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TEST REPORT

SAMPLE: FT 1943 PP
SUPPORT: 5 MIL BLACK UHMWPE
SUBSTRATE: TPO
CERT NO.: 221214 - 0903

GMW 14444-CODE-3

OEM Rev Date: 0

Material Related Interior Part Performance
CODE 3 Position Within Vehicle is Not Exposed to Direct Sunlight
C - All Parts In Contact With Customer Feet, e.g. Floor Mat, Door Trim
Mechanically



TAPE REQUIREMENTS:

SECTION: 4.3 Flammability
Initial, Component

GMW3232	<u>Specification</u> < 100 mm / min	<u>Results</u> < B 25	<u>Status</u> Pass
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SECTION: 4.4.6 Scratch Resistance
100 Cycles CS-10, 500 g Load

	<u>Specification</u> No Wear Thru to Fabric Backing	<u>Results</u> Not Applicable	<u>Status</u> Not Applicable
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SECTION: 4.5.1 Odor
Wet Condition, Coding A - 24 hrs @ 70°C, Deionized Water

GMW 3205	<u>Specification</u> > 4 Rating	<u>Results</u> 7 Clearly Noticeable, But Not Objectionable	<u>Status</u> Pass
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Dry Condition, Coding B - 24 hrs @ 70°C

	<u>Specification</u> > 4 Rating	7 Clearly Noticeable, But Not Objectionable	<u>Status</u> Pass
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High Temp Condition - 24 hrs @ 105°C

	<u>Specification</u> > 4 Rating	6 Tolerable	<u>Status</u> Pass
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SECTION: 4.5.1 Emission Testing
Fogging, 3 hrs @ 100°C, 21°C Cooling, Post 60 mins @ RT

GMW 3235	<u>Specification</u> > 60 %	<u>Results</u> 100.0	<u>Status</u> Pass
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SECTION: 4.5.2 Impact Resistance
After 4 hrs @ -30°C

GMW 14093 CODE 3, Apparatus A	<u>Specification</u> No Breakage, Cracks or Separation from 2 - 2.5 J Impacts	<u>Results</u> No Separation or Cracks	<u>Status</u> Pass
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4.5.6 Adhesive Requirements of Pressure Sensitive Adhesive, Mechanically Retained Bonded Items

TEST: Adhesion
As Received

GMW 14892	<u>Specification</u> 350 N / m	<u>Results</u> 880.2	<u>Mode</u> ADHESIVE	<u>Status</u> Pass
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Humidity - GMW 14729 Option A, 144 hrs @ 38°C / 100% RH

	<u>Specification</u> 350 N / m	1570.1	COHESIVE	<u>Status</u> Cohesive-Pass
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Oven Aged, 24 hrs @ 85°C, < 60s

	<u>Specification</u> 350 N / m	527.6	COHESIVE	<u>Status</u> Cohesive-Pass
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Environmental Cycles 2(x), GMW 14124 Cycle M

	<u>Specification</u> 350 N / m	1196.5	COHESIVE	<u>Status</u> Cohesive-Pass
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CERTIFIED BY:

Jake Cowdrick, Automotive Application Specialist

ISSUE DATE: 1-1-25

Materials tested to OEM requirements @ 72°F +/- 2°F and 50% RH +/- 5%. Test uncertainty and minor exclusions are available online or upon request.

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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 *.