



# BioClean™ Clearview Autoclavable Goggles BCAG

## Clearview autoclavable goggles, featuring an optically correct lens

- **Increased comfort:** BioClean™ Clearview Autoclavable Goggles BCAG are designed with a non-linting latex-free headband and a soft thermoplastic rubber frame ideal for use over eyeglasses
- **Reduced contamination risks:** BioClean™ Clearview goggles feature upper vents with an indirect lower ventilation system to minimize the risks of contamination when entering controlled environments
- **Enhanced features:** These autoclavable goggles feature a toughened polycarbonate, optically correct lens with anti-fog performance for up to 25 autoclave cycles for lens (anti-fogging) without degradation, ensuring clear vision for wearers
- **Improved durability:** They are also tested to withstand 40 autoclave cycles for housing of 30 minutes duration at 121°C/250°F



*Autoclaving is the recommended method for disinfecting autoclavable goggles.  
Avoid the use of alcohol, thinner, peracetic acid, bleaching agent, or hydrogen peroxide to sanitize the lens as it will damage the antifog coating. Users are encouraged to assess compatibility at their discretion or consult Ansell for guidance on alternative disinfection methods.  
Compatible with EU GMP Grade A/B environment following the autoclaving process.*

### Key Features and Benefits

- **Thermoplastic rubber frame:** For better fit and wearer comfort
- **Indirect ventilation system:** Reduced risks of contamination
- **Sturdy, polycarbonate lens:** Ensures a clear vision

### Industries

- Controlled and Critical Environments
- Laboratory and Research
- Production and Manufacturing

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### Recommended For

- Medical Device Manufacturing
- Biotechnologies Blending operations
- Handling active material  
Maintaining equipment and instruments
- Organic and material synthesis
- Preparing pharmaceutical products



- Clean room cleaning and preparing



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## TECHNICAL DATA SHEET

### PRODUCT INFORMATION

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Material             | Thermoplastic rubber, Polycarbonate, Polypropylene, Silicone                                                                                                                                                                                                                                                                                                                                                       |
| Color                | White                                                                                                                                                                                                                                                                                                                                                                                                              |
| Audit Standards      | Manufacturing QMS Audit Standards ISO 9001                                                                                                                                                                                                                                                                                                                                                                         |
| Standards            | CE Number, EN 166:2001, Category II, UKCA                                                                                                                                                                                                                                                                                                                                                                          |
| Packaging Overview   | Goggle (BCAG): One piece per sealed PE bag ; 12 bags per inner box; five boxes per carton (60 pieces)<br><br>Replacement Lens (BCAG-SL): One piece per sealed PE bag; 10 bags per inner box; 10 boxes per carton (100 pieces)<br><br>Replacement Strap (BCAG-SS)*: 25 pieces per sealed PE bag; two bags per inner box; 10 boxes per carton (500 pieces)<br><br>*Strap only, without adjuster hook and strap clip. |
| Country Of Origin    | Taiwan                                                                                                                                                                                                                                                                                                                                                                                                             |
| Sterilization Method | Supplied non-sterile. To be autoclaved at 121°C/250°F for 30 minutes                                                                                                                                                                                                                                                                                                                                               |
| Cleanroom Class      | Class 10/ISO 4                                                                                                                                                                                                                                                                                                                                                                                                     |
| Shelf Life           | Five (5) years from date of manufacture.                                                                                                                                                                                                                                                                                                                                                                           |
| Classification       | EN166                                                                                                                                                                                                                                                                                                                                                                                                              |
| Optical Class        | 1                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Storage Instructions | Keep away from direct sunlight; store in a dry place and keep in the original packaging. Keep away from ozone sources. If products are properly stored, as indicated, they won't lose their performances or change characteristics significantly. If products could be affected by ageing or storage, the expiry date is mentioned on the packaging materials.                                                     |
| Weight               | 103g                                                                                                                                                                                                                                                                                                                                                                                                               |

### PHYSICAL PROPERTIES

|                    |                                                                                                                                                                                       |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Overall Dimensions | Lens Thickness (± 0.3mm): 3.1mm<br> Bridge Width (± 0.5mm): 70mm<br> Bridge Height (±0.5mm): 26mm<br> Overall Width (hinge to hinge)(±3mm): 190mm<br> Overall Height (±3mm): 85mm<br> |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### ORDERING INFORMATION

|      | SIZE        | Autoclavable Goggles | Replacement Lens | Replacement Strap |
|------|-------------|----------------------|------------------|-------------------|
| BCAG | REORDER NO. | BCAG                 | BCAG-SL          | BCAG-SS           |



# BioClean™ Clearview Autoclavable Goggles BCAG

## EXPLANATION OF FRAME MARKINGS

| Required Markings                   | Markings On Frame | Meaning                                         |
|-------------------------------------|-------------------|-------------------------------------------------|
| Manufacturers Identification's Mark | Ansell            | Ansell                                          |
| Brand                               | BioClean™         | BioClean™                                       |
| Standard Number                     | EN166             | European Standard on Personal Eye Protection    |
| Field of Use                        | BT                | Medium energy impact at extremes of temperature |
| Conformity Mark                     | CE                | Conformity with European Standards              |
| Field of Use                        | UKCA              | Conformity with Great Britain Standard          |

## EXPLANATION OF OCULAR MARKINGS

| Required Markings                   | Markings On Ocular | Meaning                                         |
|-------------------------------------|--------------------|-------------------------------------------------|
| Manufacturers Identification's Mark | BioClean™          | BioClean™                                       |
| Optical Class                       | 1                  | High optical quality                            |
| Mechanical Strength                 | BT                 | Medium energy impact at extremes of temperature |
| Field of Use                        | N                  | Resistance to fogging                           |
| Field of Use                        | O                  | Original Ocular                                 |
| Original Or Replacement Ocular      | ▽                  | Replacement Ocular                              |

For additional information visit us at [www.ansell.com](http://www.ansell.com), or call us at

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Performance Standards and  
Regulatory Compliance



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