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## TEST REPORT

PRODUCT: FT 1123  
SUPPORT: 5 MIL BLACK UHMWPE  
SUBSTRATE: ABS  
STD CERT NO.: 221216 - 0943

### GMW 16879 TYPE I CYCLE M

OEM Rev Date: May 18

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



#### TAPE REQUIREMENTS:

##### Table 1 Performance Requirements

PROPERTIES:	TEST CONDITIONS:	Specification	Results	Status
PROPERTIES: <b>Liner Removal</b>	ISO 8510-2	<b>200 N / m</b>	19.3	<b>Pass</b>
PROPERTIES: <b>Peel Adhesion</b>	ISO 8510-2	<b>350 N / m</b>	1131.3	<b>Pass</b>
Peel Adhesion, Aged, 72 hrs @ RT				
Peel Adhesion, Humidity, 24 hrs @ 38°C / 95% RH		<b>350 N / m</b>	1087.5	<b>Pass</b>
Peel Adhesion, Aged, 168 hrs @ 70°C		<b>350 N / m</b>	1147.1	<b>Pass</b>
Cycles 2X, GMW 14124 Cycle M		<b>350 N / m</b>	701.1	<b>Pass</b>
	23 hrs @ 40°C / 95% RH			
	1 hr @ RT			
	24 hrs @ 85°C			
	1 hr @ RT			
	4 hrs @ -30°C			
	1 hr @ RT			
PROPERTIES: <b>Dynamic Shear</b>	ISO 8510-2	<b>200 kPa</b>	216.3	<b>Pass</b>
Dynamic Shear, Aged, 72 hrs @ RT				
PROPERTIES: <b>Tear Resistance</b>	GMW3010*	<b>2 kg</b>	5.8	<b>Pass</b>
Tear Resistance, Initial, Room Temp				
PROPERTIES: <b>Tensile Strength</b>	GMW3010*	<b>15 MPa min</b>	24.6	<b>Pass</b>
Tensile Strength, Initial, Maximum Force				
Tensile Strength, After 168 hr aging @ 70°C		<b>50 MPa max</b>	29.0	<b>Pass</b>
PROPERTIES: <b>Elongation</b>	GMW3010*	<b>150 % min</b>	268.6	<b>Pass</b>
Elongation, Initial, @ Maximum Force				
Elongation, After 168 hr aging @ 70°C		<b>50 % min</b>	314.3	<b>Pass</b>
PROPERTIES: <b>Fogging</b>	GMW3235, Method A*	<b>60 Units</b>	100.7	<b>Pass</b>
Fogging, 6 hrs @ 85°C, 38°C Cooling, 16 hrs @ RT				
PROPERTIES: <b>Flammability</b>	GMW3232*	<b>Specification</b>	<b>Results</b>	<b>Status</b>
Flammability, Initial, Component		<b>&lt; 100 mm / min</b>	< B 25	<b>Pass</b>

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 \*.