

# PAL

## Protect-A-Lamp



PAL

### Description

Protect-A-Lamp sleeves, or PALs, guard 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. PAL sleeves also protect lamps against dirt, dust, bugs and flying insects.

### Features and Benefits

- Reduce cleaning cycles and minimize lamp replacement due to breakage.
- Snug end caps hold lamps in place, even if broken, preventing tubes from falling.
- HO (800MA) and VHO (1500 MA) high output lamps create excessive heat at lamp ends. Heat sink screens spread this heat to avoid sleeve deterioration.
- UV filtering PALs, made of extruded acrylic, also filter out blue light.

### Applications

Any area in which contamination may occur due to lamp breakage including food processing plants, schools, hospitals, department stores, libraries, museums and art galleries.

### Ordering Information

Please call 877-257-5841 for price and delivery.

### Notice

PALs safely protect T5 or T8 lamps when they are operated by electromagnetic ballasts, or are used in conjunction with electronic high efficiency ballasts that are designed to prevent overheating at the end of lamp life. A.L.P. does not recommend using protective sleeves (PALs) on T8 or T5 lamps under any other conditions. Not recommended for T5HO lamps or any lamp configuration in which surface lamp temperature can exceed 225°F.

## PAL Protect-A-Lamp

**Material:** Clear polycarbonate

**End Caps:** Heat resistant polycarbonate plastic

**Colors:**

Clear  
Red  
Green  
Blue  
Pink  
Gold  
Yellow  
Clear UVA-7 (UV filtering)

**Approvals and/or Listings:**

FDA  
OSHA  
NEC  
USDA

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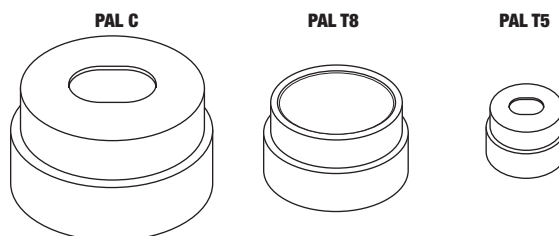
Standard PALs			
Catalog Number	Color	End Cap	Lamp Description
<b>T12 Lamps</b>			
PAL 40C	Clear	PAL C	F40 T12
PAL 48C	Clear	PAL C	F48 T12
PAL 72C	Clear	PAL C	F72 T12
PAL 96C	Clear	PAL C	F96 T12
PAL 96HOC	Clear	PAL C	F96 T12
PAL 96VHOC	Clear	PAL C	F96 T12
<b>T8 Lamps</b>			
PAL 18T8C	Clear	PAL T8	F15 T8
PAL 36T8C	Clear	PAL T8	F25 T8
PAL 40T8C	Clear	PAL T8	F32 T8
PAL 96T8C	Clear	PAL T8	F96 T8
<b>T5 Lamps</b>			
PAL 14T5C	Clear	PAL T5	F15 T5
PAL 21T5C	Clear	PAL T5	F21 T5
PAL 28T5C	Clear	PAL T5	F28 T5
PAL 35T5C	Clear	PAL T5	F35 T5

UV Filtering PALs				
Catalog number	Color	End Cap	Lamp Description	UV Range Filtering (Nanometers)
PAL 40CUV	Clear UVA 7	PAL C	F40 T12	0 - 385
PAL 40AUV	Amber UVA 7	PAL C	F40 T12	0 - 520
PAL 40YUV	Yellow UVA 7	PAL C	F40 T12	0 - 385
PAL 48CUV	Clear UVA 7	PAL C	F48 T12	0 - 385
PAL 72CUV	Clear UVA 7	PAL C	F72 T12	0 - 385
PAL 96CUV	Clear UVA 7	PAL C	F96 T12	0 - 385
PAL 96AUV	Amber UVA 7	PAL C	F96 T12	0 - 520
PAL 96HOCUV	Clear UVA 7	PAL C	F96 T12	0 - 385
PAL 96VHOCUV	Clear UVA 7	PAL C	F96 T12	0 - 385
PAL 18T8 CUV	Clear UVA 7	PAL T8	F15 T8	0 - 385
PAL 36T8 CUV	Clear UVA 7	PAL T8	F25 T8	0 - 385
PAL 40T8 CUV	Clear UVA 7	PAL T8	F32 T8	0 - 385
PAL 40T8 AUV	Amber UVA 7	PAL T8	F32 T8	0 - 520
PAL 40T8 YUV	Yellow UVA 7	PAL T8	F32 T8	0 - 385
PAL 96T8 CUV	Clear UVA 7	PAL T8	F96 T8	0 - 385
PAL 96T8 YUV	Yellow UVA 7	PAL T8	F96 T8	0 - 385

To Order: Replace suffix letter for Clear (C), Red (R), Green (GR), Blue (B), Pink (P), Gold/Amber (G), or Bug Light Yellow (Y). Example: PAL 40R

Replacement End Caps		
Catalog Number	Color	Lamp
PAL C	Black	All T12
PAL T8	Black	All T8
PAL T5	Blue	All T5
Replacement Heat Sink Screens		
PAL HS	Open Mesh	T12

### PAL End Caps



**Note:** Two End Caps are supplied with each sleeve.

Two PAL HS Heat Sink screens are supplied with each HO and VHO sleeve.

\*Please contact the factory for more information on UV protection UVA sleeves.

This drawing is for reference only. Actual part dimensions will vary. Customer is urged to review actual samples to confirm fit and function. All specifications and dimensions are subject to change without notice.

