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## TEST REPORT

PRODUCT: FT 1123  
SUPPORT: 5 MIL UHMWPE  
SUBSTRATE: ABS  
CERT NO.: 221216 - 0950



### 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: <b>Liner Removal</b> Liner Removal, Initial @ RT	ISO 8510-2	<u>Specification</u> <b>200 N / m</b>	<u>Results</u> 25.1	<u>Status</u> <b>Pass</b>
PROPERTIES: <b>Peel Adhesion</b> Peel Adhesion, Aged, 72 hrs @ RT	ISO 8510-2	<u>Specification</u> <b>350 N / m</b>	<u>Results</u> 1082.3	<u>Status</u> <b>Pass</b>
Peel Adhesion, Humidity, 24 hrs @ 38°C / 95% RH		<b>350 N / m</b>	1133.1	<b>Pass</b>
Peel Adhesion, Aged, 168 hrs @ 70°C		<b>350 N / m</b>	1152.3	<b>Pass</b>
Cycles 2X, GMW 14124 Cycle M		<b>350 N / m</b>	1100.4	<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> Dynamic Shear, Aged, 72 hrs @ RT		<u>Specification</u> <b>200 kPa</b>	<u>Results</u> 157 Tear	<u>Status</u> <b>Pass</b>
PROPERTIES: <b>Tensile Strength</b> Tensile Strength, Initial, Maximum Force	GMW3010*	<u>Specification</u> <b>15 MPa min</b>	<u>Results</u> 35.0	<u>Status</u> <b>Pass</b>
Tensile Strength, After 168 hr aging @ 70°C		<b>70 MPa max</b>	31.3 Tear	<b>Pass</b>
PROPERTIES: <b>Elongation</b> Elongation, Initial, @ Maximum Force	GMW3010*	<u>Specification</u> <b>150 % min</b>	<u>Results</u> 378.6	<u>Status</u> <b>Pass</b>
Elongation, After 168 hr aging @ 70°C		<b>50 % min</b>	335.2	<b>Pass</b>
PROPERTIES: <b>Fogging</b> Fogging, 6 hrs @ 85°C, 38°C Cooling, 16 hrs @ RT	GMW3235, Method A*	<u>Specification</u> <b>60 Units</b>	<u>Results</u> 100.1	<u>Status</u> <b>Pass</b>
PROPERTIES: <b>Flammability</b> Flammability, Initial, Component	GMW3232*	<u>Specification</u> <b>&lt; 100 mm / min</b>	<u>Results</u> < B 25	<u>Status</u> <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.

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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 \*.