	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 1943 PP SUPPORT: **5 MIL UHMWPE** SUBSTRATE: TPO 221216 - 0951 CERT NO .:



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 RequirementsPROPERTIES:Liner RemovalLiner Removal, Initial @ RT	ISO 8510-2	Specification 200 N / m	Results 56.0	<u>Status</u> Pass
PROPERTIES: Peel Adhesion Peel Adhesion, Aged, 72 hrs @ RT	ISO 8510-2	Specification 350 N / m	Results 1722.1	<u>Status</u> Pass
Peel Adhesion, Humidity, 24 hrs @ 38°C / 9	95% RH	350 N / m	1827.7	Pass
Peel Adhesion, Aged, 168 hrs @ 70°C		350 N / m	1558.0	Pass
#REF! 23 hrs @ 40% 1 hr @ RT 24 hrs @ 85%		350 N / m	1545.2	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	172 Tear	Pass
PROPERTIES: Tensile Strength GMW	W3010* Specification	Results	<u>Status</u>
Tensile Strength, Initial, Maximum Force	15 MPa min	34.8	τ Pass
Tensile Strength, After 168 hr aging @ 70°C	70 MPa max	32.0	т Pass
PROPERTIES: Elongation GMW	W3010* <u>Specification</u>	<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
	W3235, Method A* Specification	Results 99.6	<u>Status</u> Pass
PROPERTIES: Flammability GMW	N3232* <u>Specification</u>	<mark>Results</mark>	<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