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## TEST REPORT

PRODUCT: FT 1150  
SUPPORT: 5 MIL UHMWPE  
SUBSTRATE: ABS  
STD CERT NO.: 230217 - 1235

### 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 METHOD	Specification	Results	Status
PROPERTIES: <b>Liner Removal</b> Liner Removal, Initial @ RT	ISO 8510-2	<b>200 N / m</b>	14.6	<b>Pass</b>
PROPERTIES: <b>Peel Adhesion</b> Peel Adhesion, Aged, 72 hrs @ RT	ISO 8510-2	<b>350 N / m</b>	681.2	<b>Pass</b>
Peel Adhesion, Humidity, 24 hrs @ 38°C / 95% RH		<b>350 N / m</b>	868.0	<b>Pass</b>
Peel Adhesion, Aged, 168 hrs @ 70°C		<b>350 N / m</b>	963.8	<b>Pass</b>
Cycles 2X, GMW 14124 Cycle M  23 hrs @ 40°C / 95% RH 1 hr @ RT 24 hrs @ 85°C 1 hr @ RT 4 hrs @ -30°C 1 hr @ RT		<b>350 N / m</b>	1055.4	<b>Pass</b>
PROPERTIES: <b>Dynamic Shear</b> Dynamic Shear, Aged, 72 hrs @ RT	GMW3010*	<b>200 kPa</b>	237.2	<b>Pass</b>
PROPERTIES: <b>Tear Resistance</b> Tear Resistance, Initial, Room Temp	ISO 34-1, Method B*	<b>2 kg</b>	0.2	Mode TEAR <b>Pass</b>
PROPERTIES: <b>Tensile Strength</b> Tensile Strength, Initial, Maximum Force	GMW3010*	<b>15 MPa min</b>	18.2	Mode TEAR <b>Pass</b>
Tensile Strength, After 168 hr aging @ 70°C		<b>0 MPa max</b>	21.6	TEAR <b>Pass</b>
PROPERTIES: <b>Elongation</b> Elongation, Initial, @ Maximum Force	GMW3010*	<b>150 % min</b>	150.8	<b>Pass</b>
Elongation, After 168 hr aging @ 70°C		<b>50 % min</b>	184.6	<b>Pass</b>
PROPERTIES: <b>Fogging</b> Fogging, 6 hrs @ 85°C, 38°C Cooling, 16 hrs @ RT	GMW3235, Method A	<b>60 Units</b>	96.9	<b>Pass</b>
PROPERTIES: <b>Flammability</b> Flammability, Initial, Component	GMW3232*	<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.

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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 \*.