



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: **PET FOAM**
 SUBSTRATE: **ABS**
 CERT NO.: **230103 - 1159**



FCA PF-10770
 OEM Rev Date: Feb 15
 Adhesion - PSA, Cellular and Fibrous Materials
 Table 2 Flexible Composites

*** FCA 2015 Revision Requirements Are for Steel, Plastic Requirements to be Determined*

TAPE REQUIREMENTS:

SECTION:	Heat Resistance	Specification	Results	Status
2.2, Heat Resistance, Initial, 2 hrs @ RT	LP-463TB-03-01*	No Adhesion Loss or Lifting	Stable, No Lift or Adhesion Loss	Pass
2.2, Heat Resistance, 168 hrs @ 79°C	LP-463CB-10-01*	No Adhesion Loss or Lifting	Stable, No Lift or Adhesion Loss	Pass
2.2, Heat Resistance, 8 hrs @ 93°C	LP-463CB-10-01*	No Adhesion Loss or Lifting	Stable, No Lift or Adhesion Loss	Pass
2.2, Heat Resistance, 24 hrs Water Immersion	ASTM D1735	No Adhesion Loss or Lifting	Stable, No Lift or Adhesion Loss	Pass
2.2, Heat Resistance, Cycles (5x) 24 hrs @ 79°C 24 hrs @ 38°C / 95% RH 24 hrs @ -29°C	ASTM D1735	No Adhesion Loss or Lifting	Stable, No Lift or Adhesion Loss	Pass
3.0, Adhesion, Initial, 2 hrs @ RT	LP-463TB-03-01*	0.9 N / cm	7.6	Pass
3.0, Adhesion, 168 hrs @ 79°C	LP-463CB-10-01*	3.3 N / cm	8.5	Pass
3.0, Adhesion, 8 hrs @ 93°C	LP-463CB-10-01*	3.3 N / cm	9.9	Pass
3.0, Adhesion, 24 hr Water Immersion	ASTM D1735	3.3 N / cm	9.0	Pass
3.0, Adhesion, Heat Resistance, Cycles (5x) 24 hrs @ 79°C 24 hrs @ 38°C / 95% RH 24 hrs @ -29°C	ASTM D1735	3.3 N / cm	8.4	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.