TEST REPORT



250 Chester Street Painesville, Ohio 44077

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

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3.6.3, Composition

3.7, Loose Flock

OFOTION A 44 B I A II

email: psa.tape@averydennison.com

URL: tapes.averydennison.com PRODUCT: A915-80 SUPPORT: **FLOCK** SUBSTRATE: ARS

230104 - 1454 CERT NO .:

FORD ESB M6G17-A

OEM Rev Date: Jul 12

Adhesion Requirements, PSA Antisqueak Flock

NOT FOR NEW DESIGN - NO REDI ACMENT

| | NOT FOR NEW DESI | GN - NO REPLACMENT | | |
|---|---|---|-----------------------------|---|
| TAPE REQUIREMENTS: SECTION: 3.5 Fogging, C 3.5, Fogging, Oil Bath, 3 hrs (| Dil Bath @ 100°C, 21°C Cooling, 16 hrs @ RT | Specification FLTM BO 116-3* 80 Units | Results 100.2 | Status Pass |
| SECTION: 3.6.1 Flock Fibe 3.6.1, Flock Fiber, Type 3.6.1, Flock Fiber, Size 3.6.1, Flock Fiber, Color 3.6.1, Flock Fiber, Method of D | | Specification 100% Nylon 1.5 - 3.0 Denier Black Stock or Solution | Results TBD TBD TBD TBD TBD | <u>Status</u> TBD TBD TBD TBD |
| cioiz, ciatoment | esive The adhesive shall be non-staining and shall be adhesive shall not become soft, tacky or exhibit outlined in this specification, and shall be equal file in the Interior Materials Engineering Section. | blistering or delamination after any of the tests | Results TBD | <u>Status</u> TBD |
| SECTION: 3.6.3 Fabric | | <u>Specification</u> | Results | <u>Status</u> |

| 3.6.3, Construction | Woven or non-woven TBD | | TBD | |
|---|---|---------|--------|--|
| SECTION : 3.6.4 Pressure Sensitive Adhesive | <u>Specification</u> | Results | Status | |
| 3.6.4 Statement | Non-Staining, Heat Resistant and Suitable for a | TBD | TBD | |

50% Synthetic

Variety of Substrates

0.8 g/m2

Cuanification

| SECTION: 3.7 Thickness 3.7, Thickness, Flock | As Reported By Supplier | Specification SAE J882* 1.35 - 1.60 mm | <u>Results</u> TBD | <u>Status</u> TBD |
|---|-------------------------|--|-----------------------|----------------------|
| SECTION: 3.8 Loose Flock | As Reported By Supplier | Specification FLTM BN 108-8* | Results | Status |

| , | | | |
|--|------------------------------|---------|--------|
| SECTION: 3.9 Abrasion Resistance | Specification FLTM BN 108-2* | Results | Status |
| 3.9.1, Dry Cycle, CS-10, 1000 g | > 1500 Cycles | > 1,500 | Pass |
| 3.9.2, Wet Cycle (15 min soak), CS-10, 500 g | > 100 Cycles | > 150 | Pass |
| 3.9.3, Heat Aged, 7 days @ 80°C, CS-10, 1000 g | >1500 Cycles | > 1,500 | Pass |

| SECTION: 3.10 Scuffing Resistance As Reported By Supplier | Specification FLTM BN 108-4* | Results_ | Status |
|---|---|----------|--------|
| 3.1, Scuffing Resistance, 900 g, "A" Head, 2000 Cycles | No Excessive Lifting Of Flock Fibers Or | TBD | TBD |
| | Adhesive Peeling | | |

| SECTION: 3.11 Peel Adnesion | Specification ASTM D1000 | Kesuits | Status |
|----------------------------------|--------------------------|---------|--------|
| 3.11.1, Initial, 20 mins @ RT | 4 N / cm | 6.8 | Pass |
| 3.11.2, High Temp, 7 days @ 82°C | 11.6 N / cm | 13.4 | Pass |
| 3.11.3, Cycles (5X) 4 hrs @ 70°C | 14 N / cm | 14.7 | Pass |
| 4 hrs @ 38°C / 95-100% RH | | | |
| 16 hrs @ -29C | | | |

| SECTION: 3.12 Shear Adhesion | Specification ASTM D1000 | Results | <u>Status</u> |
|------------------------------------|--------------------------|---------|---------------|
| 3.12.1, Cold Shear, 24 hrs @ -18°C | 232 kPa | 503.3 | Pass |
| 3.12.2, Hot Shear, 24 hrs @ 60°C | 89 kPa | 516.3 | Pass |

| SECTION: 3.13 RH Resistance | <u>Specification</u> | Results | Status |
|------------------------------------|----------------------|--------------------------|--------|
| 3.13.1. 48 hrs @ 38°C / 95-100% RH | No Adhesion Loss | Good, Stable, No Lifting | Pass |

| SECTION: 3.14 Heat Resistance | <u>Specification</u> | Results | <u>Status</u> |
|-------------------------------|-------------------------------|-----------------------------|---------------|
| 3.14.1, 30 mins @ 120°C | No Blistering or Delamination | No Blisters or Delamination | Pass |
| 3.14.2, 7 days @ 102°C | No Blistering or Delamination | No Blisters or Delamination | Pass |

| 3.14.2, 7 days @ 102°C | No Blistering or Delamination | No Blisters or Delamination | |
|-----------------------------|-------------------------------|-----------------------------|--------|
| SECTION: 3.15 Odor | Specification SAE J1351* | Results | Status |
| 3.15 Odor Dry - 1 hr @ 65°C | 3 Max Rating | No Disagreeable Odor, 2 | Pass |

| SECTION: 3.15 Odor 3.15, Odor, Dry - 1 hr @ 65°C | Specification 3 Max Rating | SAE J1351* | Results No Disagreeable Odor, 2 | Status Pass |
|---|----------------------------|-----------------------|----------------------------------|----------------|
| SECTION: 3.16 Flammability 3.16 Initial Component | Specification | ISO 3795* / SAE J369* | Results < B 25 | Status Pass |

1-1-24 **CERTIFIED BY:** 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.

Dave Nichols Jr, Automotive Lab Technician

TESTING LABORATORY

TBD

TBD

Describe

TBD

TBD