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## TEST REPORT

PRODUCT: FT 1149X  
SUPPORT: 6.25 MM BLACK FELT  
SUBSTRATE: TPO MIC BLACK  
CERT NO.: 230103 - 1200



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: 3.0 Heat Resistance LP-463-TB-03* 2.2, Initial, 2 hrs @ RT	<u>Specification</u> No Adhesion Loss or Lifting	<u>Results</u> Stable, No Lift or Adhesion Loss	<u>Status</u> Pass
SECTION: 3.0 Heat Resistance LP-463-CB-10* 2.2, Heat Resistance, 168 hrs @ 79°C	<u>Specification</u> No Adhesion Loss or Lifting	<u>Results</u> Stable, No Lift or Adhesion Loss	<u>Status</u> Pass
SECTION: 3.0 Heat Resistance LP-463-CB-10* 2.2, Heat Resistance, 8 hrs @ 93°C	<u>Specification</u> No Adhesion Loss or Lifting	<u>Results</u> Stable, No Lift or Adhesion Loss	<u>Status</u> Pass
SECTION: 3.0 Heat Resistance 2.2, 24 hrs Water Immersion	<u>Specification</u> No Adhesion Loss or Lifting	<u>Results</u> Stable, No Lift or Adhesion Loss	<u>Status</u> Pass
SECTION: 3.0 Heat Resistance ASTM D1735 2.2, Cycles (5x) 72 hrs @ 70°C 24 hrs @ 38°C / 95% RH 24 hrs @ -29°C	<u>Specification</u> No Adhesion Loss or Lifting	<u>Results</u> Stable, No Lift or Adhesion Loss	<u>Status</u> Pass
SECTION: 3.0 Peel Adhesion LP-463-TB-03* 3.0, Adhesion, Initial, 2 hrs @ RT	<u>Specification</u> 0.9 N / cm	<u>Results</u> 3.7	<u>Status</u> Pass
SECTION: 3.0 Peel Adhesion LP-463-CB-10* 3.0, Adhesion, 168 hrs @ 79°C	<u>Specification</u> 3.3 N / cm	<u>Results</u> 10.0	<u>Status</u> Pass
SECTION: 3.0 Peel Adhesion LP-463-CB-10* 3.0, Adhesion, 8 hrs @ 93°C	<u>Specification</u> 3.3 N / cm	<u>Results</u> 15.8	<u>Status</u> Pass
SECTION: 3.0 Peel Adhesion 3.0, Adhesion, 24 hr Water Immersion	<u>Specification</u> 3.3 N / cm	<u>Results</u> 5.1	<u>Status</u> Pass
SECTION: 3.0 Peel Adhesion ASTM D1735 3.0, Adhesion, Cycles (5x) Adhesion, Cycles (5x) 72 hrs @ 70°C 24 hrs @ 38°C / 95% RH	<u>Specification</u> 3.3 N / cm	<u>Results</u> 9.9	<u>Status</u> 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

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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 \*.