

# Product Specifications

## GI10T Cordova Goggles

Safety Goggles, Clear Polycarbonate Lens with Anti-Fog Treatment and CASC (Cordova Anti- Scratch Coating), Indirect Ventilation, Elastic Strap

|                                 |                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Certification</b>            | CE EN166 Certified                                                                                                                                                                                                                                                                                                                                                             |
| <b>RoHS Compliant Materials</b> | Component materials have been tested/certified in accordance with RoHS Directive 2002/95/EC and its amendment directives. RoHS is a set of European standards that restricts the use of certain Hazardous Substances in products. These Hazardous Substances include mercury, lead, hexavalent chromium, cadmium, polybrominated biphenyls and polybrominated diphenyl ethers. |
| <b>Standard</b>                 | Meets or Exceeds ANSI Z87.1 Standard                                                                                                                                                                                                                                                                                                                                           |
| <b>Size</b>                     | 2.95in W x 6.1in L x 3.1in D<br>(7.5cm W x 15.5cm L x 8cm D)                                                                                                                                                                                                                                                                                                                   |
| <b>Unit of Sale</b>             | 12 units                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Case Pack</b>                | 24 boxes/case (288 units/case)                                                                                                                                                                                                                                                                                                                                                 |
| <b>Country of Origin</b>        | Taiwan                                                                                                                                                                                                                                                                                                                                                                         |



Model 57002

- Chemical splash resistant
- Impact resistant
- Scratch resistant
- Fog resistant

SS 57002\_20G4





March 12, 2020

RE: Cordova Goggle #GI10T

To Whom It May Concern:

The Cordova Safety Products #GI10T safety goggle has been tested/certified to EN 166 & EN170. The attached test documentation references Model 502C which is our manufacturer's internal product code. We confirm that our GI10T is the exact same goggle. Please let me know if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Scott M. Laxton".

Scott M. Laxton  
Vice President-Purchasing

## EC-Type Examination Certificate

|                         |                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Registration No.        | C5688GRV/R1                                                                                                                                                                                                                                                                                                                         |
| Product                 | Goggle with oculars without filtering action                                                                                                                                                                                                                                                                                        |
| Type, Model             | #502                                                                                                                                                                                                                                                                                                                                |
| Testing basis           | DIN EN 166:2002-04                                                                                                                                                                                                                                                                                                                  |
| Test reports/Test marks | 11717-PZA-17                                                                                                                                                                                                                                                                                                                        |
| Marking of the product  | Detailed marking see annex                                                                                                                                                                                                                                                                                                          |
| Validity period         | 2017-08-18 to 2022-08-09                                                                                                                                                                                                                                                                                                            |
| Conformity              | DIN CERTCO confirms that the prototype complies with the essential requirements according to the Annex II of Directive 89/686/EEC on personal protective equipment. This assessment was based on the test samples submitted by the manufacturer or distributor, the technical documents and the test report of the test laboratory. |

Any previous versions of this EC-Type Examination Certificate hereby cease to be valid.

Please see the annex for further information.

## ANNEX

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|                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Certificate</b>                  | C5688GRV/R1 dated 2017-08-18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Marking of the product</b>       | Ocular: GRV 1 F CE<br><br>Frame: GRV 166 F CE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Product specification</b>        | Mechanical strength: protection against high-speed particles F (45 m/s)<br>Optical class: 1<br><br>Ocular without filtering action<br>Material: Polycarbonate<br>Colour: Untinted<br>Centre thickness: 1.6 mm<br><br>Frame<br>Material: PVC<br>Colour: Untinted, black                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Regulations/<br/>Liabilities</b> | <p>This EC-Type Examination Certificate is the property of DIN CERTCO and may be withdrawn if the conditions on which its issue was based are no longer met.</p> <p>The manufacturer and/or distributor must have a declaration of conformity available for every product type.</p> <p>The information leaflet (instructions for use) for the specified eye protection product must be written in the official language of the country of destination and include, among other things, the following details of the Notified Body:</p> <p>DIN CERTCO Gesellschaft für<br/>Konformitätsbewertung mbH<br/>Alboinstr. 56<br/>12103 BERLIN<br/>GERMANY<br/>Identification number of the Notified Body: 0196</p> <p>As far as possible, the product must be labelled with the name and contact address of the manufacturer or, if the manufacturer is not based in the European Economic Area, the name and contact address of a representative or importer based in the European Economic Area.</p> |



## ANNEX

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### Certificate

C5688GRV/R1 dated 2017-08-18

It is not permitted to label the product with the identification number 0196.

All changes to the product, the technical documents or to the quality assurance system must be notified to DIN CERTCO in writing.

The General Terms and Conditions of Business of DIN CERTCO apply.



