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 121ºC/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

Industries

- Controlled and Critical Environments

Recommended For

- 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) Replacement Lens (BCAH-SL): One piece per sealed PE bag; 10 bags per inner box; 10 boxes per carton (100 pieces) 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 Lens Thickness (± 0.3mm) 1mm Bridge Width (± 0.5mm) 50mm Bridge Height(±0.5mm)20mm Overall Width (hinge to hinge)(±3mm) 180mm Overall Height (± 3mm) 92mm

ORDERING INFORMATION

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

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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

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Performance Standards and Regulatory Compliance

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