		TEST REPORT		
AVERY	PRODUCT:	FT 1149X PET	4	
DENNISON	SUPPORT:	FLOCK	ANAB	
250 Chester Street		PP	ANSI National Accreditation Be	
Painesville, Ohio 44077	CERT NO.:	230104 - 1448	ISO/IEC 17025	
Phone: 866-GO-AVERY (866-462-8379)			TESTING LABORATORY	
Fax: 888-358-4469 email: psa.tape@averydennison.com	FORD ESB M6G17-A OEM Rev Date: Jul 89			
URL: tapes.averydennison.com	Adhesion Requirements,	PSA Antisqueak Flock		
	NOT FOR NEW DESIGN - N			
TAPE REQUIREMENTS:				
SECTION: 3.5 Fogging, Oil Bath 3.5, Fogging, Oil Bath, 3 hrs @ 100°C, 21°C Cooling	SAE J1756-06 g,16 hrs @ RT	Specification 80 Units	<u>Results</u> 99.3	Status Pass
SECTION : 3.6.1 Flock Fiber	As Reported By Suppli	er Specification	Results	Status
3.6.1, Flock Fiber, Type		100% Nylon	100% Nylon	Pass
3.6.1, Flock Fiber, Size		1.5 - 3.0 Denier	1.5 - 3.0 Denier	Pass
3.6.1, Flock Fiber, Color		Black Stock or Solution	Black Solution	Pass
3.6.1, Flock Fiber, Method of Dyeing		Stock of Solution	30141011	Pass
adhesive shall not becom	ne soft, tacky or exhibit blisteri	<u>Specification</u> atible in color with the flock fiber. The ng or delamination after any of the tests properties to the approved sample on file	<u>Results</u> This product meets spec criteria	<u>Status</u> Pass
in the Interior Materials En	igineering Section.			
SECTION : 3.6.3 Fabric		Specification	<u>Results</u>	Status
3.6.3, Composition		50% Synthetic	This product meets spec criteria	Pass
3.6.3, Construction		Woven or non-woven	This product meets spec criteria	Pass
SECTION : 3.6.4 Pressure Sensitive Adhesive 3.6.4, Statement Non-S	As Reported By Suppli Staining, Heat Resistant and	er <u>Specification</u> I Suitable for a Variety of Substrates	<u>Results</u> This product meets spec criteria	<u>Status</u> Pass
SECTION : 3.7 Thickness 3.7,	SAE J882 As Reported By Suppli	er <u>Specification</u> 1.35 - 1.60 mm	Results 0.81	<u>Status</u> Reported
SECTION : 3.8 Loose Flock 3.7,	FLTM BN 108-08 As Reported By Suppli	er <u>Specification</u> 0.8 g/m2	Results 0.03	<u>Status</u> Pass
SECTION : 3.9 Abrasion Resistance	FLTM BN 108-02 As Reported By Suppli	er Specification	Results	Status
3.9.1,		1500 Cycles	> 1,500	Pass
3.9.2,		1000 Cycles	> 1,000	Pass
3.9.3,		1500 Cycles	> 1,500	Pass
SECTION : 3.1 Scuffing Resistance 3.1,	FLTM BN 108-04 As Reported By Suppli	er <u>Specification</u> 2000	<u>Results</u> > 2,000	<u>Status</u> Pass
SECTION : 3.1 Peel Adhesion	ASTM D1000	Specification	Results	Status
3.11.1, Initial, 20 mins @ RT		1.5 N / cm	5.9	Pass
3.11.2, High Temp, 7 days @ 82ºC		1.5 N / cm	3.0	Pass
3.11.3, Cycles (5X) 4 hrs @ 70°C 4 hrs @ 38°C / 95-10 16 hrs @ -29C	00% RH	1.9 N/cm	12.2	Pass
SECTION : 3.1 Shear Adhesion 3.12.1, Cold Shear, 24 hrs @ -18°C	ASTM D1000	Specification 183 kPa	<u>Results</u> 552.5	<u>Status</u> Pass
3.12.2, Hot Shear, 24 hrs @ 60°C		101 kPa	166.4	Pass
SECTION : 3.1 RH Resistance 3.13.1, 48 hrs @ 38°C / 95-100% RH		Specification No Adhesion Loss	<u>Results</u> Good, Stable, No Lifting	<u>Status</u> Pass
SECTION : 3.1 Heat Resistance		Specification	Results	Status
3.14.1, 30 mins @ 120°C 3.14.2, 7 days @ 102°C		No Blistering or Delamination No Blistering or Delamination	No Blisters or Delamination No Blisters or Delamination	Pass Pass
SECTION: 3.2 Odor 3.15, Odor, Dry - 1 hr @ 65°C	SAE J1351*	Specification 3 Max Rating	Results No Disagreeable Odor, 2	<u>Status</u> Pass
SECTION: 3.2 Flammability 3.16, Initial, Component	SAE J369	Specification 100 mm / min	Results < B25	<u>Status</u> Pass
		ISSUE	E DATE: <u>1-1-24</u>	

Dave Nichols Jr, Automotive Lab Techniclan

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 Te

Original Test Date:

10-22-2012 Page 1 of 1