



**TEST REPORT**



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PRODUCT: **FT 1126**  
SUPPORT: **LDPE**  
SUBSTRATE: **ACETAL**  
STD 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:		<u>Specification</u>	<u>Results</u>	<u>Mode</u>	<u>Status</u>
<b>Liner Removal</b> Liner Removal, Initial @ RT	ISO 8510-2	<b>200 N / m</b>	21.6		<b>Pass</b>
<b>Peel Adhesion</b> Peel Adhesion, Aged, 72 hrs @ RT	ISO 8510-2	<b>350 N / m</b>	967.9		<b>Pass</b>
Peel Adhesion, Humidity, 24 hrs @ 38°C / 95% RH		<b>350 N / m</b>	937.5		<b>Pass</b>
Peel Adhesion, Aged, 168 hrs @ 70°C		<b>350 N / m</b>	1009.9		<b>Pass</b>
Cycles 2X, GMW 14124 Cycle M		<b>350 N / m</b>	806.2		<b>Pass</b>
24 hrs @ 40°C / 95% RH					
1 hr @ RT					
24 hrs @ 85°C					
1 hr @ RT					
4 hrs @ -30°C					
1 hr @ RT					
<b>Dynamic Shear</b> Dynamic Shear, Aged, 72 hrs @ RT	GMW3010*	<b>200 kPa</b>	241.7	TEAR	<b>Pass</b>
<b>Tear Resistance</b> Tear Resistance, Initial, Room Temp	ISO 34-1, Method B*	<b>2 kg</b>	Not Testec		<b>Not Tested</b>
<b>Tensile Strength</b> Tensile Strength, Initial, Maximum Force	GMW3010*	<b>15 MPa min</b>	12.2 Tear	TEAR	<b>Pass</b>
Tensile Strength, After 168 hr aging @ 70°C		<b>MPa max</b>	9.8 Tear	TEAR	<b>Pass</b>
<b>Elongation</b> Elongation, Initial, @ Maximum Force	GMW3010*	<b>150 % min</b>	442.8		<b>Pass</b>
Elongation, After 168 hr aging @ 70°C		<b>50 % min</b>	301.7		<b>Pass</b>
<b>Fogging</b> Fogging, 6 hrs @ 85°C, 38°C Cooling, 16 hrs @ RT	GMW3235, Method A	<b>60 Units</b>	100.8		<b>Pass</b>
<b>Flammability</b> Flammability, Initial, Component	GMW3232*	<b>&lt; 100 mm / min</b>		< B 50	<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 \*.