



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 1149X**  
SUPPORT: **FELT**  
SUBSTRATE: **ABS**  
CERT NO.: **231122 - 0603**



**FORD ESB-M3G76-B2-**  
OEM Rev Date: Nov 19  
Tape, PET - Two Sided PSA

#### TAPE REQUIREMENTS:

#### SECTION 3.3 Thickness, Polyester Film Only

|                          | <u>Specification</u> | <u>Results</u> | <u>Status</u> |
|--------------------------|----------------------|----------------|---------------|
| 3.3 Nominal Thickness, , | <b>0.013 N / mm</b>  | Not Applicable | <b>NA</b>     |

#### SECTION 3.4 Breaking Strength

|                           | ASTM D1000 | <u>Specification</u> | <u>Results</u> | <u>Status</u> |
|---------------------------|------------|----------------------|----------------|---------------|
| 3.4 Breaking Strength, MD |            | <b>3.5 N / mm</b>    |                | <b>NA</b>     |
| 3.4 Breaking Strength, CD |            | <b>3.5 N / mm</b>    | N / m          | <b>NA</b>     |

#### SECTION 3.5 Elongation

|                    | ASTM D1000 | <u>Specification</u> | <u>Results</u> | <u>Status</u> |
|--------------------|------------|----------------------|----------------|---------------|
| 3.5 Elongation, MD |            | <b>70 % min</b>      |                | <b>NA</b>     |
| 3.5 Elongation, CD |            | <b>70 % min</b>      |                | <b>NA</b>     |

#### SECTION 3.6 180° Peel Adhesion

|                                  | ASTM D1000 | <u>Specification</u> | <u>Results</u> | <u>Status</u> |
|----------------------------------|------------|----------------------|----------------|---------------|
| 3.6.1, Immediately After Bonding |            | <b>219 N / m min</b> | 855.1          | <b>Pass</b>   |
| 3.6.2, Aged, 72 hrs @ RT         |            | <b>657 N / m min</b> | 754.4          | <b>Pass</b>   |
| 3.6.3, CycleTest (5x)            |            | <b>438 N / m min</b> | 1074.5         | <b>Pass</b>   |

- 4 hrs @ 70°C
- 4 hrs @ 38°C / 95% RH
- 16 hrs @ -29°C
- 4 hrs @ 38°C / 95% RH
- 4 hrs @ 70°C
- 16 hrs @ -29°C

#### SECTION 3.7 Migration Stain

|  | FLTM BO 115-1* | <u>Specification</u> | <u>Results</u> | <u>Status</u> |
|--|----------------|----------------------|----------------|---------------|
| 3.7 48 Hour Fluorescence, White Enamel |                | <b>None</b>          | Not Applicable | <b>NA</b>     |

#### SECTION 3.8 Liner Removal

|                     | ASTM D1000 | <u>Specification</u> | <u>Results</u> | <u>Status</u> |
|---------------------|------------|----------------------|----------------|---------------|
| 3.8 Initial Release |            | <b>55 N / m max</b>  | 22.7           | <b>Pass</b>   |

#### SECTION 3.9 Storage Stability

|  |  | <u>Specification</u>             | <u>Results</u> | <u>Status</u>     |
|--|--|----------------------------------|----------------|-------------------|
| 3.9 Liner Removal after 12 Months Below 32°C |  | <b>No Appreciable Difference</b> | Not Tested     | <b>Not Tested</b> |

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 \*.