



# TEST REPORT



No.:WT204034669

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**Sample Description:** Face Shield

**Model/Specification/Grade:** HF-01

**Applicant:** UNITE SQUARE PACKGING INDUSTRY CO.,LTD.

**Applicant Address:** 207, Build a, Buxin Industnal Park, No.8  
Hongshiroad, YantianArea, Fenggang, Dongguan, Guangdong, China

**Date of Receipt:** 2020-05-07

**Test Period:** 2020-05-07 to 2020-05-19

**Test Location:** Longhua Experimental Base

Shenzhen Academy of  
Metrology & Quality Inspection  
(Stamp)



Approved by:

郝建金

Issue Date: 2020-05-19

Signature:

郝建金





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## Sample Information:

Sample Description: Face Shield

Trade Mark: -----

Model/Specification/Grade: HF-01

Serial/Batch No. of Sample: -----

Manufactured Date: 2020-04

Manufacturer: UNITE SQUARE PACKGING INDUSTRY CO.,LTD.

Manufacturer Address: 207, Build a, Buxin Industnal Park, No.8  
Hongshiroad, YantianArea, Fenggang, Dongguan, Guangdong, China

Sample Quantity: 5PCS

Sample Description before Testing: Normal.

## Client Information:

Applicant: UNITE SQUARE PACKGING INDUSTRY CO.,LTD.

Applicant Address: 207, Build a, Buxin Industnal Park, No.8  
Hongshiroad, YantianArea, Fenggang, Dongguan, Guangdong, China

Applicant Telephone: -----

Applicant Post Code: -----

## Test Information:

Date of Receipt: 2020-05-07

Applicant No.: 8290259

Enviroment Condition: (18~25) °C (50~70) %RH

Sampling Method: Delivered by Applicant

Judgment Basis: GB 32166.1-2016

Test Standard: GB 32166.1-2016 and other method standards refer to next pages

## Test Conclusion:

Test result refers to next pages.

Tested by:

陈洁冰

Checked by:

黄继



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Test items	Method standard	Requirements	Test results	Conclusions
1. Headbands	GB32166.1-2016	1. Headbands shall be adjustable or self-adjusting. 2. When used as the principal means of retention, headbands for spectacles shall be at least 5 mm wide over any portion which may come into contact with the wearer's head. 3. When used as the principal means of retention, headbands for goggles and face shields shall be at least 10 mm wide over any portion which may come into contact with the wearer's head.	Conformity  Not applicable  Width of headbands that contact with wearer(mm): 25.04 24.97 25.09	Conformity
2. The minimum size of mounted oculars (mm)	GB32166.1-2016	Type Face shield  The minimum size Height: 150 Top side length: 240 Bottom side length: 220	180.0mm 330.0mm 273.0mm	Conformity
3. Spherical power ( $m^{-1}$ )	GB/T 32166.2-2015	$\pm 0.06$	Principal meridian 1: Left: 0.00 Right: 0.00 Principal meridian 2: Left: 0.00 Right: 0.00	Conformity
4. Astigmatic power ( $m^{-1}$ )	GB/T 32166.2-2015	$\leq 0.06$	Left: 0.00 Right: 0.00	Conformity
5. Prismatic power (cm/m)	GB/T 32166.2-2015	$\leq 0.12$	Horizontal orientation: Left: 0.00 Right: 0.00 Vertical orientation: Left: 0.00 Right: 0.00	Conformity



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Test items	Method standard	Requirements	Test results	Conclusions
6. Prism imbalance for mounted oculars or covering two eyes (cm/m)	GB/T 32166.2-2015	Horizontal orientation: Base in $\leq 0.25$ Base out $\leq 0.75$ Vertical orientation: $\leq 0.25$	Horizontal orientation: 0.064 Base out Vertical orientation: 0.007	Conformity
7. Luminous transmittance (%)	GB/T 32166.2-2015	For clear oculars, the luminous transmittance at reference point should be no less than 85%.	Left: 90.6 Right: 90.4	Conformity
8. Wide angle scattering (Haze) (%)	GB/T 32166.2-2015	$\leq 2$	1.6	Conformity
9. Materials and surface quality	GB/T 32166.2-2015	The lens surface shall be free from any surface defects that may damage vision, such as bubbles, scratches, impurities, dark spots, corrosion spots, molds, dents, repair spots, spots, blisters, water stains, corrosion holes, gas impurities, fragments, cracks, polishing defects or ripples.	Conformity	Conformity



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Test items	Method standard	Requirements	Test results	Conclusions
10. Robustness	GB/T 32166.2-2015	<p>The minimum robustness for mounted oculars when tested in accordance with clause 6.1.2 of GB/T 32166.2-2015, On so testing the following defects shall not occur:</p> <p>a)Ocular fracture : an ocular shall be considered to have fractured if it cracks through its entire thickness into two or more pieces, or if more than 5 mg of the ocular material becomes detached from the surface away from the one struck by the ball, or if the ball passes through the ocular;</p> <p>b)Ocular deformation: an ocular shall be considered to have been deformed if a mark appears on the whitepaper on the opposite side to that struck by the ball.</p> <p>c)Ocular housing or frame fracture : an ocular housing or frame shall be considered to have failed if it separates into two or more pieces, or if it is no longer capable of holding an ocular in position, or if an unbroken ocular detaches from the frame, or if the ball passes through the housing or frame;</p>	After the test, marks was found on white paper	Unconformity







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Test items	Method standard	Requirements	Test results	Conclusions
13. Resistance to ignition	GB/T 32166.2-2015	After having undergone the test for resistance to ignition specified in clause 6.5 of GB/T 32166.2-2015 , eye protectors shall not ignite or continue to glow after withdraw of the test rod.	No continuous ignitions.	Conformity



END OF REPORT