

# Radiation Filtering Glasses Use and Care Instructions

**APPLICATION:** These glasses are intended to be used as PPE Class III devices for reduction of scatter radiation from X-rays used in the medical environment.

Glasses are offered in 5 different protection options as shown in the table below. The product number begins with lens protection (RG or RG50) and ends with the side shield protection (-50SS, -75SS or no SS designation) :

Product Family	Lead Equivalency (mm PbEq) @150kV**	
	Lens	Side shield
RG	0.75	NA
RG-75SS	0.75	0.75
RG-50SS	0.75	0.50
RG50	0.50	NA
RG50-50SS	0.50	0.50

\*\* Testing in accordance with IEC 61331-1:2014


**!CAUTION! Radiation glasses are not to be used as impact safety lenses. Impact resistant over goggles must be used if impact protection is required.**

**STORAGE:** Glasses should be stored in protective case when not in use. Normal room temperature and low relative humidity is ideal.

**CLEANING/DISINFECTING:** Do not auto-clave. Never use ammonia or chlorine based cleaners. Do not use circular motions while cleaning as it can damage applied coatings. Follow instructions for cleaning first, then wash and soak in alcohol for one minute. Dry with a soft lint free cloth.

- **For uncoated lenses:** Clean with anti-bacterial detergent or hand soap with no microbeads or grit added. Gently rub lenses in straight lines under clear running water. Dry with a soft lint free cloth. Commercially available alcohol based lens wipes are also acceptable.
- **If FOGFREE Coating is applied: Always clean with a 75-80% alcohol.** Commercially available alcohol based lens wipes are acceptable. Use a light pressure in straight lines thoroughly cleaning all surfaces of lenses and frames. Dry with microfiber cleaning cloth. After repeated cleanings, it is recommended to rejuvenate the fogfree coating with a product like Clarity De-FogIT from Nanofilm.
- **If Anti-Reflective Coating is applied: Do NOT use alcohol,** it will degrade the anti-reflective coating. It is best to use an anti-bacterial detergent or hand soap with no microbeads or grit added. Gently rub lenses and frames in straight lines under clear running water. Dry with a soft lint free cloth.

**MAINTENANCE:** Examine eyewear BEFORE each use. If lenses become pitted, chipped or in other ways damaged, cease use immediately and contact your distributor for instructions. **End user maintenance is limited to tightening of hinge screws.**

Glasses  0598 marked are certified under Regulation (EU) 2016/425, in accordance with EN 61331-3:2014 and testing per EN 61331-1:2014, by Notified Body No.0598: SGS FIMKO OY, LTD., Sarkiniementie 3, 00211 Helsinki Finland.

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EU Declaration of Conformity can be read here:

<http://www.phillips-safety.com/media/wysiwyg/web/Radiation-Eyewear/Spec-Sheets/EC-Declaration.pdf>