

# TEST REPORT

No. : GZIN1908046510PS

Date : Sep 11, 2019

Page: 1 of 4



CUSTOMER NAME: VERTEK FILMS LTD.  
 ADDRESS: UNIT 202, 2/F, DINA HOUSE, 11 DUDELL STREET, CENTRAL,  
 HONG KONG

Sample Name : VERTEK PAINT PROTECTION FILM  
 Material and Mark : TPU  
 Other Information : COUNTRY OF ORIGIN: USA

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

\*\*\*\*\*

Date of Receipt : Aug 29, 2019  
 Testing Start Date : Aug 29, 2019  
 Testing End Date : Sep 11, 2019  
 Test result(s) : For further details, please refer to the following page(s)  
 (Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for  
 SGS-CSTC Standards Technical  
 Services Co., Ltd. GZ Branch Testing  
 Center



Quincey lee  
 Authorized signatory



SGS-CSTC Standards Technical Services Co., Ltd.  
 Guangzhou Branch Testing Center Materials Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overseas, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

188 Kechu Road, Science Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155861 f (86-20) 82075080 www.sgs.com.cn  
 中国·广州·经济技术开发区科学城科珠路188号 邮编: 510663 t (86-20) 82155861 f (86-20) 82075080 e sgs.china@sgs.com

# TEST REPORT

No. : GZIN1908046510PS

Date : Sep 11, 2019

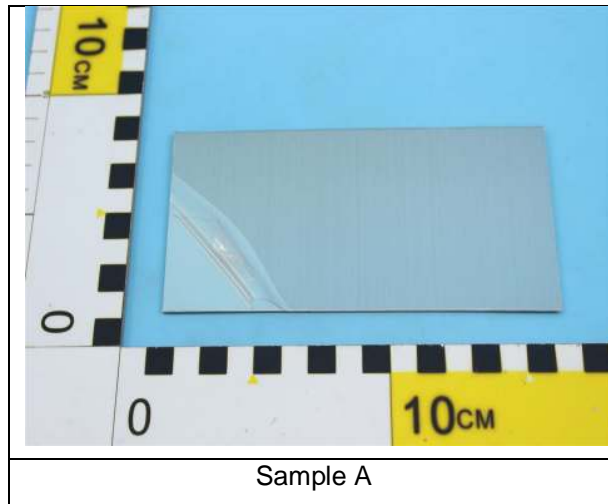
Page: 2 of 4

Summary of Results:

| No. | Test Item                     | Test Method                          | Result      | Conclusion |
|-----|-------------------------------|--------------------------------------|-------------|------------|
| 1   | Light Ageing Test-UV Exposure | ASTM G154-16 Cycle 1 & ASTM D2244-16 | See results | /          |

Note: Pass : Meet the requirements;  
 Fail : Does not meet the requirements;  
 / : Not Apply to the judgment.

Original Sample Photo:



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overseas, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS CSTC (China) Inspection & Testing Services Co., Ltd. 188 Kechu Road, Science Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155661 f (86-20) 82075080 www.sgs.com.cn  
 中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155661 f (86-20) 82075080 e sgs.china@sgs.com

# TEST REPORT

No. : GZIN1908046510PS

Date : Sep 11, 2019

Page: 3 of 4

Test Item: Light Ageing Test-UV Exposure

Sample Description: Film

Test Method: ASTM G154-16 Cycle 1 & ASTM D2244-16

Test Condition:

Exposure cycle:

ASTM G154-16 Cycle 1

Lamp type: UVA-340

8h UV at (60±3)°C BPT, 0.89W/(m<sup>2</sup>•nm)@340nm

4h condensation at (50±3)°C BPT

Exposure duration: 240h

Test Result:

| Sample | $\Delta E^*_{ab}$ | Appearance               |
|--------|-------------------|--------------------------|
| A      | 1.2               | No visual change of film |

Note:  $\Delta E^*_{ab}$  was measured by sphere spectrophotometer under D65 standard light source and with 10° observer. The results include specular component reflection condition, 25mm aperture.



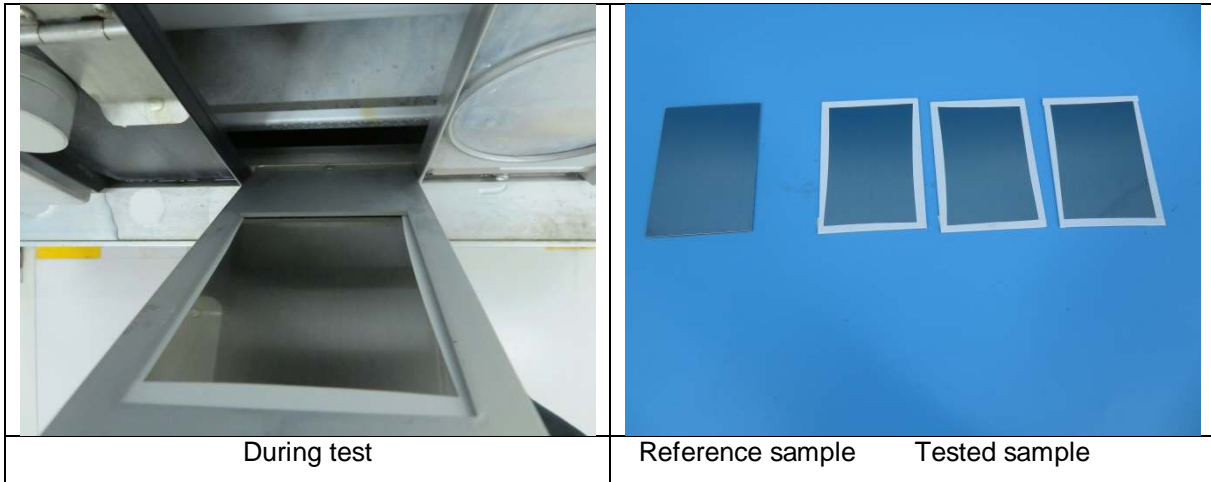
# TEST REPORT

No. : GZIN1908046510PS

Date : Sep 11, 2019

Page: 4 of 4

Test Photo:



Equipment Information:

| Equipment                        | Model    | Equipment No. | Calibration date | Next Calibration date |
|----------------------------------|----------|---------------|------------------|-----------------------|
| UV Accelerated Weathering Tester | QUV-Se   | GZMR-AG-E058  | 2019-03-11       | 2020-03-10            |
| Sphere Spectrophotometer         | Color i7 | GZMR-AG-E155  | 2019-03-13       | 2020-03-12            |

\*\*\*\*\* End of report\*\*\*\*\*



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overseas, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Guangzhou Branch Technical Services Co., Ltd.      188 Kechu Road, Science Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663      t (86-20) 82155861 f (86-20) 82075080      www.sgs.com.cn  
 中国·广州·经济技术开发区科学城科珠路198号      邮编: 510663      t (86-20) 82155861 f (86-20) 82075080      e sgs.china@sgs.com