



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



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

- **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

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

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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): 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>
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.

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
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ORDERING INFORMATION

	SIZE	Panoramic Autoclavable Goggles	Replacement Lens	Replacement Strap
BCAP	REORDER NO.	BCAP	BCAP-SL	BCAP-SS



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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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