



Technical Data Sheet

GlassGuard BlackBand® Coated UVC Germicidal Lamps

Type	Wattage
300mm T5	8w
450mm T8	15w
900mm T8	30w
1200mm T8	36w
PLL	55w

GlassGuard BlackBand® coatings are applied to lamps from the leading brands: Philips, Osram, GE and Sylvania

Product Description

UVC Germicidal fluorescent lamps with high temperature Fluoro Polymer coating externally applied to contain fragments in the event of accidental breakage

Product Features

- Exclusive single BlackBand® ring identifier to IEC61549 / BS EN61549 Fragment Retention Fluorescent Lamp Standard
- Suitable for retro fitting with existing UVC systems
- Coating service life = lamp service life
- 70% UVC transmission through coating @ 254nm
- Coating FDA compliant to 21CFR177.1550 for food contact
- Coating manufactured in accordance with ISO9001:2008
- Temperature resistance in compliance with IEC60598-1 (passes 850°C glow wire test and needle flame test)
- Lamp & coating fully recyclable

Product Benefits

- Provides an industry compliant glass free environment protecting products, personnel and profits
- Achieves HACCP compliance quickly and easily to a high standard
- Passes all retail and hygiene audits
- Coating resistant to acids and alkalis
- Can be cleaned and pressure washed
- Coating will not yellow or fail prematurely due to high transmission of UV radiation

Application

- Sterilisation systems for Food, Water and Air processing,
- Coating temperature range -75°C to +200°C

Environment

- Protects surrounding areas from contamination in the event of accidental breakage
- Lead free
- RoHs compliant
- Covered by WEEE