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## TEST REPORT

PRODUCT: FT 3043  
SUPPORT: EPDM FOAM  
SUBSTRATE: ENDUROPRENE  
CERT NO.: 221215 - 1432



### GMW 16443-TYPE II-EXTERIOR-CYCLE-C

OEM Rev Date: Sep 17

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, After Humidity 168 hrs @ 40°C / 100% RH per GMW 14729 Option

3.5.6, Cycle Exposure, GMW 14124 12, 2x Cycle C

17 hrs @ -30°C

72 hrs @ 70°C

24 hrs @ 40°C / 95% RH

7 hrs @ -30°C

17 hrs @ 40°C / 95% RH

7 hrs @ 70°C

24 hrs @ 40°C / 95% RH

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

**Specification**  
**Securely Bonded**

**Results**  
Stable, No Lifting or Removal

**Status**  
**Pass**

**Securely Bonded**

Stable, No Lifting or Removal

**Pass**

**Securely Bonded**

Stable, No Lifting or Removal

**Pass**

**Securely Bonded**

Stable, No Lifting or Removal

**Pass**

**Securely Bonded**

Stable, No Lifting or Removal

**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, After Humidity 168 hrs @ 40°C / 100% RH per GMW 147

3.5.6, Cycle Exposure, GMW 14124 12, 2x Cycle C

17 hrs @ -30°C

72 hrs @ 70°C

24 hrs @ 40°C / 95% RH

7 hrs @ -30°C

17 hrs @ 40°C / 95% RH

7 hrs @ 70°C

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

**Specification**  
**525 N / m**

**Results**  
561.0

**Mode**  
CF

**Status**  
**Pass**

**525 N / m**

807.2

CF

**Pass**

**525 N / m**

692.3

CF

**Pass**

**525 N / m**

579.1

CF

**Pass**

**525 N / m**

783.4

CF

**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 Impacts**

**Results**  
No Impact Separation

**Status**  
**Pass**

##### SECTION: 3.7.1 Release Liner

3.7.2, Liner Removal @ RT

**Specification**  
**< 65 N / m**

**Results**  
22.8

**Status**  
**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 \*.

## Appendix A Table A2

PRODUCT: FT 3043

SUPPORT: EPDM FOAM

SUBSTRATE ENDUROPRENE

CERT NO.: 221215 - 1432

Table A2: GMW16443 Type II Applications Test Data Form

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	530.6	CF
				2	Stable, No Lifting or Removal	612.9	CF
				3	Stable, No Lifting or Removal	539.4	CF
3.5.4	Heat Aged 168 hrs @ 80°C per ISO 188			1	Stable, No Lifting or Removal	845.9	CF
				2	Stable, No Lifting or Removal	764.8	CF
				3	Stable, No Lifting or Removal	810.8	CF
3.5.5	After Humidity 168 hrs @ 40°C / 100% RH per GMW 14729 Option A			1	Stable, No Lifting or Removal	684.7	CF
				2	Stable, No Lifting or Removal	681.2	CF
				3	Stable, No Lifting or Removal	711.0	CF
3.5.6	Cycle Exposure, GMW 14124 12, 2x Cycle C			1	Stable, No Lifting or Removal	502.6	CF
				2	Stable, No Lifting or Removal	598.9	CF
				3	Stable, No Lifting or Removal	635.7	CF
				1			
				2			
				3			
3.5.8	Cold Shock, 72 hrs @ 54°C, 4 hrs @ -30°C			1	Stable, No Lifting or Removal	739.0	CF
				2	Stable, No Lifting or Removal	817.8	CF
				3	Stable, No Lifting or Removal	793.3	CF

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	Not Tested
				2	Not Tested
				3	Not Tested
3.7.2	Liner Removal	ISO 8510-2	Less Than Or Equal To 65 N/m	1	14.0
				2	19.3
				3	35.0