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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

Specification

< 100 mm / min

Results

< B 25

Status

Pass

SECTION: **4.4.6 Scratch Resistance**

100 Cycles CS-10, 500 g Load

Specification

No Wear Thru to Fabric Backing

Results

Not Applicable

Status

Not Applicable

SECTION: **4.5.1 Odor**

GMW 3205

Wet Condition, Coding A - 24 hrs @ 70°C, Deionized Water

Specification

> 4 Rating

Results

7 Clearly Noticeable, But Not Objectionable

Status

Pass

Dry Condition, Coding B - 24 hrs @ 70°C

> 4 Rating

7 Clearly Noticeable, But Not Objectionable

Pass

High Temp Condition - 24 hrs @ 105°C

> 4 Rating

6 Tolerable

Pass

SECTION: **4.5.1 Emission Testing**

GMW 3235

Fogging, 3 hrs @ 100°C, 21°C Cooling, Post 60 mins @ RT

Specification

> 60 %

Results

100.0

Status

Pass

SECTION: **4.5.2 Impact Resistance**

GMW 14093 CODE 3, Apparatus A

After 4 hrs @ -30°C

Specification

**No Breakage, Cracks or Separation
from 2 - 2.5 J Impacts**

Results

No Separation or Cracks

Status

Pass

4.5.6 Adhesive Requirements of Pressure Sensitive Adhesive, Mechanically Retained Bonded Items

TEST: **Adhesion**

GMW 14892

As Received

Specification

350 N / m

Results

880.2

Mode

ADHESIVE

Status

Pass

Humidity - GMW 14729 Option A, 144 hrs @ 38°C / 100% RH

350 N / m

1570.1

COHESIVE

Cohesive-Pass

Oven Aged, 24 hrs @ 85°C, < 60s

350 N / m

527.6

COHESIVE

Cohesive-Pass

Environmental Cycles 2(x), GMW 14124 Cycle M

350 N / m

1196.5

COHESIVE

Cohesive-Pass

CERTIFIED BY:


Jake Cowdick, 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 *.