## Test Report

No. 1171-PZA-17 Part 1  
Rev. 0

Contact person: Lisa Döring

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e-mail: lisa.doering@dincertco.de

Accredited by the Deutsche  
Akkreditierungsstelle GmbH (DAkkS)  
D-PL-11125-01

Main part and 5 annexes

27

|                           |                                              |
|---------------------------|----------------------------------------------|
| <b>Product</b>            | Spectacle with ultraviolet protective filter |
| <b>Arrival of samples</b> | 2017-05-03                                   |
| <b>Period of testing</b>  | 2017-05-18 to 2017-06-13                     |
| <b>Reference Standard</b> | DIN EN 166 : 2002-04<br>DIN EN 170 : 2003-01 |
| <b>Remarks</b>            | None                                         |

This test report relates to the mentioned test samples. Without the permission of the DIN CERTCO test centre Nürnberg this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any certification mark.

Nürnberg, 2017-06-27

Compiled by:

Lisa Döring, M. Sc.  
- Test Engineer -

Reviewed by:

Anja Tröster  
- Test Engineer -



### Test objects, tests and results

Based on the tables as written in the standard DIN EN 166, the main part assigns the test samples to the named tests. Each individual test result is documented in the annexes according to the named standards.

#### Signs and symbols:

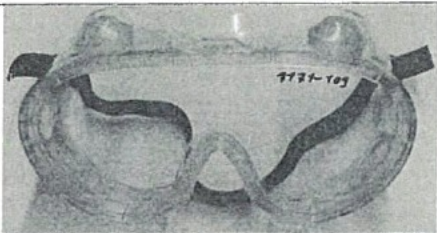
- + meet the requirements
- ***do not meet the requirements***
- / not tested or not applicable
- Ab interruption of the testing sequence

The uncertainty of optical measurements corresponds to the required one in DIN EN 167.

Unless stated otherwise, the measurements were carried out in the main viewing point of the samples and, in the case of lenses with corrective power, at the applicable reference point.

171-granvis optical-testreport-part1-rev0.doc



| Type:                                              | Goggle with oculars without filtering action, type "#502"  |              |                                                                                    |                    |        |                             |   |
|----------------------------------------------------|------------------------------------------------------------|--------------|------------------------------------------------------------------------------------|--------------------|--------|-----------------------------|---|
| Test mark:                                         | 11717-PZA-17                                               |              |                                                                                    |                    |        |                             |   |
| Number of delivered parts: 18                      |                                                            |              | Number of test samples: 18                                                         |                    |        |                             |   |
|                                                    |                                                            |              |  |                    |        |                             |   |
| Test-sequence                                      | Requirements                                               | according to |                                                                                    | Tests according to |        | Sample 7171-109 to 7171-126 |   |
|                                                    |                                                            | DIN EN       | Clause                                                                             | DIN EN             | Clause |                             |   |
| 1                                                  | User information                                           | 166          | 10                                                                                 | 166                | 10     | +                           |   |
| 2                                                  | Design and manufacturing requirements                      | 166          | 6                                                                                  | 166                | 6      | +                           |   |
| 3                                                  | Lateral protection                                         | 166          | 7.2.8                                                                              | 168                | 19     | +                           |   |
| 4                                                  | Field of vision                                            | 166          | 7.1.1                                                                              | 168                | 18     | +                           |   |
| 5                                                  | Quality of material and surface                            | 166          | 7.1.3                                                                              | 167                | 5      | +                           |   |
| 6                                                  | Diffusion of light                                         | 166          | 7.1.2.3                                                                            | 167                | 4      | +                           |   |
| 7                                                  | Spherical refractive power and astigmatic refractive power | 166          | 7.1.2.1                                                                            | 167                | 3      | +                           |   |
| 8                                                  | Prismatic refractive power                                 | 166          | 7.1.2.1                                                                            | 167                | 3      | +                           |   |
| 9                                                  | Transmittance                                              | 170          | 5                                                                                  | 167                | 6      | -                           |   |
| 10                                                 | Variations in transmittance                                | 166          | 7.1.2.2.3                                                                          | 167                | 7      | /                           |   |
| 11                                                 | Stability at an elevated temperature                       | 166          | 7.1.5.1                                                                            | 168                | 5      | /                           |   |
| 12                                                 | Resistance to UV radiation                                 | 166          | 7.1.5.2                                                                            | 168                | 6      | /                           |   |
| 13                                                 | Increased robustness                                       | -5°C         | 166                                                                                | 7.1.4.2            | 168    | 3                           | / |
|                                                    |                                                            | +55°C        |                                                                                    |                    |        |                             | / |
| 14                                                 | Protection against high-speed particles (45 m/s)           | 166          | 7.2.2                                                                              | 168                | 9      | /                           |   |
| 15                                                 | Resistance to ignition                                     | 166          | 7.1.7                                                                              | 168                | 7      | /                           |   |
| 16                                                 | Resistance to corrosion                                    | 166          | 7.1.6                                                                              | 168                | 8      | /                           |   |
| Individual results of each test sample see annex 2 |                                                            |              |                                                                                    |                    |        |                             |   |

