



Reliability Laboratory

TEST REPORT

Report No.: HC80078/2013

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Date: August 16, 2013

JETCOM INTERNATIONAL DEVELOPMENT LTD.
RM1905 NAN FUNG CENTRE 264-298 CASTLE
PEAK ROAD TUSEN WAN NT HONG KONG

The following merchandise was submitted and identified by the vendor as:

Product Description: Spray Coating Glass Film
Style/ Item No.: Liquid Shield/ No.1
Quantity: Total 1 piece
Testing Period: Aug. 14, 2013

We have tested the submitted sample(s) as requested and the following results were obtained:

Test Required : (According to client's test specification, please see following sheets in detail.)

1. Pencil Hardness Test

Test Results: - PLEASE SEE ATTACHED SHEETS -

Signed for and on behalf of
SGS TAIWAN Ltd.

Winson Tseng
Asst. Manager

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1. Pencil Hardness Test:

Test Equipment:

Name	Brand	Model	Serial No.
Hardness Testing Pencil	MITSUBISHI	—	—

Lab Environmental Conditions:

Ambient Temperature : $(25 \pm 3) ^\circ\text{C}$

Ambient humidity : $(55 \pm 20) \% \text{RH}$

Test Method/ Specification:

Test method: Reference to JIS K5400: 1990

Applied angle: 45 °

Applied load (vertical): 750 gf

Test procedure: Identify the hardness scale of specimens for gouge hardness and scratch hardness.

- **Gouge Hardness:** The hardest pencil that will leave the film uncut for a stroke length of at least 3 mm.
- **Scratch Hardness:** The hardest pencil that will not rupture or scratch the film.
- **Scale of Hardness:**

6B-5B-4B-3B-2B-B-HB-F-H-2H-3H-4H-5H-6H-7H-8H-9H

Softer

Harder

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Specimen:

Style/ Item No.: Liquid Shield/ No.1

Quantity: Total 1 piece

Test Result:

Check Item Style/ Item No.	Pencil Hardness Scale	
	Gouge Hardness	Scratch Hardness
Liquid Shield/ No.1	>9H	>9H

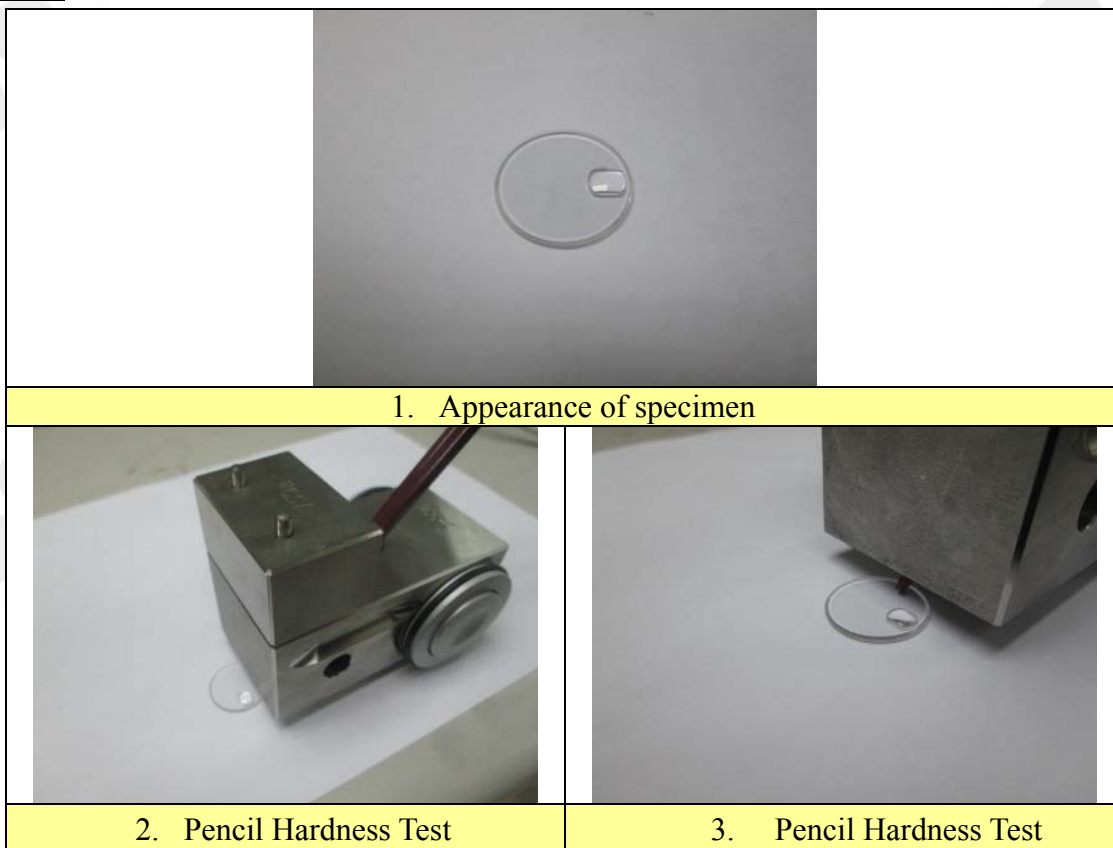
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Test Photos:



— — — **The End of Test Report** — — —

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