



# BioClean™ Clearview Autoclavable Goggles BCAP

## Clearview autoclave panoramic goggles, for excellent optical clarity

- **Maximized vision:** BioClean™ Clearview Autoclavable Goggles BCAP feature an anti-fog lens that is both deep and extra-wide, for an increased field of vision
- **Reduced contamination risks:** These BioClean™ clearview goggles are processed in a NEBB-certified ISO Class 4 environment and possess an indirect ventilation system to reduce the risk of contamination
- **Improved durability:** These autoclavable goggles' robust design can 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)
- **Enhanced comfort:** These autoclavable cleanroom goggles are constructed with a super-soft thermoplastic rubber frame, non-linting latex-free silicone headband, and polypropylene hooks suitable to be worn over eyeglasses



### Key Features and Benefits

- ◊ **Panoramic, wide-angle lens:** For a deeper, wider field of vision
- ◊ **Indirect ventilation system:** Reduced risks of contamination
- ◊ **Autoclave-resistant design:** For durable clearview goggles

### Industries

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

### Recommended For

- Clean room cleaning and preparing
- Semiconductor manufacturing
- White goods assembly
- Medical Device Manufacturing
- Organic and material synthesis
- Preparing pharmaceutical products
- Nutraceutical manufacturing
- Biotechnologies Blending operations



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## TECHNICAL DATA SHEET

### PRODUCT INFORMATION

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Material             | Thermoplastic rubber, Polycarbonate, Silicone, Polypropylene                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Color                | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Audit Standards      | Manufacturing QMS Audit Standards ISO 9001                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Standards            | CE Number, EN 166:2001, Category II, UKCA                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Packaging Overview   | <p>Goggle (BCAP &amp; BCAP-1): One piece per sealed PE bag (to be removed prior to autoclaving); 12 bags per inner box; five boxes per carton (60 pieces).</p> <p>Replacement Lens (BCAP-SL): One piece per sealed PE bag; 10 bags per inner box; 10 boxes per carton (100 pieces)</p> <p>Replacement Strap (BCAP-SS)*: 25 pieces per sealed PE bag; two bags per inner box; 10 boxes per carton (500 pieces)</p> <p>*Each individual strap includes adjuster hooks and strap clips.</p> |
| Cleanroom Class      | Class 10/ISO 4 & EU GMP Grade A                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Shelf Life           | 5 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 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.                                                                                                                           |

### PHYSICAL PROPERTIES

|                    |                                                                                                                                                                                                                                                                       |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Overall Dimensions | Lens Thickness ( $\pm 0.3\text{mm}$ ): 2.1mm   Bridge Width ( $\pm 0.5\text{mm}$ ): 50mm   Bridge Height ( $\pm 0.5\text{mm}$ ): 25mm   Overall Width (hinge to hinge) ( $\pm 3\text{mm}$ ): 160mm   Overall Height ( $\pm 3\text{mm}$ ): 85mm   Overall Weight: 103g |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### ORDERING INFORMATION

|      | SIZE        | Panoramic<br>Autoclavable Goggles | Replacement Lens | Replacement Strap |
|------|-------------|-----------------------------------|------------------|-------------------|
| BCAP | REORDER NO. | BCAP                              | BCAP-SL          | BCAP-SS           |



# BioClean™ Clearview Autoclavable Goggles BCAP

## 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                        | 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                              |

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Performance Standards and  
Regulatory Compliance



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