TEST REPORT



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URL: tapes.averydennison.com PRODUCT: A904 2PT SUPPORT: WHITE FLOCK SUBSTRATE: 230104 - 1454 CERT NO .:

FORD ESB M6G17-A

OEM Rev Date: Jul 12

Adhesion Requirements, PSA Antisqueak Flock

	FOR NEW DESIGN - NO REPLACMENT				
TAPE REQUIREMENTS: SECTION: 3.5 Fogging, Oil Bath 3.5, Fogging, Oil Bath, 3 hrs @ 100°C, 21°C Cooling, 16 hrs @ R	Specification FLTM BO 116-3* T 80 Units	Results 100.2	Status Pass		
SECTION: 3.6.1 Flock Fiber 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 Dyeing	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		
adhesive shall not become soft, tacky of	Specification It shall be compatible in color with the flock fiber. The prexhibit blistering or delamination after any of the tests be equal in other properties to the approved sample on Section.	<u>Results</u> TBD	<u>Status</u> TBD		
SECTION: 3.6.3 Fabric 3.6.3, Composition 3.6.3, Construction	Specification 50% Synthetic Woven or non-woven	<u>Results</u> TBD TBD	<u>Status</u> TBD TBD		
SECTION: 3.6.4 Pressure Sensitive Adhesive 3.6.4, Statement	Specification Non-Staining, Heat Resistant and Suitable for a Variety of Substrates	<u>Results</u> TBD	<u>Status</u> TBD		

SECTION: 3.7 Thickness 3.7, Thickness, Flock	As Reported By Supplier	Specification 1.35 - 1.60 mm	SAE J882*	<u>Results</u> TBD	<u>Status</u> TBD
SECTION: 3.8 Loose Flock 3.7, Loose Flock	As Reported By Supplier	Specification 0.8 g/m2	FLTM BN 108-8*	<u>Results</u> TBD	Status TBD
SECTION: 3.9 Abrasion Resistance 3.9.1, Dry Cycle, CS-10, 1000 g 3.9.2, Wet Cycle (15 min soak), CS-10, 500 3.9.3, Heat Aged, 7 days @ 80°C, CS-10, 1	•	Specification > 1500 Cycles > 100 Cycles > 1500 Cycles > 1500 Cycles	FLTM BN 108-2*	Results > 1,500 > 150 > 1,500	Status Pass Pass Pass

SECTION: 3.10 Scuffing Resistance As Reported By Supplier 3.1, Scuffing Resistance, 900 g, "A" Head, 2000 Cycles	Specification FLTM BN 108-4* No Excessive Lifting Of Flock Fibers Or Adhesive Peeling	<u>Results</u> TBD	<u>Status</u> TBD
SECTION: 3.11 Peel Adhesion	Specification ASTM D1000	Results	Status

SECTION: 3.11 Peel A	dhesion	Specification ASTM D1000	Results	<u>Status</u>
3.11.1, Initial, 20 mins @	RT	1.5 N / cm	3.4	Pass
3.11.2, High Temp, 7 days	s @ 82°C	1.5 N / cm	5.4	Pass
3.11.3, Cycles (5X)	4 hrs @ 70°C	1.9 N / cm	5.5	Pass
	4 hrs @ 38°C / 95-100% RH			
	16 hrs @ -29C			

SECTION: 3.12 Shear Adhesion	Specification ASTM D1000	Results	Status
3.12.1, Cold Shear, 24 hrs @ -18°C	183 kPa	416.5	Pass
3.12.2, Hot Shear, 24 hrs @ 60°C	101 kPa	423.7	Pass

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

SECTION: 3.14 Heat Resistance	Specification	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

SECTION: 3.15 Odor	Specification	SAE J1351*	Results	Status
3.15, Odor, Dry - 1 hr @ 65°C	3 Max Rating		Clearly Perceptible, But Not Disturbing, 3	Pass

SECTION: 3.16 Flammability 3.16, Initial, Component	Specification 100 mm / min	ISO 3795* / SAE J369*	Results < B 25	Status Pass
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1-1-25 **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

ACCREDITED

TESTING LABORATORY