**Marking:**

|          |                            |
|----------|----------------------------|
| Frame:   | EN166B<br>ANSI Z87.1<br>CE |
| Oculars: | 1B<br>ANSI Z87+ CE         |



2<sup>nd</sup> delivery from 2017-07-18:

| Type:                                              | Goggle with oculars without filtering action, type "#502"  |              |                            |                    |        |                             |
|----------------------------------------------------|------------------------------------------------------------|--------------|----------------------------|--------------------|--------|-----------------------------|
| Test mark:                                         | 11717-PZA-17                                               |              |                            |                    |        |                             |
| Number of delivered parts: 20                      |                                                            |              | Number of test samples: 18 |                    |        |                             |
| Test-sequence                                      | Requirements                                               | according to |                            | Tests according to |        | Sample 7171-139 to 7171-156 |
|                                                    |                                                            | DIN EN       | Clause                     | DIN EN             | Clause |                             |
| 1                                                  | Diffusion of light                                         | 166          | 7.1.2.3                    | 167                | 4      | +                           |
| 2                                                  | Spherical refractive power and astigmatic refractive power | 166          | 7.1.2.1                    | 167                | 3      | +                           |
| 3                                                  | Prismatic refractive power                                 | 166          | 7.1.2.1                    | 167                | 3      | +                           |
| 4                                                  | Transmittance                                              | 170          | 5                          | 167                | 6      | -                           |
| 5                                                  | Transmittance                                              | 166          | 7.1.2.2                    | 167                | 6      | +                           |
| 6                                                  | Stability at an elevated temperature                       | 166          | 7.1.5.1                    | 168                | 5      | +                           |
| 7                                                  | Resistance to UV radiation                                 | 166          | 7.1.5.2                    | 168                | 6      | +                           |
| 8                                                  | Increased robustness                                       | 166          | 7.1.4.2                    | 168                | 3      | -5°C<br>+                   |
|                                                    |                                                            |              |                            |                    |        | +55°C<br>+                  |
| 9                                                  | Protection against high-speed particles (45 m/s)           | 166          | 7.2.2                      | 168                | 9      | +                           |
| 10                                                 | Resistance to ignition                                     | 166          | 7.1.7                      | 168                | 7      | +                           |
| 11                                                 | Resistance to corrosion                                    | 166          | 7.1.6                      | 168                | 8      | /*                          |
| Individual results of each test sample see annex 2 |                                                            |              |                            |                    |        |                             |

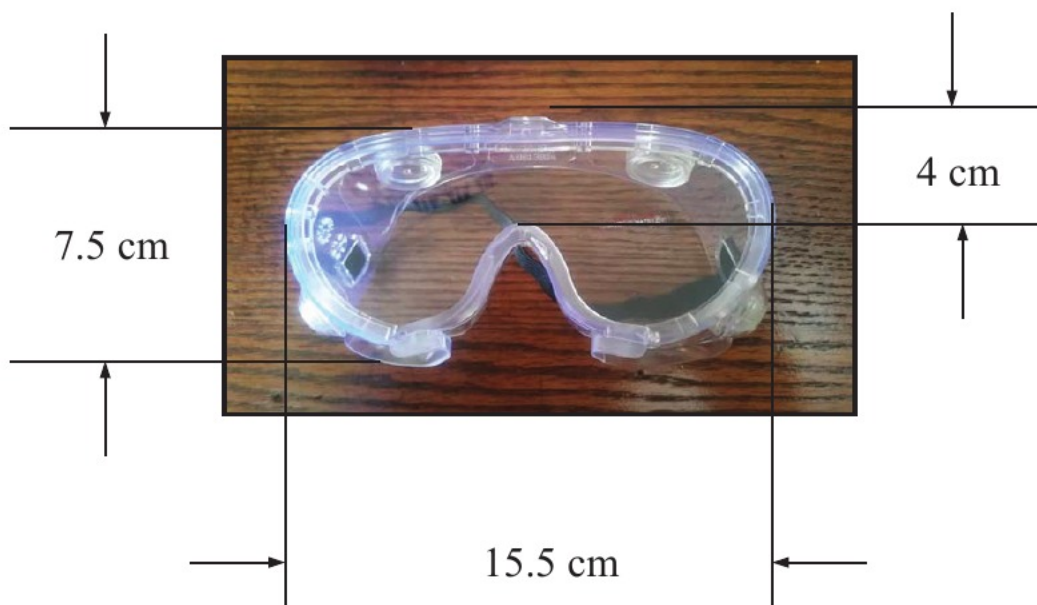
\* no metal parts

Marking:

|          |                          |
|----------|--------------------------|
| Frame:   | EN 166B CE<br>ANSI Z87.1 |
| Oculars: | CE 2-1,2 STPPE 1 SK      |



# GI-10T



# GI-10T

