



250 Chester Street  
Painesville, Ohio 44077  
Phone: 866-GO-AVERY (866-462-8379)  
Fax: 888-358-4469  
email: psa.tape@averydennison.com  
URL: stus.averydennison.com

## 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: <b>Liner Removal</b> Liner Removal, Initial @ RT	ISO 8510-2	<u>Specification</u> <b>200 N / m</b>	<u>Results</u> 19.3	<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> 1131.3	<u>Status</u> <b>Pass</b>
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 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>	701.1	<b>Pass</b>
PROPERTIES: <b>Dynamic Shear</b> Dynamic Shear, Aged, 72 hrs @ RT		<u>Specification</u> <b>200 kPa</b>	<u>Results</u> 216.3	<u>Mode</u> CSP <u>Status</u> <b>Pass</b>
PROPERTIES: <b>Tear Resistance</b> Tear Resistance, Initial, Room Temp		<u>Specification</u> <b>2 kg</b>	<u>Results</u> 5.8	<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> 24.6	<u>Mode</u> TEAR <u>Status</u> <b>Pass</b>
Tensile Strength, After 168 hr aging @ 70°C		<b>50 MPa max</b>	29.0	<b>Pass</b>
PROPERTIES: <b>Elongation</b> Elongation, Initial, @ Maximum Force	GMW3010*	<u>Specification</u> <b>150 % min</b>	<u>Results</u> 268.6	<u>Status</u> <b>Pass</b>
Elongation, After 168 hr aging @ 70°C		<b>50 % min</b>	314.3	<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> 100.7	<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.

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 \*.