1 - 24 hrs @ RT, Deionized Water 3.4.2 Odor, Condition 2 - 24 hrs @ 40°C, Deionized Water

3.4.3 Odor, Condition 3 - 2 hrs @ 65°C

SECTION: 3.5 Fogging

3.5, 3 hrs @ 100°C, 21°C Cooling, 16 hrs @ RT

SECTION: 3.6 Flammability

3.6, Initial, Component

Construction Properties 3.7 SECTION 3.7 Resistance To Mildew

3.7.1, 7 Days @ 38°C / 98% RH

SECTION: 3.7.2 Environmental Testing

3.7.2.1, Short Term Environmental Cycling

5 hrs @ -30°C

30 mins @ RT

5 hrs @ 80°C 30 mins @ RT

2 hrs @ 50°C / 95% RH

30 mins @ RT

5 hrs @ -30°C

30 mins @ RT 5 hrs @ 80°C

3.7.2.2, Long Term Environmental Cycling, 7 Days @ 80°C

SECTION: 3.8 **Physical Properties**

3.8.1, Original Breaking Strength

Climate Control Applications SECTION: 3.8

3.8.1.1, Change After Short Term 3.7.2.1 Aging

3.8.1.2, Change After Long Term 3.7.2.2 Aging

SECTION: 3.8.2 Tear Resistance (Foam Materials Only)

3.8.2, Finished Part, Tear Resistance (Foam Materials Only)

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

3.8.3.1, Finished Part, Compression Force Deflection

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

3.8.4.1, Original Breaking Strength

3.8.4.2, Change After Short Term 3.7.2.1 Aging

3.8.4.3, Change After Long Term 3.7.2.2 Aging

SECTION: 3.8.5 Peel Strength (Laminates Only) 3.8.5, Peel Strength (Engine and Underbody Laminates Only)

SECTION: 3.8.6 Moisture Absorption

3.8.6, Suspended 24 hrs @ 38°C / 95% RH

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

3.9.1 Original

3.9.2 After Short Term Environmental Cycling

3.9.2 After Long Term Environmental, 168 hrs @ 100°C

CERTIFIED BY:



TEST REPORT

FT 0900X PRODUCT:

SUPPORT: **FLOCK** SUBSTRATE:

CERT NO .: 231128 - 0906

Staining, Odor or

Delamination

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 quarter panels; hard instrument panels

Specification Results Status Reported g/m² 276.5 Reported

ACCREDITED

TESTING LABORATORY

Pass

Pass

Status

Pass

Status

Not Applicable

Specification Results ISO 3795 Status 3 Max Rating Not Tested **Not Tested**

3 Max Rating Not Tested **Not Tested** 3 Max Rating Not Tested **Not Tested**

Specification SAE J1756 Results Status > 70 Units 80.9 **Pass**

Specification Results ISO 3795 Status < 100 mm / min SE / NBR **Pass**

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

Evaluation Specification FLTM BO 040-01 A* (c) Status Good, Stable, No Ooze, Odor, Warping or Lifting No Wrinkling, **Pass** Blistering, Warping,

FLTM BO 040-01 B* (c) Good, Stable, No Ooze, Odor, Warping or Lifting

Specification ASTM D5034* (d) Results Mode 35 N / In min 218.2 TEAR

Specification ASTM D5034* (d) Results Mode % Change Status < 30 % Change 215 1 TEAR 1% Reported < 30 % Change 227.2 TEAR 4% Reported

Results **Specification** ASTM D3574 F* (e)

Not Applicable Reported N/m

Results Status 250 mm (10 in) Not Applicable Not Applicable

Results Status Report Value % Not Applicable Not Applicable < 40 % Change Not Applicable Not Applicable Not Applicable < 10 % Change Not Applicable

Specification Results Status FLTM BN 151-05* (f) 6 N / 50 mm min Not Tested **Not Tested**

Specification Results Status

3.8 30 % max **Pass** Specification ASTM D1000 FLTM BO 040-01* (h) Results **Evaluation** Status

300 N/m - No Adhesion Failure 447.1 No Lifting or Appearance Changes **Pass** 225 N/m - No Adhesion Failure 484.6 No Lifting or Appearance Changes **Pass** 225 N/m - No Adhesion Failure 414.5 No Lifting or Appearance Changes **Pass**

> 1-1-24 ISSUE 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. This certificate or report shall not be reproduced except in full, without the written approval of the Avery Dennison® Performance Tapes 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 *.

Avery Dennison Performance Tapes 250 Chester St. Painesville, Ohio 44077

Original Test Date

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TEST REPORT

PRODUCT: FT 0900X SUPPORT: **FLOCK**

SUBSTRATE:

231128 - 0906 CERT NO.:

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

*(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

SECTION: 3.6 Flammability

ISO 3795

*(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)

SAF J1756

TESTING LABORATORY

*(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

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

ASTM D1000 FLTM BO 040-01* (h)

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

CERTIFIED BY:

1-1-24 ISSUE DATE:

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This laboratory is not accredited for the calibrations or tests marked *.

Avery Dennison Performance Tapes 250 Chester St. Painesville, Ohio 44077

Original Test Date:

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