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The plastic coating on a Shat-R-Shield fluorescent lamp is guaranteed to last for the rated-life of the lamp and will not turn yellow, crack or otherwise fail during that time, subject to the following conditions:

**Shat-R-Shield linear fluorescent lamps can be used in enclosed or open fixtures.**

**T8 and T12 fluorescent lamps must be installed and operating in ambient temperatures below 150°F (400°F for T5HO lamps).**

**The lamps cannot be used in fixtures employing defective ballasts, ballasts that have been used longer than their rated-life or ballasts that are improperly wired.**

**The lamps cannot be used in fixtures where poor pin contact occurs.**

**Lamp types and ballast types must be compatible (Rapid Start lamps with Rapid Start ballast, etc.).**

**Shat-R-Shield, Inc. reserves the right to have an employee or authorized agent inspect the fixture, ballast and/or location where a lamp with a failed coating was installed.**

Shat-R-Shield, Inc. fluorescent lamps sold for use in refrigerated areas only, are designed as such by a label stating "REFRIGERATION USE ONLY" and are not covered by this guarantee. Because Shat-R-Shield has no control over the temperature range in the areas where lamps are operated, their performance cannot be guaranteed. Note that if used in temperatures below 45°F, the coating should be expected to last for the rated-life of the lamp.

## Protection from Ultraviolet (UV) Light

Antioxidants and ultraviolet stabilizers are present in the exclusive, clear plastic coating to block emissions from 180 to 390 nanometers. These additives also prevent the coating from yellowing, cracking or flaking.

UV light causes the loss of vitamins and riboflavin which can negatively affect the taste of food and adds to food discoloration. UV can also cause the fading of colors or pigments in fabric and paper. Shat-R-Shield lamps are ideally suited for use in environments such as offices, retail/grocery stores, museums, galleries, computer chip industry and libraries.

The PFA coating on a T5HO fluorescent lamp **does not** block UV.