

ArmorLite™

SAFETY SHIELD

STER-L-RAY™ Germicidal Ultraviolet Lamp
(Broken lamp with quartz particles contained within
ArmorLite™ Safety Shield)



STER-L-RAY™ Germicidal Ultraviolet Lamp
(within ArmorLite™ Safety Shield)

ArmorLite™ Safety Shield is now available for use with most **Ster-L-Ray™ Germicidal Ultraviolet Lamps**. The **ArmorLite™ Safety Shield** is a protective coating that can be applied to most germicidal lamps (linear lamps up to 64-inches long) purchased from and manufactured by Atlantic Ultraviolet Corporation.

The **ArmorLite™ Safety Shield** insures protection for employees, products and work environments by eliminating the dangers associated with fragments of broken quartz and mercury contamination.

The **ArmorLite™ Safety Shield** has undergone vigorous, comprehensive testing and evaluation to insure that it is the best product available.

Since **ArmorLite™ Safety Shield** is applied to standard **Ster-L-Ray™ Germicidal Ultraviolet Lamps**, **ArmorLite™** protected lamps are available for use with any new or existing ultraviolet installation.

Contact our ultraviolet Application Specialists to discuss the advantages of using germicidal lamps protected by the **ArmorLite™ Safety Shield** in your installation.



APPLICATIONS

ArmorLite™ Safety Shield is ideally suited for **Ster-L-Ray™ Germicidal Ultraviolet Lamps** used for:

- Air stream and surface disinfection in air duct applications and/or air handling spaces (**AeroLogic®**).
- Direct surface disinfection of workspaces, products and/or packaging (**SaniLIGHT®** & **SaniRay®**).
- All applications (beverage, food processing, pharmaceutical, semiconductor, etc.) where protection from possible contamination caused by broken ultraviolet lamps is required. (**Nutripure®** & **Sanitaire®**).

FEATURES

- Quartz fragments and mercury are safely contained within the **ArmorLite™ Safety Shield**.
- Excellent transmission of ultraviolet energy, with minimal loss in output.
- Excellent resistance to Ozone.
- Excellent resistance to nearly all chemicals.
- Insulates ultraviolet lamp from reduced ambient temperatures. Relative ultraviolet output is reduced with lower lamp temperatures.
- Protects against hazards (physical, material handling) associated with broken lamps, quartz fragments and mercury contamination.
- Reduces costs associated with broken lamps: costly downtime during cleanup, possible loss of products due to contamination, etc.

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