



**Face Shield:**

[https://drive.google.com/file/d/  
1rbr2yUBcCPzdnRoDCvxyXKMc4E5CkrXH/view?usp=sharing](https://drive.google.com/file/d/1rbr2yUBcCPzdnRoDCvxyXKMc4E5CkrXH/view?usp=sharing)

**PRODUCT DOCUMENTS BELOW**



# DISHANG

Weihai Dishang Medical Technology Co., Ltd.

## Face Shield

### Technical Data Sheet

#### Description:

Disposable category II shield.  
Suitable for use with prescription lenses and protective masks.  
Can be used for prolonged periods.



#### Attributes:



**No Distortion  
Or Fatigue**



**Soft Foam  
Headband**

- Anti-static treatment.
- Fibreglass and distortion free.
- Screen size 32 x 22cm one size.
- Shield thickness 25 microns.
- Elastic 2cm W x 34cm L. Contains latex (may illicit allergic responses in individuals who are sensitised to latex).
- Foam headband relieves pressure.
- Light weight, optically clear.

#### Technical Features :

Description	Information
Age Group:	Adult
Brand:	Dishang Medical
Performance Standard:	PPE Category II
Test Certification:	EN166: 2001 Europe
Material:	Polyethylene Terephthalate Foam Headband
Sizes Available:	One Size: 32*22cm
Band Colour:	Blue
Gender:	Unisex
Personalised:	Non-Personalised
Shelf life:	3 years

\* Warning: use only against liquids or dust. This shield is not impact resistance. Do not use as protection against flame or sparks.

#### Use and Storage:

Temperature range for usage: -5°C – +55°C  
Recommended storage conditions: -20°C - +55°C <85% humidity  
Recommended maximum shelf life: 3 years.

#### Packaging:

10 pcs per poly-bag, 20 poly-bags per carton, 200 pcs per carton.  
Carton Size: 67\*39\*38cm.  
Carton gross weight: 7.8kg

## Test Report

Number: SHAH01204052

Applicant: Weihai Dishang Medical Technology Co., Ltd.  
ADD: Room 406-409,Block C, Innovation and Entrepreneurship  
Base, Huoju Rd. (No. 213), Torch Hi-tech Industrial Development  
Zone, Weihai City, Shandong Province,China

Date: 13 Apr, 2020

### Sample Description:

One (1) style of submitted sample said to be :

Item Name : FACE SHIELD.  
Supplier : Weihai Dishang Medical Technology Co.,Ltd  
Goods Exported To : UK.  
Country Of Origin : China.

### Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

### Conclusion:

Tested samples	Standard	Result
Submitted sample	EN 166:2001 – Personal eye-protection — Specifications Excluding: - Clause 6.2 – Materials - Clause 9 – Marking - Clause 10 - Information supplied by the manufacturer	Pass

To be continued

Authorized By:  
Intertek Testing Services Ltd, Shanghai, Wenzhou Branch



Peter Chen  
General Manager



## Test Report

Number: SHAH01204052

### Tests Conducted

#### Requirements for Eye-protectors

Test standard: EN 166:2001 – Personal eye-protection — Specifications

Number of samples tested: Four (4) pieces of face-shields.

Clause	Requirement	Result
6	Design and manufacturing requirements	
6.1	General construction	P
6.2	Materials	#1
6.3	Headbands	P
7	Basic, particular and optional requirements	
7.1	Basic requirements	
7.1.1	Field of vision	P
7.1.2.1	Spherical, astigmatic and prismatic refractive powers	
7.1.2.1.1	Unmounted oculars covering one eye	NA
7.1.2.1.2	Mounted oculars and unmounted oculars covering both eyes	P
7.1.2.1.3	Cover plates	NA
7.1.2.2	Transmittance	
7.1.2.2.1	Oculars without filtering action	P
7.1.2.2.2	Oculars with filtering action (filters) and housings for oculars with filtering action	NA
7.1.2.2.3	Variations in transmittance	NA
7.1.2.3	Diffusion of light	NR
7.1.3	Quality of material and surface	P
7.1.4	Robustness	
7.1.4.1	Minimum robustness	NA
7.1.4.2	Increased robustness	
7.1.4.2.1	Unmounted oculars	NA
7.1.4.2.2	Complete eye-protectors and frames	NR
7.1.5	Resistance to ageing	
7.1.5.1	Stability at an elevated temperature	P
7.1.5.2	Resistance to ultraviolet radiation (oculars only)(Partial test)	P
7.1.6	Resistance to corrosion	NA
7.1.7	Resistance to ignition	P
7.2	Particular requirements	
7.2.1	Protection against optical radiation	NA
7.2.2	Protection against high-speed particles	NA
7.2.3	Protection against molten metals and hot solids	NA
7.2.4	Protection against droplets and splashes of liquids	P



