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|--|----------------|-----------------|
| <b>Test Report</b>   | Product:       | X17035          |
| GMW16443 Type 2- Interior- September 2017                                  | Test Substrate | Stainless Steel |
| Document Title: Adhesion Performance Requirements for Adhesive backed Foam | Report Date    | 9/18/2018       |

| Test Parameter                              | Requirements  | Result   | Status     |
|---|---|--|------------|
| <b>3.3.3 Edge Adhesive</b>                  |   |  |            |
| 3.5.3 As Received                           | No signs of lift or separation from the bonded to substrate. During heat exposure, the adhesive must not flow | No signs of lift or separation from the bonded to substrate. During heat exposure, the adhesive did not flow | PASS       |
| 3.5.4 Heat Aged 168 hrs @ 80°C              |   |  | PASS       |
| 3.5.5 Humidity 168 hrs @ 38°C & 98% RH      |   |  | PASS       |
| 3.5.6 Cycle Exposure: GMW14124, Cycle C, 2x |   |  | PASS       |
| 3.5.8 Cold Shock: Impact                    | Must withstand  | Withstood Impact   | PASS       |
| <b>3.4 180° Peel Adhesion</b>               |   |  |            |
| 3.5.3 As Received                           | 525 N/m Minimum   | 1138 N/m   | PASS       |
| 3.5.4 Heat Aged 168 hrs @ 80°C              | 525 N/m Minimum   | 1295 N/m   | PASS       |
| 3.5.5 Humidity 168 hrs @ 38°C & 98% RH      | 525 N/m Minimum   | 1194 N/m   | PASS       |
| 3.5.6 Cycle Exposure: GMW14124, Cycle C, 2x | 525 N/m Minimum   | 1033 N/m   | PASS       |
| 3.5.8 Cold Shock: 180° Peel Adhesion        | 525 N/m Minimum   | 1269 N/m   | PASS       |
| <b>3.7 Release Liner<sup>1</sup></b>        |   |  |            |
| Liner Contact 90 Days                       | Maintain contact  | NOT TESTED   | NOT TESTED |
| Liner Removal 90 Days                       | 65 N/m Max  | NOT TESTED   | NOT TESTED |

Adhesive Applications X17035 backed with 1 mil PET film

<sup>1</sup> Not Tested: Requires OEM production part

Approved By: Adhesive Applications Technical Department

Date: 9/18/2018

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