



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: **AFB 8380B**
SUPPORT: **ABS**
SUBSTRATE: **RK 8046**
CERT NO.: **221221 - 1254**



HONDA ADHESIVE EMBLEM
OEM Rev Date: Jan 07
Chromium Plated Emblem Adhesion Quality Standard

GENERAL MATERIAL QUALITY:

PERFORMANCE

SECTION: 1. Shear Separation

	Specification	Results	Status
3-1-1 Normal Condition, 24 hrs @ 23°C	No Separation	No Lifting, Degradation or Separation	Pass
3-1-2 Hot Condition, 1 hr @ 80°C, Test @ 80°C	No Separation	No Lifting, Degradation or Separation	Pass
3-1-3 Heat Resistance, 250 hrs @ 80°C	No Separation	No Lifting, Degradation or Separation	Pass
3-1-4 Cold Resistance, 24 hrs @ -30°C	No Separation	No Lifting, Degradation or Separation	Pass
3-1-5 Thermal Cycle Resistance, 10 Cycles 16 hrs @ 80°C 24 hrs @ 49°C 98% RH 8 hrs @ -30°C 1 hr @ 23°C	No Separation	No Lifting, Degradation or Separation	Pass
3-1-6 Moisture Resistance, 72 hrs Water Immersion @ 40°C	No Separation	No Lifting, Degradation or Separation	Pass
3-1-7 Weather Resistance, W-O-M 400 hrs	No Separation	Not Tested	Not Tested
3-1-8 Solvent Resistance, 10 min @ 23°C Kerosene Window Washer Fluid Alkaline liquid (0.1N-NaOH) Acidic liquid (0.1N-H2SO4)	No Separation	No Lifting, Degradation or Separation No Lifting, Degradation or Separation Not Tested Not Tested	Pass Pass Not Tested Not Tested
3-1-9 Initial Low Temp Resistance, Apply @ 15°C, 24 hrs @ -5°C	No Separation	No Lifting, Degradation or Separation	Pass

SECTION: 1. Shear Separation Strength

	Specification	Results	Status
3-1-1 Normal Condition, 24 hrs @ 23°C	0.4 MPa	0.94	Pass
3-1-2 Hot Condition, 1 hr @ 80°C, Test @ 80°C	0.3 MPa	0.40	Pass
3-1-3 Heat Resistance, 250 hrs @ 80°C	0.7 MPa	2.07	Pass
3-1-4 Cold Resistance, 24 hrs @ -30°C	0.4 MPa	1.21	Pass
3-1-5 Thermal Cycle Resistance, 10 Cycles	0.5 MPa	1.58	Pass
3-1-6 Moisture Resistance, 72 hrs Water Immersion @ 40°C	0.4 MPa	0.89	Pass
3-1-7 Weather Resistance, W-O-M 400 hrs	0.5 MPa	Not Tested	Not Tested
3-1-8 Solvent Resistance, 10 min @ 23°C Kerosene Window Washer Fluid Alkaline liquid (0.1N-NaOH) Acidic liquid (0.1N-H2SO4)	0.4 MPa	1.15 1.21 Not Tested Not Tested	Pass Pass Not Tested Not Tested
3-1-9 Initial Low Temp Resistance, Apply @ 15°C, 24 hrs @ -5°C	0.4 MPa	0.74	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 *.