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Tests Conducted

Clause	Requirement	Result
7.2.5	Protection against large dust particles	NA
7.2.6	Protection against gases and fine dust particles	NA
7.2.7	Protection against short circuit electric arc	NA
7.2.8	Lateral Protection	NA
7.3	Optional requirements	
7.3.1	Resistance to surface damage by fine particles	NA
7.3.2	Resistance to fogging of oculars	NA
7.3.3	Oculars with enhanced reflectance in the infrared	NA
7.3.4	Protection against high speed particles at extremes of temperature	NA
9	Marking	#2
10	Information supplied by the manufacturer	#3

Abbreviation: P = Pass; NA = Not Applicable; NR = Not Requested by the applicant;

Test data:

7.1.2.1 Spherical, astigmatic and prismatic refractive powers

Optical power			Left ocular	Right ocular	Limit		
					Optical class		
					1	2	3
Spherical power (m <sup>-1</sup> )			0.00	0.00	±0.06	±0.12	+0.12 -0.25
Astigmatic power (m <sup>-1</sup> )			0.00	0.00	≤ 0.06	≤ 0.12	≤ 0.25
Prismatic power Difference Cm/m	Horizontal	Base out	0.03		≤ 0.75	≤ 1.00	≤ 1.00
		Base in	----		≤ 0.25	≤ 0.25	≤ 0.25
	Vertical		0.03		≤ 0.25	≤ 0.25	≤ 0.25

7.1.2.2 Transmittance

Range	Transmittance (%)		Requirement
	Left ocular	Right ocular	
380 - 780nm (T <sub>v</sub> )	89.36	89.15	≥ 74.4%

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To be continued

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Tests Conducted

7.1.5.2 Resistance to ultraviolet radiation

Relative change in luminous transmittance after irradiation (%)	Left ocular	-0.2	Requirement +5 % (17.8% ≤ T <sub>v</sub> ≤ 100%)
	Right ocular	-0.3	

Abbreviation:

- ≥ = More than or equal to
- ≤ = Less than or equal to

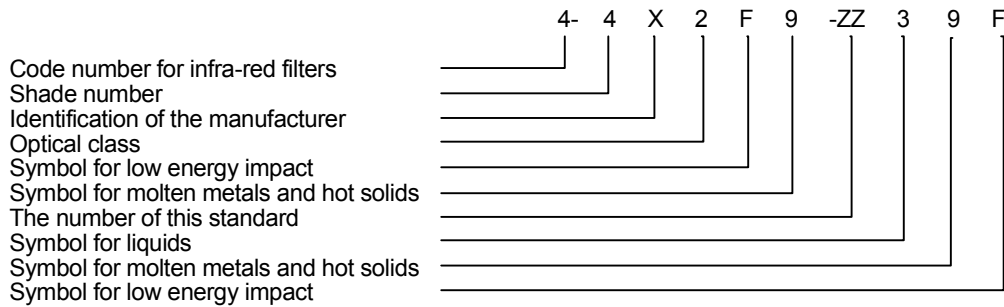
Remarks:

- #1 - No parts of the eye-protector which are in contact with the wearer shall be made of materials which are known to cause any skin irritation.
- #2 - Eye-protectors in which the frame and ocular form a single unit shall be marked on the frame.

The marking shall comprise the full ocular marking, a hyphen, the number of this standard and then any appropriate symbols for field of use and level of impact.

The following example illustrate the principle defined above:

Single unit eye-protector with infrared filter effect resistant to low energy impact, resistant to adherence of molten metal and penetration of hot solids, with the frame offering protection against liquids, molten metals and hot solids and being resistant to low energy impact.



To be continued



## Test Report

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#3 - The manufacturer shall provide with each eye-protector, replacement ocular and replacement frame at least the following information:

- (a) name and address of the manufacturer;
- (b) the number of this standard;
- (c) the eye-protector model identification;
- (d) instructions for storage, use and maintenance;
- (e) specific instructions for cleaning and disinfection;
- (f) details of the field of use, protection capabilities and performance characteristics;
- (g) details of suitable accessories and spare parts. Instructions for fitting shall be included with the original eye-protector and/or with the spare part or accessory;
- (h) the obsolescence deadline or period of obsolescence, if applicable, for the complete eye-protector and/or component parts;
- (i) the type of packaging suitable for transport, if applicable;
- (j) the significance of the marking on the frame and the ocular;
- (k) a warning that optical class 3 oculars are not intended for long term use, if applicable;
- (l) a warning concerning the compatibility of marking (see notes (4), (5) and (6) to Table 12);
- (m) a warning that materials which may come into contact with the wearer's skin could cause allergic reactions to susceptible individuals;
- (n) a warning that scratched or damaged oculars should be replaced;
- (o) a warning that eye-protectors against high speed particles worn over standard ophthalmic spectacles may transmit impacts, thus creating a hazard to the wearer;
- (p) a note to instruct that if protection against high speed particles at extremes of temperature is required then the selected eye-protector should be marked with the letter T immediately after the impact letter, i.e. FT, BT or AT. If the impact letter is not followed by the letter T then the eye protector shall only be used against high speed particles at room temperature.

