



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: C501  
SUPPORT: 2 MIL PET  
SUBSTRATE: PP  
CERT NO.: 230109 - 1109

### 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



*Tested in accordance with JDC protocols and provided as product information only. Actual product and application substrates would need to be tested for OEM certification.*

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

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

###### SECTION 3.4 Peel Adhesion

3.5.3, Initial, As Received - 24 hrs @ RT

ISO 8510-2

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

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

###### SECTION 3.5.8 Cold Shock

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

###### SECTION: 3.7.1 Release Liner

3.7.2, Liner Removal @ RT

#### Specification

Securely Bonded

#### Results

Stable, No Lifting or Removal

#### Status

Pass

#### Specification

525 N / m

#### Results

1280.2

#### Mode

AF-P

#### Status

Pass

#### Specification

525 N / m

#### Results

1098.6

#### Mode

AF-P

#### Status

Pass

#### Specification

525 N / m

#### Results

1638.6

#### Mode

CF

#### Status

Pass

#### Specification

525 N / m

#### Results

1270.8

#### Mode

AF-P

#### Status

Pass

#### Specification

525 N / m

#### Results

1429.6

#### Mode

CF

#### Status

Pass

#### Specification

No Separation from 2

#### Results

No Impact Separation

#### Status

Pass

#### Specification

< 65 N / m

#### Results

7.0

#### 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: **C501**  
 SUPPORT: **2 MIL PET**  
 SUBSTRATE: **PP**  
 CERT NO.: **230109 - 1109**

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		Minimum of 525 N/m and Cohesive Failure of One or Both of the Adherends	1	Stable, No Lifting or Removal	1271.4	AF-P
				2	Stable, No Lifting or Removal	1294.2	AF-P
				3	Stable, No Lifting or Removal	1274.9	AF-P
3.5.4	Heat Aged 168 hrs @ 80°C per ISO 188			1	Stable, No Lifting or Removal	1080.5	AF-P
				2	Stable, No Lifting or Removal	1059.5	AF-P
				3	Stable, No Lifting or Removal	1155.8	AF-P
3.5.5	Humidity 168 hrs @ 38°C / 100% RH per GMW 14729 Option A			1	Stable, No Lifting or Removal	1649.7	CF
				2	Stable, No Lifting or Removal	1544.6	CF
				3	Stable, No Lifting or Removal	1721.5	CF
3.5.6	Cycle Exposure, GMW 14124, 2x Cycle C			1	Stable, No Lifting or Removal	1199.6	AF-P
				2	Stable, No Lifting or Removal	1325.7	AF-P
				3	Stable, No Lifting or Removal	1287.2	AF-P
				1			
				2			
				3			
3.5.8	Cold Shock, 72 hrs @ 54°C, 4 hrs @ -30°C			1	Stable, No Lifting or Removal	1397.5	CF
				2	Stable, No Lifting or Removal	1478.1	CF
				3	Stable, No Lifting or Removal	1413.3	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	TBD
				2	TBD
				3	TBD
3.7.2	Liner Removal	ISO 8510-2	Less Than or Equal To 65 N/m	1	5.3
				2	8.8
				3	7.0