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TEST REPORT

PRODUCT: FT 1149X
SUPPORT: FLOCK
SUBSTRATE: SS
CERT NO.: 221213 - 1200



FORD WSS-M99P48-B3
OEM Rev Date: Feb 21

Foam Performance, Pressure Sensitive Adhesive Tape (Interior, Exterior, Underhood, Underhood)

Interior
At or Above the Belt Line

TAPE REQUIREMENTS:

SECTION: 3.2.1 Odor

3.2.1 Odor, Condition 1 - 24 hrs @ RT, Deionized Water

3.2.1 Odor, Condition 2 - 24 hrs @ 40°C, Deionized Water

3.2.1 Odor, Condition 3 - 2 hrs @ 65°C

Specification	Reference	Results	Status
Rating 3 Max	FLTM BO 131-03	Slightly Perceptible, 1.5	Pass
		Perceptible, Not Disturbing, 2	Pass
		Perceptible, Not Disturbing, 2	Pass

SECTION: 3.2.2 Fogging, Photometric

3.2.2, 3 hrs @ 100°C, 21°C Cooling, 16 hrs @ RT

Specification	Reference	Results	Status
70 Units min	SAE J1756	97	Pass

SECTION: 3.2.3 Flammability

3.2.3 Burn Rate, Component

Specification	Reference	Results	Status
< 100 mm / min	ISO 3795* / SAE J369*	SE	Pass

SECTION 3.2.4 Resistance to Mildew

3.2.4 7 Days @ 38°C / 98% RH

Specification	Reference	Results	Status
No Visible Mildew Growth or Objectionable Odor	FLTM BO 131-03*	No Offensive Odor or Evidence of Mildew	Pass

SECTION 3.2.5 Accelerated Weathering Resistance

3.2.5 2250 Hours, ISO 105-A-02 AATCC Eval 1

Specification	Reference	Results	Status
Rating 4 Min	ASTM D7869*	Not Tested	Not Tested

SECTION: 3.2.6 Adhesion Strength to Steel

3.2.6 Original Bond Strength

3.2.6.1 After Heat Ageing Change, 168 hrs @ 100°C

3.2.6.2 After Environmental Cycling Change, 10 Cycles

4 hrs @ 100°C
4 hrs @ 38°C / 95% RH
16 hrs @ -30°C

Specification	Reference	Results	Mode	Status
0.48 N / mm	ASTM D1000	0.48	CLN	Pass
- 25% max		1.35	CSP	Pass
- 25% max		0.89	L CSP	Pass

SECTION: 3.2.6 Adhesion Strength to Steel

3.2.6 Original Bond Strength

3.2.6.1 After Heat Ageing Change, 168 hrs @ 100°C

3.2.6.2 After Environmental Cycling Change, 10 Cycles

Specification	Reference	Results	Status
No Cracking, Delamination or Cracking	ASTM D1000	Good, Stable, No Defects or Lifting	Pass
		Good, Stable, No Defects or Lifting	Pass
		Good, Stable, No Defects or Lifting	Pass

CERTIFIED BY:

Dave Nichols Jr, Automotive Lab Technician

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.

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 *.