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TEST REPORT

PRODUCT: FT 1143
SUPPORT: UHMWPE
SUBSTRATE: PAINTED METAL
CERT NO.: 221213 - 0809



FORD WSB M3G224-A
OEM Rev Date: Aug 06
Tape, Polyethylene, PSA, Interior - Exterior

TAPE REQUIREMENTS:

SECTION:	Adhesion	ASTM D1000	Specification	Results	Status
3.7.1.1,	Adhesion, As Received, 48 hrs @ RT		350 N / m	873.3	Pass
3.7.2.1,	Adhesion, Cycles (5x) 4 hrs @ 70°C 4 hrs @ 38°C / 95-100% RH 16 hrs @ -30°C		526 N / m	1012.3	Pass
3.7.2.2,	Adhesion, Water Immersion, 240 hrs	FLTMBN 104-01*	526 N / m	1446.6	Pass
3.7.2.2,	Adhesion, Salt Spray, 240 hrs	FLTMBN 103-01*	526 N / m	1099.2	Pass
3.7.2.2,	Adhesion, Xenon Weatherometer, 400 hr		526 N / m	Not Tested	Not Tested
SECTION 3.8	Resistance Properties		Specification	Results	Status
3.8.1,	RH, 7 days @ 38°C / 95-100% RH		No Adhesion Loss, Curl or Delamination	Stable, No Lifting, Delamination or Edge Curl	Pass
3.8.2,	Heat and Cold Resistance (5x) 2 hrs @ 100°C 2 hrs @ -30°C			Stable, No Lifting, Delamination or Edge Curl	Pass
3.8.3,	Heat Resistance, 30 mins @ 120°C			Stable, No Lifting, Delamination or Edge Curl	Pass
3.8.4,	Water Immersion, 240 hrs			Stable, No Lifting, Delamination or Edge Curl	Pass
3.8.5,	Salt Spray, 240 hrs			Stable, No Lifting, Delamination or Edge Curl	Pass
3.8.6,	Xenon Weatherometer, 400 hrs			Not Tested	Not Tested
SECTION 3.9	Heat Aging		Specification	Results	Status
3.9,	7 days @ 80°C		No Edge Curl, Stain or Color Change	Good, No Color Changing, Staining or Edge Curl	Pass
SECTION 3.10	Shrink		Specification	Results	Status
3.10,	30 mins @ 120°C		1 % max	Not Tested	Not Tested
SECTION: 3.11	Fogging		Specification	Results	Status
3.11,	3 hrs @ 100°C, 21°C Cooling, 16 hrs @ RT		60 Units	98.00	Pass
SECTION 3.12	Abrasion Resistance		Specification	Results	Status
3.12,	CS-10, 1000 g Load - 1500 Cycles		> No Wear Thru	NoT tested	Not Tested
SECTION 3.13	Scuffing Resistance		Specification	Results	Status
3.13,	900 g Load, "A" Head - 1500 Cycles		o Cracking or Peeli	Not Tested	Not Tested
SECTION 3.14	Resistance to Fade		Specification	Evaluation	Status
3.14,	225.6 kJ/m2 Exposure		4 Rating min	Not Tested	Not Tested
SECTION 3.15	Exterior Xenon Weatherometer Resistance		Specification	Results	Status
3.15,	400 hrs @ 70°C		4 Rating Min	Not Tested	Not Tested
SECTION: 3.16	Flammability		Specification	Results	Status
3.16,	Initial, Component		100 mm / min		Pass
SECTION: 3.18	Odor	SAE J1351*	Specification	Results	Status
3.18,	Odor, Dry - 1 hr @ 65°C		2 Rating max	No Disagreeable Odor, 2	Pass

CERTIFIED BY:
Dave Nichols Jr, Automotive Lab Technician

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.

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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 *.