

Customer Information Aid

BioClean™ Goggles Anti-fog & Tightening Procedure



1 Acclimatization

The lenses of BioClean Clearview™ sterile, single use goggles (BCGS1) are coated with an anti-fog treatment to prevent fogging up in use.

However, moving the goggles from a cold environment (for example a warehouse or store room) into an environmentally controlled cleanroom can cause fogging due to the rapid change in humidity and temperature.

If this phenomenon is experienced we recommend that BioClean goggles are moved into the cleanroom changing area for a period of time before they are needed. The goggles will then acclimatize to the new conditions and be less liable to fog.

2 Fitting a facemask with goggles

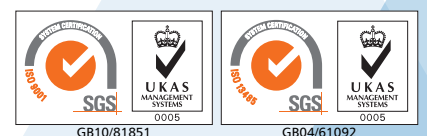
When wearing goggles with a facemask, fogging may occur as the result of warm, moist breath being pushed up under the bottom rim of the goggles. The wearer must ensure that the noseband of the facemask is properly formed over the bridge of the nose so that a good fit between mask and face is achieved. The goggles should then be donned and adjusted by pulling the strap ends so there is a good fit around the face, and firm pressure is applied to the top of the facemask, assisting the seal between the mask and face.



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3 Airflow

In some circumstances it may be found that fogging persists. This may happen if a facemask is being worn and an adequate seal cannot be achieved or physical exertion causes the wearer to perspire. The perspiration will evaporate inside the goggles and condense on the lens. In this event an increased airflow through the goggles can help. BCGS1 goggles are fitted with valves at the top and bottom, on either side of the frame. These valves have been designed so they are easily removable as an aid to increasing airflow to alleviate the problem.

4 BioClean Anti-fog spray, BFAS

The BCGS1 has a pre-coated anti-fog lens which requires no further treatment. Our other goggles, BCAG, BCAP and BCAH, are autoclavable, so applying a pre-coat is not feasible because the heat and humidity in the autoclave would destroy it. To address fogging issues with our autoclavable goggles an application of BioClean Anti-fog spray is recommended. The procedure for the successful application of the spray is as follows:

1. Autoclave the BioClean autoclavable goggles as usual
2. Just before donning, apply one or two sprays to the INSIDE of the lens
3. Using a sterile cleanroom wipe, dry the excess liquid from the inside surface of the lens with a spreading motion, covering the whole of the inside of the lens
4. Ensure the treated side of the lens is dry after wiping
5. Repeat the process after every autoclave cycle



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