

**shat-r-shield**<sup>®</sup> INC.



**Food Service**

Application Guide

# Food Service Application Guide

Protect your customers, employees, equipment and business with Shat-R-Shield's safety-coated, shatter-resistant lamps and lighting products. We are the original manufacturer of the most reliable shatterproof lamps on the market, offering plastic-coated, shatter-resistant fluorescents, incandescents, compact fluorescents, LEDs, glass globes and other lighting products. **The clear and tough, skin-tight coating will contain virtually all glass, mercury and phosphors if a lamp is accidentally broken.** Shat-R-Shield lamps are UL-EPH® (environmental and public health) classified, NSF® certified, and meet FDA, OSHA, CFIA (Canadian Food Inspection Agency) and Mexico Department of Agriculture and Rural Development regulations.

Did you know that...

Safety-coated lighting is required in the food service industry, per government regulations.

**FDA Food Code - (Food & Drug Administration):** "...light bulbs shall be shielded, coated, or otherwise shatter-resistant in areas where there is exposed food; clean equipment, utensils, and linens; or unwrapped single-service and single-use articles."

- Chapter 6, Section 202.11 Light Bulbs, Protective Shielding

## Heat Lamps

Available in both clear and red, the protective coating provides assurance that glass cannot come in contact with food in warming stations, buffets or food preparation areas. The coating is rated to withstand temperatures of up to 5000°F. The PFA coating protects the glass from thermal shock such as contact with water or grease.

## Appliance Lamps & Task Lighting

Shat-R-Shield offers a variety of safety-coated lamps for use as task lighting in appliances designed specifically for the food service industry.

### Applications:

- F32T8 linear fluorescents for food prep stations
- 40A15 & 60F15 lamps for heated display cases or merchandisers
- Glass globes for exhaust hoods

## General Dining Area Lighting

While it is not mandated to have protective lighting installed in dining areas, it is still highly recommended for your customer's safety. That's why Shat-R-Shield offers safety-coated options for incandescent, compact fluorescent, halogen and LED lamps. These are ideal options for down lighting, spotlighting and decorative applications throughout the dining areas.



**Lamp Warranty:** 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. Please visit [www.shatrshield.com/warranty](http://www.shatrshield.com/warranty) for further details.



## General Kitchen Lighting

Shat-R-Shield boasts the highest quality shatter-resistant linear fluorescent lamps on the market. Available in T5, T8 and T12 varieties, there is an option to fill any need for overhead lighting in kitchens, dining rooms, refrigeration units or anywhere safety-coated lighting is needed.

If energy efficiency is a priority in your kitchen, consider safety-coated, waterproof T8 LED lamp. Its integrated ballast allows for easy installation; simply bypass the existing wires and install. You will start saving on energy costs immediately and with its 40,000 hour rated life, it will be quite some time before you're changing lamps again.

## Globes for Walk-Ins

Our expertise in safety-coatings reaches beyond just light bulbs -- we offer shatter-resistant glass globes as well. Available in two options, silicone or PFA coated, we offer a solution for any application. In restaurant walk-in coolers, exposed lamps must be protected and these globes act as a shield for the lamp, while also being shatter-resistant themselves. The different coating materials allow for exposure to varying temperatures. Silicone is ideal for colder applications, such as the walk-in cooler, and is crystal clear and easy to clean.

## Outdoor Lighting and Other Wet Locations

IP-68 rated waterproof, safety-coated LEDs are ideal for anyone looking for an energy efficient lighting option for both indoor and outdoor applications. ***What sets our LED lamps apart from others is a thin layer of clear, non-yellowing silicone coating which completely seals the lamp, protecting electronic components against moisture and corrosion.*** The safety coating not only keeps the lamps shatterproof, but also provides the necessary protection against exposure to harsh environment such as washdown areas, landscape lighting, or outdoor dining areas.



## Shat-R-Shield vs. Tubeguards

Shat-R-Shield's safety coating is a non-yellowing plastic that is applied directly onto the lamp with no assembly necessary. This coating method creates a skin-tight bond that allows hot air to dissipate through the coating, versus it being trapped and causing degradation of its protective qualities. If a lamp is accidentally broken, virtually all glass, mercury and phosphors are safely contained for quick and easy cleanup. This is not the case when using tubeguards. The heat generated from the lamp builds up between the sleeve and the lamp itself, causing the plastic to discolor, crack, melt and become completely bereft of its safety features while negatively affecting lamp life by up to 40%. In addition, the assembly of lamp, sleeve and endcaps required for a tubeguard poses a high risk of lamp breakage during installation and removal. Endcaps have been cited as a potential fire hazard, as they interfere with proper pin connections.



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