Date sample received : Apr.8, 2020

Testing period : Apr.8, 2020 To Apr.13, 2020

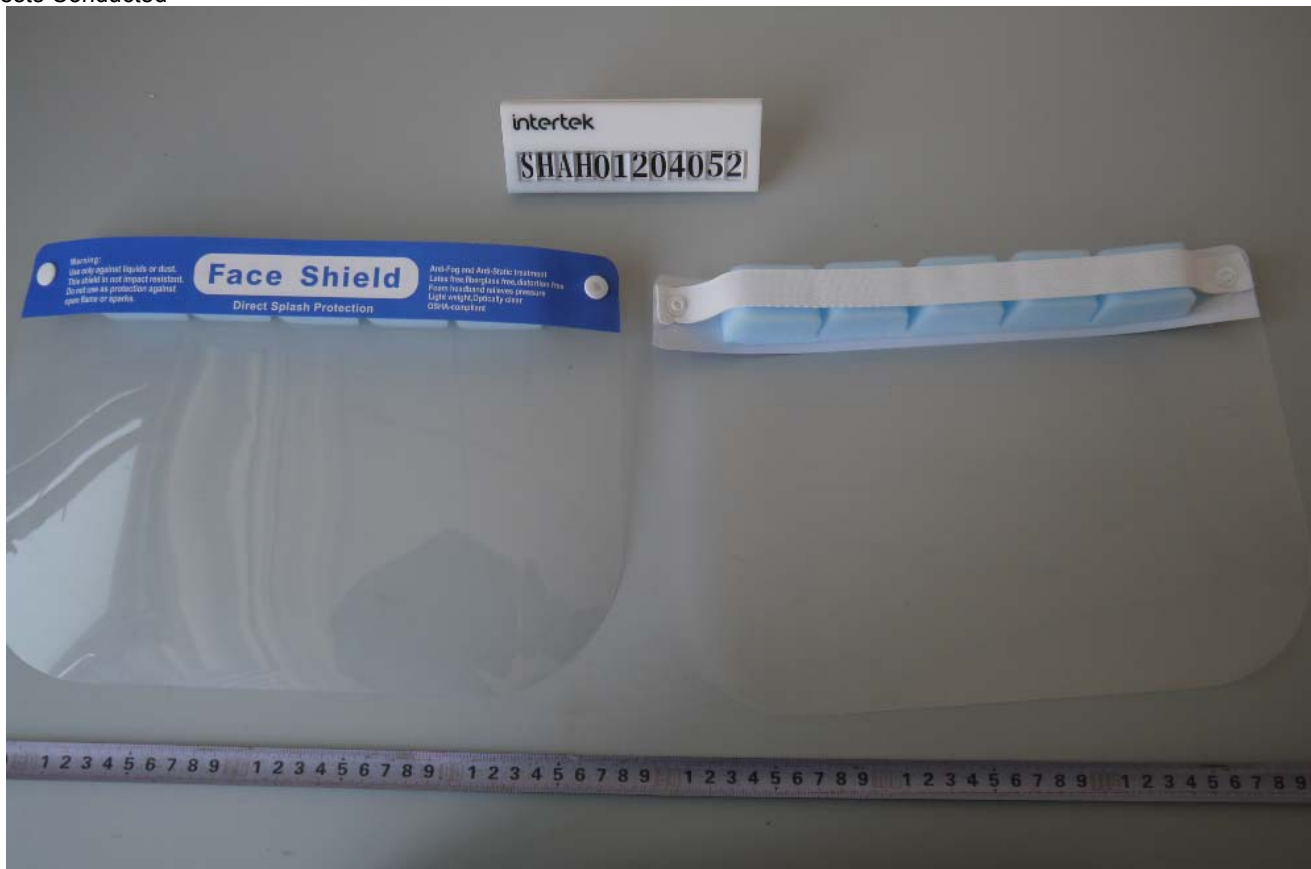
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To be continued

## Test Report

Number: SHAH01204052

### Tests Conducted



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End of report

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