

FILTERS FOR THE SEMICONDUCTOR INDUSTRY

EncapSulite® offers a variety of products to create a safe environment for handling materials used in the semiconductor industry:

- **ShardGuard Safety-Coated Lamps**
- **PC Gold Safelight Sleeve**
- **Window Filters**
- **Laminated Safelight Panels**



We offer all you need for a safe work environment.

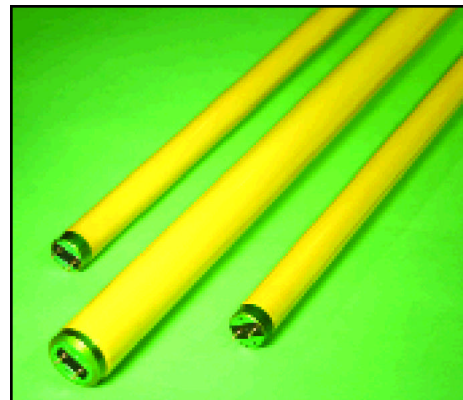
ShardGuard Safety-Coated Lamps

EncapSulite has developed safety fluorescent lamp coatings designed specifically for the semiconductor industry. The Yellow/Gold Safety Lamps block all emissions below 520 nanometers. The Yellow/Gold PET coatings provide excellent mechanical strength to retain the glass fragments in the event of breakage. The coatings will not outgas, crack, peel nor flake with age.

In the rare case that this type of safety-coated lamp is broken, virtually all the glass, mercury and phosphors are contained inside the high-temperature, high-mechanical strength coating. Employees, products and manufacturing sites are totally protected, making it an ideal product for "clean room" applications. Disposal or recycling is safe and easy.

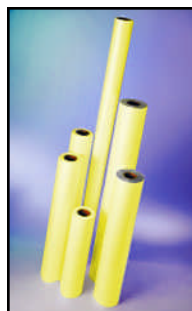
This is the only UL-recognized fluorescent safety lamp coating for the semiconductor industry, and it passes the UL 94 HB flammability test for safety.

EncapSulite safety lamps are time-tested and used by semiconductor plants worldwide. Fluorescent PC gold lamps are available in a variety of lengths and in T8 (25.4mm/1") and T12 (38mm/1.5") diameters.



PC Gold Safelight Sleeve

EncapSulite has also developed the YG10 Gold Safelight Sleeve for the semiconductor industry. This YG10 Sleeve blocks all emissions below 500 nanometers; these high-temperature sleeves are designed for use with standard white T8 and T12 fluorescent lamps, easily purchased in most countries. Simply insert the fluorescent lamp into the PC Gold Safelight Sleeve and position the two high-temperature polycarbonate safety end caps. The result is a low-cost, safe and shadow-free environment that blocks all emissions below 500nm.



Window Filter

YG Gold Window Filters convert any room into a safe environment for handling circuit boards. It is a thickness of .127mm/.005" and blocks all emissions below 500nm. Available in rolls of 1.22x10m/4x32 feet.

Laminated Safelight Panels

The YG10PF Gold Safelight Panel blocks all emissions below 500 nm. It has a thickness of .381mm/.015" and is used in the recesses of fluorescent ceiling fixtures. It is easy to install and available in 61x122cm/24x48" and 61x61cm/24x24" sizes.

