



# BioClean™ Clearview Autoclavable Goggles BCAH

## Silicone clearview autoclavable goggles with anti-fog properties

- **Elevated comfort:** These BioClean™ clearview goggles feature a non-linting, latex-free headband with a super-soft lightweight silicone rubber frame that enables prolonged use & user comfort
- **Advanced defenses:** BioClean™ Clearview Autoclavable Goggles BCAH possess an indirect ventilation system that helps reduce the risk of contamination entering the controlled environment
- **Maximized view:** These BioClean™ clearview goggles provide wearers an optically correct, toughened polycarbonate and anti-fog lens, making them ideal for use over eyeglasses
- **Improved durability:** These autoclavable cleanroom goggles can tolerate up to 1 gamma irradiation cycles and are tested to withstand 40 autoclave cycles for housing of 30 minutes duration at 121°C/250°F. Anti-fog performance remaining for up to 25 autoclave cycles for lens (anti-fogging) with no signs of degradation (under laboratory conditions)

*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

- ◊ **Lightweight material:** Enables prolonged use and user comfort
- ◊ **Indirect ventilation system:** Lowers the risk of contamination
- ◊ **Anti-fog properties:** For unobstructed vision

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#### Recommended For

- Controlled and Critical Environments
- Clean room cleaning and preparing
- Semiconductor manufacturing



- Laboratory and Research
- White goods assembly



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## TECHNICAL DATA SHEET

### PRODUCT INFORMATION

|                      |                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Material             | Polycarbonate, Silicone rubber, Polypropylene                                                                                                                                                                                                                                                                                                                                               |
| Color                | White                                                                                                                                                                                                                                                                                                                                                                                       |
| Audit Standards      | Manufacturing QMS Audit Standards ISO 9001                                                                                                                                                                                                                                                                                                                                                  |
| Standards            | CE Number, EN 166:2001, Category II, UKCA                                                                                                                                                                                                                                                                                                                                                   |
| Packaging Overview   | Goggle (BCAH): One piece per sealed PE bag (to be removed prior to autoclaving); 12 bags per inner box; five boxes per carton (60 pieces)<br><br>Replacement Lens (BCAH-SL): One piece per sealed PE bag; 10 bags per inner box; 10 boxes per carton (100 pieces)<br><br>Replacement Strap (BCAH-SS): 25 pieces per sealed PE bag; two bags per inner box; 10 boxes per carton (500 pieces) |
| Cleanroom Class      | Class 10/ISO 4                                                                                                                                                                                                                                                                                                                                                                              |
| Shelf Life           | 5 years                                                                                                                                                                                                                                                                                                                                                                                     |
| 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               | 106g                                                                                                                                                                                                                                                                                                                                                                                        |

### PHYSICAL PROPERTIES

|                    |                                                                                                                                                                                                   |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Overall Dimensions | Total Weight (± 2g) 106g<br>Lens Thickness (± 0.3mm) 1mm<br>Bridge Width (± 0.5mm) 50mm<br>Bridge Height(±0.5mm)20mm<br>Overall Width (hinge to hinge)(±3mm) 180mm<br>Overall Height (± 3mm) 92mm |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### ORDERING INFORMATION

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



# BioClean™ Clearview Autoclavable Goggles BCAH

## EXPLANATION OF FRAME MARKINGS

| Required Markings                   | Markings On Frame | Meaning                                         |
|-------------------------------------|-------------------|-------------------------------------------------|
| Manufacturers Identification's Mark | Ansell            | Ansell                                          |
| Brand                               | BioClean™         | BioClean™                                       |
| Field of Use                        | 3                 | Liquids (droplets or splashes)                  |
| 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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