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**TEST REPORT**

PRODUCT: FT 1158  
 SUPPORT: EPDM FOAM  
 SUBSTRATE: PAINTED METAL  
 CERT NO.: 230105 - 1104



**INTEVA MX650011 Type IV-CYCLE-E**

OEM Rev Date: Mar 08  
 Adhesion Performance Requirements of Pressure Sensitive Adhesive Coated Parts (Minimal Stress) Type IV  
 5.4 For a part bonded on line or at a Tier 1 supplier, with no additional mechanical fastening, and subjected to low stress during service:

Passing Type IV Meets and Exceeds Type I, II and III Requirements

**TAPE REQUIREMENTS:**

**4. REQUIREMENTS**

**SECTION 4.3.1 Creep Resistance**

4.3.1, A Initial, Bonded @ 25°C, 50% RH - 7 Days @ 40°C

**Specification**  
 No Lifting or Shifting

**Results**  
 Stable, No Lifting or Removal

**Status**  
 Pass

4.3.1, Cycle E Environments

**No Lifting or Shifting**

Stable, No Lifting or Removal

**Pass**

**SECTION 4.3.2 Peel Adhesion**

4.3.2, A Bonded @ 25°C, 50% RH - 20 mins @ RT

**Specification**  
 350 N / m

**Results**  
 875.6

**Status**  
 Pass

4.3.2, Cycle E Environments

72 hrs @ 70°C  
 24 hrs @ 38°C / 95% RH  
 8 hrs @ -30°C  
 40 hrs @ 70°C  
 24 hrs @ 38°C / 95% RH  
 8 hrs @ -30°C

**350 N / m**  
**350 N / m**  
**350 N / m**  
**350 N / m**  
**350 N / m**  
**350 N / m**

913.6  
 713.9  
 711.0  
 1144.2  
 979.0  
 810.3

**Pass**  
**Pass**  
**Pass**  
**Pass**  
**Pass**  
**Pass**

**SECTION 4.3.3 Impact**

4.3.3, A Bonded @ 25°C, 50% RH, - 20 mins @ RT

**Specification**  
 No Separation from 2 Impacts

**Results**  
 No Impact Separation

**Status**  
 Pass

4.3.3, Cycle E Environments

72 hrs @ 70°C  
 24 hrs @ 38°C / 95% RH  
 8 hrs @ -30°C  
 40 hrs @ 70°C  
 24 hrs @ 38°C / 95% RH  
 8 hrs @ -30°C

**No Separation from 2 Impacts**  
**No Separation from 2 Impacts**  
**No Separation from 2 Impacts**  
**No Separation from 2 Impacts**  
**No Separation from 2 Impacts**  
**No Separation from 2 Impacts**

No Impact Separation  
 No Impact Separation  
 No Impact Separation  
 No Impact Separation  
 No Impact Separation  
 No Impact Separation

**Pass**  
**Pass**  
**Pass**  
**Pass**  
**Pass**  
**Pass**

**SECTION 4.3.4 Edge Adhesion**

4.3.4, A Bonded @ 25°C, 50% RH - 20 mins @ RT

**Specification**  
 Securely Bonded

**Results**  
 Stable, No Lifting or Removal

**Status**  
 Pass

4.3.4, Cycle E Environments

**Securely Bonded**

Stable, No Lifting or Removal

**Pass**

CERTIFIED BY:

Dave Nichols Jr, Automotive Lab Technician

ISSUE DATE:

1-1-24

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 \*.