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Painesville, Ohio 44077

TEST I	REPO	RT
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PRODUCT:	FT 1149X
SUPPORT:	TAN NONWOVEN
SUBSTRATE:	ABS
CERT NO.:	230103 - 0953



FCA MS-CB-134

OEM Rev Date: Dec 16

Adhesive - Water Based or PSA Film - Interior Grade - One Coat System Type B - This adhesive is received pre applied to vinyl fabric or body cloth. The adhesive when heated becomes pressure sensitive, permitting a bond to a rigid substrate with the application of pressure.

TEST PARAMETERS: SECTION: 3.2 Adhesive Peel Strength Initial, 24 hrs @ RT		Specification 2.7 N / cm	<u>Results</u> 7.1	<u>Status</u> Pass
SECTION: 3.2 Adhesive Peel Strength 168 hrs @ 79°C	LP-463CB-10-01	Specification 1.8 N/cm	Results 3.7	<u>Status</u> Pass
SECTION: 3.2 Adhesive Peel Strength	ASTM D17:83CB-10-01	Specification	<u>Results</u>	<u>Status</u>
168 hrs @ 38°C / 98% RH		2.2 N / cm	6.2	Pass
SECTION: 3.2 Adhesive Peel Strength Cycles, 3X 24 hrs @ 79°C 24 hrs @ 38°C / 95% RH 24 hrs @ -29°C	LP-463CB-10-01	Specification 2.2 N / cm	<u>Results</u> 3.7	<u>Status</u> Pass
SECTION: 3.3 Shear Adhesion		Specification	<u>Results</u>	<u>Status</u>
Initial, 24 hrs @ RT		55 kPa	110.6	Pass
SECTION: 3.3 Shear Adhesion	LP-463CB-10-01	Specification	<u>Results</u>	<u>Status</u>
168 hrs @ 79°C		48 kPa	100.8	Pass
SECTION: 3.3 Shear Adhesion	ASTM D1735	Specification	<u>Results</u>	<u>Status</u>
168 hrs @ 38°C / 98% RH		55 kPa	127.1	Pass
SECTION: 3.3 Shear Adhesion Cycles, 3X 24 hrs @ 79°C 24 hrs @ 38°C / 95% RH 24 hrs @ -29°C	LP-463CB-10-01	<u>Specification</u> 55 kPa	<u>Results</u> 90.7	<u>Status</u> Pass

Dave Nichols Jr, Automotive Lab Technician

CERTIFIED BY:

ISSUE DATE:

1-1-24

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: 6-26-2017 Page 1 of 1