	AVERY DENNISON
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TAPE REQUIREMENTS:

250 Chester Street			
Painesville, Ohio 44077			
Phone:	866-GO-AVERY (866-462-8379)		
Fax:	888-358-4469		
email:	psa.tape@averydennison.com		
URL:	tapes.averydennison.com		

TEST REPORT

PRODUCT: FT 3043 SUPPORT: **5 MIL UHMWPE** SUBSTRATE: ABS CERT NO.: 221216 - 0951



GMW 16879 Type I Cycle M OEM Rev Date: May 18

Performance Requirements of Ultra High Molecular Weight Polyethylene (UHMW PE) Tape Type I material is UHMWPE film coated with a permanent acrylic PSA Initial

Table 1 Performance Requirements PROPERTIES: Liner Removal Liner Removal, Initial @ RT	ISO 8510-2	Specification 200 N / m	Results 56.0	Status Pass
PROPERTIES: Peel Adhesion Peel Adhesion, Aged, 72 hrs @ RT	ISO 8510-2	Specification 350 N / m	<u>Results</u> 1643.9	<u>Status</u> Pass
Peel Adhesion, Humidity, 24 hrs @ 38°C / 9	95% RH	350 N / m	1758.3	Pass
Peel Adhesion, Aged, 168 hrs @ 70°C		350 N / m	1596.6	Pass
Cycles 2X, GMW 14124 Cycle M 23 hrs @ 40º 1 hr @ RT 24 hrs @ 85 1 hr @ RT		350 N / m	1127.8	Pass

1 hr @ RT	
4 hrs @ -30°C	
1 hr @ RT	

PROPERTIES: Dynamic Shear		Specification	<u>Results</u>	<u>Status</u>
Dynamic Shear, Aged, 72 hrs @ RT		200 kPa	164 Tear	Pass
PROPERTIES: Tensile Strength	GMW3010*	Specification	Results	<u>Status</u>
Tensile Strength, Initial, Maximum Force		15 MPa min	34.8	Pass
Tensile Strength, After 168 hr aging @ 70°C		70 MPa max	32.0 Tear	Pass
PROPERTIES: Elongation	GMW3010*	Specification	<u>Results</u>	<u>Status</u>
Elongation, Initial, @ Maximum Force		150 % min	385.0	Pass
Elongation, After 168 hr aging @ 70°C		50 % min	347.5	Pass
PROPERTIES: Fogging	GMW3235, Method A*	Specification	<u>Results</u>	<u>Status</u>
Fogging, 6 hrs @ 85°C, 38°C Cooling, 16 hrs @		60 Units	99.6	Pass
PROPERTIES: Flammability	GMW3232*	Specification	Results	<u>Status</u>
Flammability, Initial, Component		< 100 mm / min	< B 25	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. 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: 6-12-2018 Page 1 of 1