



ENGINEERED PRODUCTS CO.

5401 Smetana Drive • Minnetonka, MN 55343
 P 952.767.8780 / 800.336.1976 • F 952.767.8786 / 800.336.2801
 Visit our Web Site at engproducts.com

LIGHTING PRODUCTS

TUBE GUARDS

Product Data Sheet

EPCO's Standard and UV Protection Tube Guards provide superior protection against broken glass and sparks that can result when fluorescent lamps shatter. The Tube Guards completely surround the lamp with a durable and shatterproof Polycarbonate or Acrylic Polymer material. The Tube Guards fit over all sizes of fluorescent lamps and are easily installed without the use of tools. **Custom cut lengths available!**

Standard Tube Guards

The Standard Tube Guard is a light stabilized polycarbonate and has 0% transmittance below 365 nanometers. Available in Clear, Amber, Red, Green and Blue. Typical application include:

- Outdoor Lighting
- Special lighting requirements
- High traffic areas
- Refrigeration
- Food Service
- Warehouses



T5:



4-Foot Lamp (F28) - 44.75" Long
 Outside Tube Diameter: .625"

T8:



4-Foot Lamp (F32) - 46.437" Long
 8-Foot Lamp (F96) - 92.437" Long
 Outside Tube Diameter: 1.25"

T12:



4-Foot Lamp (F40) - 46.25" Long
 8-Foot Lamp (F96) - 92.25" Long
 Outside Tube Diameters: 1.625"

Catalog Number	UPC Number	Description	Standard Package	Standard Package Ship Wt. (Lbs.)
T5 4-Foot for F28 Watt Lamp				
17093	17093	Clear Polycarbonate - Includes Black End Caps	24/Carton	6
T8 4-Foot for F32 Watt Lamp				
17000	17000	Clear Polycarbonate - Includes Black End Caps	24/Carton	6
17005	17005	Amber Polycarbonate - Includes Black End Caps	24/Carton	6
17010	17010	Red Polycarbonate - Includes Black End Caps	24/Carton	6
17015	17015	Green Polycarbonate - Includes Black End Caps	24/Carton	6
17020	17020	Blue Polycarbonate - Includes Black End Caps	24/Carton	6
T8 8-Foot for F96 Watt Lamp				
17030	17030	Clear Polycarbonate - Includes Black End Caps	24/Carton	10
T12 6-Foot for F40 Watt Lamp				
17040	17040	Clear Polycarbonate - Includes Black End Caps	24/Carton	10
T12 4-Foot for F40 Watt Lamp				
17060	17060	Clear Polycarbonate - Includes Black End Caps	24/Carton	7
17065	17065	Red Polycarbonate - Includes Black End Caps	24/Carton	7
17070	17070	Amber Polycarbonate - Includes Black End Caps	24/Carton	7
17080	17080	Blue Polycarbonate - Includes Black End Caps	24/Carton	7
T12 8-Foot for F96 Watt Lamp				
17090	17090	Clear Polycarbonate - Includes Black End Caps	24/Carton	13
17102	17102	End Caps for T5	48/Pkg.	1
17100	17100	End Caps for T8	48/Pkg.	1
17101	17101	End Caps for T12	48/Pkg.	1

Note: Standard Tube Guards are sold ONLY in case quantities of 24 per Carton. Standard Tube Guards are not intended for use with HO or VHO lamps unless you use a Heat Sink Screen (EPCO Part Number 17800). Custom cut lengths available!

UV Protection Tube Guards

UV Protection Tube Guards are constructed from Acrylic Polymer material that meet OSHA, FDA and USDA requirements. Available in Clear only.

- Protects up to UV up to 480nm
- 0.050" Wall Thickness
- Available in 4' and 8' lengths
- UL94HB
- T8 and T12 Sizes
- Includes Polypropylene End Caps

Typical applications include:

- Museum and Galleries
- Photography studios
- Food Service
- Special effects lighting applications where UV protection is required
- Libraries
- Movie Theatres



T8:

4 Foot Lamps (F32) - 46.437" Long
8 Foot Lamps (F96) - 92.437" Long
Outside Tube Diameter: 1.25"



T12:

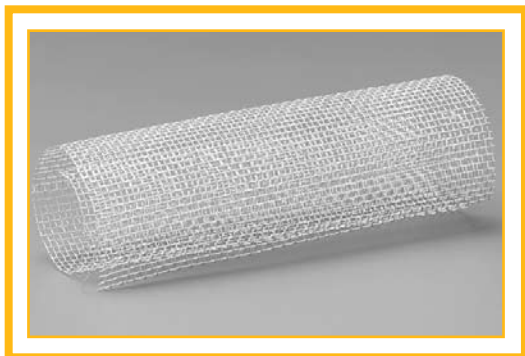
4 Foot Lamps (F40) - 46.25" Long
8 Foot Lamps (F96) - 92.25" Long
Outside Tube Diameters: 1.625"



Catalog Number	UPC Number	Description	Standard Package	Standard Package Ship Wt. (Lbs.)
17001*	17001	T8 4-Foot for F32 Watt Lamp UV Clear Acrylic - Includes Black End Caps	24/Carton	7
17002*	17002	T8 8-Foot for F96 Watt Lamp UV Clear Acrylic - Includes Black End Caps	24/Carton	12
17003*	17003	T12 4-Foot for F40 Watt Lamp UV Clear Acrylic - Includes Black End Caps	24/Carton	8
17004*	17004	T12 8-Foot for F96 Watt Lamp UV Clear Acrylic - Includes Black End Caps	24/Carton	15
17100	17100	End Caps for T8	48/Pkg.	1
17101	17101	End Caps for T12	48/Pkg.	1

* Long Lead Time. Contact the EPCO Inside Sales Department for more information.

Note: UV Protection Tube Guards are sold ONLY in case quantities of 24 per Carton. UV Protection Tube Guards are not to be used with HO or VHO lamps under any circumstances. Custom cut lengths available!



Heat Sink Screen

HO and VHO lamps create excessive heat at each end of the fluorescent lamp. EPCO's recommends using heat sink screens to distribute excess heat over a larger area on the ends of the fluorescent lamp.

Two heat sink screens are required for each Tube Guard (one placed approximately 1" from the lamp base).

Note: For 1500 milliamp maximum VHO Fluorescent Fixtures, place Heat Sink Screens 1" from the fixture base.

Catalog Number	UPC Number	Description	Standard Package	Standard Package Ship Wt. (Lbs.)
17800	17800	Heat Sink Screens for T8 and T12 HO and VHO Fluorescent Fixtures Note: Does not fit T5 Tube Guards	2/Pkg.	1

Engineered Products Company • 5401 Smetana Drive • Minnetonka, MN 55343
P 952.767.8780 / 800.336.1976 • F 952.767.8786 / 800.336.2801 • engproducts.com