



TEST REPORT



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

PRODUCT: FT 8368
SUPPORT: EPDM
SUBSTRATE: ABS
CERT NO.: 260522 - 0547

GMW 16443-TYPE-II-EXTERIOR-CYCLE-C
OEM Rev Date: Aug 18
Adhesion Performance Requirements For Adhesive Backed Light Trim and Foam
Type II - An adhesive backed foam composite that is retained by the adhesive for the life of the vehicle

Passing Type II Meets and Exceeds 3.5.1 Type I Exposure Requirements

TAPE REQUIREMENTS:

3.5.2 TYPE-II Exposure

SECTION 3.3.3 Edge Adhesion

3.5.3, Initial, As Received - 24 hrs @ RT

3.5.4, Heat Aged 168 hrs @ 80°C per ISO 188

3.5.5, Humidity 168 hrs @ 38°C / 100% RH per GMW 14729 Option A

3.5.6, Cycle Exposure, GMW 14124, 2x Cycle C
17 hrs @ -30°C
72 hrs @ 70°C
24 hrs @ 38°C / 100% RH
7 hrs @ -30°C
24 hrs @ 38°C / 100% RH
7 hrs @ 70°C
24 hrs @ 38°C / 100% RH

3.5.7, Accelerated Weathering Resistance, GMW 14162, Cycle C, 115°C*

3.5.8, Cold Shock, 72 hrs @ 54°C, 4 hrs @ -30°C

Specification

Securely Bonded

Securely Bonded

Securely Bonded

Securely Bonded

Securely Bonded

Securely Bonded

Results

Stable, No Lifting or Removal

Stable, No Lifting or Removal

Stable, No Lifting or Removal

Stable, No Lifting or Removal

Not Tested

Stable, No Lifting or Removal

Status

Pass

Pass

Pass

Pass

Not Tested

Pass

SECTION 3.4 Peel Adhesion

ISO 8510-2

3.5.3, Initial, As Received - 24 hrs @ RT

3.5.4, Heat Aged 168 hrs @ 80°C per ISO 188

3.5.5, Humidity 168 hrs @ 38°C / 100% RH per GMW 14729 Option A

3.5.6, Cycle Exposure, GMW 14124, 2x Cycle C
17 hrs @ -30°C
72 hrs @ 70°C
24 hrs @ 38°C / 100% RH
7 hrs @ -30°C
24 hrs @ 38°C / 100% RH
7 hrs @ 70°C

3.5.7, Accelerated Weathering Resistance, GMW 14162, Cycle C, 115°C*

3.5.8, Cold Shock, 72 hrs @ 54°C, 4 hrs @ -30°C

Specification

525 N / m

525 N / m

525 N / m

525 N / m

525 N / m

525 N / m

Results

863.1

1426.2

861.8

717.0

814.8

Mode

AF-P

FALSE

AF-P

AF-P

FALSE

AF-P

Status

Pass

Pass

Pass

Pass

Pass

SECTION 3.5.8 Cold Shock

3.5.8, Cold Shock, 72 hrs @ 54°C, 4 hrs @ -30°C

Specification

No Separation from 2

Results

No Impact Separation

Status

Pass

SECTION: 3.7.1 Release Liner

3.7.2, Liner Removal @ RT

Specification

< 65 N / m

Results

10.4

Status

Pass

CERTIFIED BY:

ISSUE DATE: 1-1-26

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 *.

Appendix A Table A2

PRODUCT: FT 8368
 SUPPORT: EPDM
 SUBSTRATE: ABS
 CERT NO.: 260522 - 0547

Table A2: GMW16443 Type II Applications Test Data Form

Section	Test	Standard	Requirements	Sample	Visual Edge Adhesion	Peel N/m	Failure Mode
3.5.3	Initial, As Received - 24 hrs @ RT	ISO 8510-2	Minimum of 525 N/m and Cohesive Failure of One or Both of the Adherends	1	Stable, No Lifting or Removal	881.8	AF-P
				2	Stable, No Lifting or Removal	840.6	AF-P
				3	Stable, No Lifting or Removal	866.9	AF-P
3.5.4	Heat Aged 168 hrs @ 80°C per ISO 188			1	Stable, No Lifting or Removal	1387.9	FALSE
				2	Stable, No Lifting or Removal	1449.9	FALSE
				3	Stable, No Lifting or Removal	1440.9	FALSE
3.5.5	Humidity 168 hrs @ 38°C / 100% RH per GMW 14729 Option A			1	Stable, No Lifting or Removal	874.8	AF-P
				2	Stable, No Lifting or Removal	866.5	AF-P
				3	Stable, No Lifting or Removal	844.1	AF-P
3.5.6	Cycle Exposure, GMW 14124, 2x Cycle C			1	Stable, No Lifting or Removal	734.3	AF-P
				2	Stable, No Lifting or Removal	715.2	AF-P
				3	Stable, No Lifting or Removal	701.4	AF-P
3.5.7	After Accelerated Weathering Reisittance per SAE J2412 or GMW14162 Cycle C and 115°C	1	Not Tested		FALSE		
		2	Not Tested		FALSE		
		3	Not Tested		FALSE		
3.5.8	Cold Shock, 72 hrs @ 54°C, 4 hrs @ -30°C	1	Stable, No Lifting or Removal	859.2	AF-P		
		2	Stable, No Lifting or Removal	822.0	AF-P		
		3	Stable, No Lifting or Removal	763.2	AF-P		

Section	Test	Standard	Requirements	Sample	Result
3.6	Tape Wet Out, GMW15851	GMW 15851 is restricted and we cannot purchase	85% Tape Wet Out	1	Not Tested
				2	Not Tested
				3	Not Tested
3.7.1	Release Liner Contact	To Be Determined @ Tier	No Lift Prior To Vehicle Install	1	TBD
				2	TBD
				3	TBD
3.7.2	Liner Removal	ISO 8510-2	Less Than or Equal To 65 N/m	1	9.6
				2	12.3
				3	9.5