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**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**

	<b>Specification</b>	<b>Results</b>	<b>Status</b>
3-1-1 Normal Condition, 24 hrs @ 23°C	<b>No Separation</b>	No Lifting, Degradation or Separation	<b>Pass</b>
3-1-2 Hot Condition, 1 hr @ 80°C, Test @ 80°C	<b>No Separation</b>	No Lifting, Degradation or Separation	<b>Pass</b>
3-1-3 Heat Resistance, 250 hrs @ 80°C	<b>No Separation</b>	No Lifting, Degradation or Separation	<b>Pass</b>
3-1-4 Cold Resistance, 24 hrs @ -30°C	<b>No Separation</b>	No Lifting, Degradation or Separation	<b>Pass</b>
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	<b>No Separation</b>	No Lifting, Degradation or Separation	<b>Pass</b>
3-1-6 Moisture Resistance, 72 hrs Water Immersion @ 40°C	<b>No Separation</b>	No Lifting, Degradation or Separation	<b>Pass</b>
3-1-7 Weather Resistance, W-O-M 400 hrs	<b>No Separation</b>	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)	<b>No Separation</b>	No Lifting, Degradation or Separation No Lifting, Degradation or Separation Not Tested Not Tested	<b>Pass</b> <b>Pass</b> Not Tested Not Tested
3-1-9 Initial Low Temp Resistance, Apply @ 15°C, 24 hrs @ -5°C	<b>No Separation</b>	No Lifting, Degradation or Separation	<b>Pass</b>

**SECTION: 1. Shear Separation Strength**

	<b>Specification</b>	<b>Results</b>	<b>Status</b>
3-1-1 Normal Condition, 24 hrs @ 23°C	<b>0.4 MPa</b>	0.94	<b>Pass</b>
3-1-2 Hot Condition, 1 hr @ 80°C, Test @ 80°C	<b>0.3 MPa</b>	0.40	<b>Pass</b>
3-1-3 Heat Resistance, 250 hrs @ 80°C	<b>0.7 MPa</b>	2.07	<b>Pass</b>
3-1-4 Cold Resistance, 24 hrs @ -30°C	<b>0.4 MPa</b>	1.21	<b>Pass</b>
3-1-5 Thermal Cycle Resistance, 10 Cycles	<b>0.5 MPa</b>	1.58	<b>Pass</b>
3-1-6 Moisture Resistance, 72 hrs Water Immersion @ 40°C	<b>0.4 MPa</b>	0.89	<b>Pass</b>
3-1-7 Weather Resistance, W-O-M 400 hrs	<b>0.5 MPa</b>	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)	<b>0.4 MPa</b>	1.15 1.21 Not Tested Not Tested	<b>Pass</b> <b>Pass</b> Not Tested Not Tested
3-1-9 Initial Low Temp Resistance, Apply @ 15°C, 24 hrs @ -5°C	<b>0.4 MPa</b>	0.74	<b>Pass</b>

CERTIFIED BY:   
 Dave Nichols Jr, Automotive Lab Technician

ISSUE DATE: 1-1-24

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 \*.