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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

###### Specification

Securely Bonded

###### Results

Stable, No Lifting or Removal

###### Status

Pass

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

###### Specification

Securely Bonded

###### Results

Stable, No Lifting or Removal

###### Status

Pass

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

###### Specification

Securely Bonded

###### Results

Stable, No Lifting or Removal

###### Status

Pass

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

###### Specification

Securely Bonded

###### Results

Stable, No Lifting or Removal

###### Status

Pass

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

###### SECTION 3.4 Peel Adhesion

ISO 8510-2

###### Specification

525 N / m

###### Results

561.0

###### Mode

CF

###### Status

Pass

3.5.3, Initial, As Received - 24 hrs @ RT

###### Specification

525 N / m

###### Results

807.2

###### Mode

CF

###### Status

Pass

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

###### Specification

525 N / m

###### Results

692.3

###### Mode

CF

###### Status

Pass

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

###### Specification

525 N / m

###### Results

579.1

###### Mode

CF

###### Status

Pass

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

783.4

###### Mode

CF

###### Status

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

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
3.5.8	Cold Shock, 72 hrs @ 54°C, 4 hrs @ -30°C			1			
				2			
				3			

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