

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: F SUPPORT: P SUBSTRATE: P CERT NO.: 23

FT 1149X PEU FOAM PP 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:3.0Heat ResistanceLP-463TB-03-01*2.2, Heat Resistance, Initial, 2 hrs @ RT	Specification	<u>Results</u>	<u>Status</u>
	No Adhesion Loss or Lifting	Stable, No Lift or Adhesion Loss	Pass
SECTION: <b>3.0</b> Heat Resistance LP-463CB-10-01*	Specification	<u>Results</u>	<u>Status</u>
2.2, Heat Resistance, 168 hrs @ 79°C	No Adhesion Loss or Lifting	Stable, No Lift or Adhesion Loss	Pass
SECTION: <b>3.0</b> Heat Resistance LP-463CB-10-01*	Specification	<u>Results</u>	<u>Status</u>
2.2, Heat Resistance, 8 hrs @ 93°C"	No Adhesion Loss or Lifting	Stable, No Lift or Adhesion Loss	Pass
SECTION: <b>3.0</b> Heat Resistance	Specification	<u>Results</u>	<u>Status</u>
2.2, Heat Resistance, 24 hrs Water Immersion	No Adhesion Loss or Lifting	Stable, No Lift or Adhesion Loss	Pass
SECTION: 3.0 Heat Resistance ASTM D1735   2.2, Heat Resistance, Cycles (5x) 24 hrs @ 79°C 24 hrs @ 38°C / 95% RH   24 hrs @ -29°C 24 hrs @ -29°C 38°C / 95% RH	Specification	<u>Results</u>	<u>Status</u>
	No Adhesion Loss or Lifting	Stable, No Lift or Adhesion Loss	Pass
SECTION: <b>3.0 Peel Adhesion</b> LP-463TB-03-01*	Specification	Results	<u>Status</u>
3.0, Adhesion, Initial, 2 hrs @ RT	0.9 N / cm	8.5	Pass
SECTION: <b>3.0 Peel Adhesion</b> LP-463CB-10-01*	Specification	<u>Results</u>	<u>Status</u>
3.0, Adhesion, 168 hrs @ 79°C	3.3 N/cm	9.9	Pass
SECTION: <b>3.0</b> Peel Adhesion LP-463CB-10-01*	Specification	<u>Results</u>	<u>Status</u>
3.0, Adhesion, 8 hrs @ 93°C	3.3 N/cm	10.0	Pass
SECTION: <b>3.0 Peel Adhesion</b>	Specification	Results	<u>Status</u>
3.0, Adhesion, 24 hr Water Immersion	3.3 N / cm	10.7	Pass
SECTION: <b>3.0 Peel Adhesion</b> ASTM D1735 3.0, Adhesion, Heat Resistance, Cycles (5x) 24 hrs @ 79°C 24 hrs @ 38°C / 95% RH	Specification 3.3 N / cm	<u>Results</u> 10.4	<u>Status</u> Pass

CERTIFIED BY:

Dave Nichols Jr, Automotive Lab Technician

24 hrs @ -29°C

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 \*.

Avery Dennison Performance Tapes 250 Chester St. Painesville, Ohio 44077

ISSUE DATE:

Original Test Date:

<u>1-1-25</u>

8-14-2017