



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

TEST REPORT

PRODUCT: FT 3043
SUPPORT: 5 MIL UHMWPE
SUBSTRATE: TPO
CERT NO.: 221216 - 0951

GMW 16879 Type I Cycle M

OEM Rev Date: May 18

Performance Requirements of Ultra High Molecular Weight Polyethylene (UHMW PE) Tape

Type I material is UHMWPE film coated with a permanent acrylic PSA

Initial



TAPE REQUIREMENTS:

Table 1 Performance Requirements

PROPERTIES:	TEST	ISO 8510-2	Specification	Results	Status
PROPERTIES: Liner Removal			200 N / m	56.0	Pass
Liner Removal, Initial @ RT					
PROPERTIES: Peel Adhesion		ISO 8510-2	Specification	Results	Status
Peel Adhesion, Aged, 72 hrs @ RT			350 N / m	1722.1	Pass
Peel Adhesion, Humidity, 24 hrs @ 38°C / 95% RH			350 N / m	1827.7	Pass
Peel Adhesion, Aged, 168 hrs @ 70°C			350 N / m	1558.0	Pass
Cycles 2X, GMW 14124 Cycle M			350 N / m	1545.2	Pass
23 hrs @ 40°C / 95% RH					
1 hr @ RT					
24 hrs @ 85°C					
1 hr @ RT					
4 hrs @ -30°C					
1 hr @ RT					
PROPERTIES: Dynamic Shear			Specification	Results	Status
Dynamic Shear, Aged, 72 hrs @ RT			200 kPa	172 Tear	Pass
PROPERTIES: Tensile Strength		GMW3010*	Specification	Results	Status
Tensile Strength, Initial, Maximum Force			15 MPa min	34.8	Pass
Tensile Strength, After 168 hr aging @ 70°C			70 MPa max	32.0 Tear	Pass
PROPERTIES: Elongation		GMW3010*	Specification	Results	Status
Elongation, Initial, @ Maximum Force			150 % min	385.0	Pass
Elongation, After 168 hr aging @ 70°C			50 % min	347.5	Pass
PROPERTIES: Fogging		GMW3235, Method A*	Specification	Results	Status
Fogging, 6 hrs @ 85°C, 38°C Cooling, 16 hrs @ RT			60 Units	99.6	Pass
PROPERTIES: Flammability		GMW3232*	Specification	Results	Status
Flammability, Initial, Component			< 100 mm / min	< B 25	Pass

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 *.