

# A&L Electric Sales

Tomorrows lighting for a Greener Planet

## TG Tube Guard

### General Information

PALs provide full protection against the inherent dangers of fluorescent lamp breakage by retaining the shattered glass and phosphors. They are made of clear extruded polycarbonate, featuring high tensile strength over a wide temperature range and high impact strength even at low temperatures. PALs meet OSHA, FDA, NEC and USDA requirements. The U.S. Department of Agriculture requires meat packing plants to have acceptable protection for fluorescent lamps. The FDA requires lamps suspended over exposed food, in any step of preparation, must be of the safety type or otherwise protected to prevent food contamination in case of breakage. PALs allow lamps to meet these requirements.

Protect-A-Lamp sleeves provide exposed lamps protection against dirt, dust, bugs and flying insects. They reduce cleaning cycles and minimize lamp replacement due to breakage. These sleeves are for use in Museums, Art Galleries, Libraries, Department Stores, Food Processing Plants, Schools, Hospitals and other areas where contaminations may occur due to lamp breakage.

### Ultraviolet Filtering PAL'S

PALs U.V. composition shall effectively resist ultraviolet light emission because of the selective transmittance characteristics which filter out U.V. rays from 0 to 385 nanometers. Shall be made of extruded acrylic UVA-7 formulation.

### End Caps

End Caps are made of a snug fitting heat resistant polypropylene plastic. The caps will hold the lamps in place even if broken and will prevent the tubes from falling.



**Colors**  
 Clear  
 Red  
 Green  
 Blue  
 Pink  
 Amber  
 Yellow

| Catalog No. | Description               |
|-------------|---------------------------|
| TG4T12CL    | 4' T-12 Clear Tube Guard  |
| TG4T8CL     | 4' T-8 Clear Tube Guard   |
| TG8T12CL    | 8' T-12 Clear Tube Guard  |
| TG8T8CL     | 8' T-8 Clear Tube Guard   |
| TG4T12A     | 4' T-12 Amber Tube Guard  |
| TG4T12B     | 4' T-12 Blue Tube Guard   |
| TG4T12G     | 4' T-12 Green Tube Guard  |
| TG4T12P     | 4' T-12 Pink Tube Guard   |
| TG4T12R     | 4' T-12 Red Tube Guard    |
| TG4T12Y     | 4' T-12 Yellow Tube Guard |
| TG8T12A     | 8' T-12 Amber Tube Guard  |
| TG8T12B     | 8' T-12 Blue Tube Guard   |
| TG8T12G     | 8' T-12 Green Tube Guard  |
| TG8T12P     | 8' T-12 Pink Tube Guard   |
| TG8T12R     | 8' T-12 Red Tube Guard    |
| TG8T12Y     | 8' T-12 Yellow Tube Guard |
| TGET12      | T12 Tube Guard Ends       |
| TGET8       | T8 Tube Guard Ends        |

MEETS SAFETY STANDARDS  
 Required By:

**OSHA**

National Electrical Code  
 U.S. Dept. of Agriculture  
 Food and Drug

