

### PRODUCT DESCRIPTION

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These tube guards can add virtually any color to your fluorescent lighting and protect against the dangers of lamp breakage by containing the shattered glass.



### TUBE GUARDS

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Standard case quantities required per order (24 per case).

Available in sizes for T12, T8, and T5 lamps.

One year color fast warranty on standard fluorescent lamps.  
(excludes HO or VHO lamps)

### PRODUCT USAGE WARNINGS

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Fluorescent Sleeves are not suitable for use with HO (High Output) or VHO (Very High Output) lamps due to excessive heat generated at the electrodes. This includes T5 and T8 lamps. The temperature is in excess to the deflection temperature of the plastic sleeve and can be exacerbated when adding filter media. The result of exceeding the deflection temperature may cause the color to fade or brown, or in extreme cases, the plastics to melt and fuse to the lamp. The UV filter prevents the fluorescent sleeve from melting to the lamp, but will not deter color degradation on HO or VHO lamps. Heat Sink Screens may be used with lamps that generate excessive heat. The metal mesh screen is wrapped around the end of the lamp and spreads the heat build-up, preventing the deterioration and melting of the plastic sleeve. Heat Sink Screens will not prevent color degradation. These tubes use the highest grade UL94 rated polymers when manufacturing sleeves. This caution is not a defect in the plastic, but rather exceeding the operating temperature of any optically clear plastic available for manufacturing sleeves.

### PRODUCT SPECIFICATIONS

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Dimensions:

**T12 SLEEVES**

OD: 1.71"

Len: 46.5"/92.5"

Wall: .014"-.018"

**T8 SLEEVES**

OD: 1.235"

Len: 46.5"/92.5"

Wall: .014"-.018"

**T5 SLEEVES**

OD: .74"

Len: 44.75"

Wall: .014"-.018"