

### FEATURES

- Shatterproof PET lamp covering is manufactured to a high spec to provide a simple containment system for broken glass on virtually all types of fluorescent lamps, including V.H.O
- PTLAMP provides a healthy and safe solution to what could otherwise be a disaster
- Operating temperature range -40°C to 125°C
- Shrink temperature 100°C
- Transparency to visible light > 99%
- UV Block > 99%



### TECHNICAL DATA

PROPERTY		TEST METHOD	VALUES
Mechanical	Tensile Strength	ASTM D 882	Above 200 kgf /mm <sup>2</sup>
	Elongation	ASTM D 882	Above 200%
	Gravity	ASTM D 792	1.3 ~ 1.4
	Tear Strength	ASTM D 1004	Above 2.0 kgf
Thermal	Glass Transition	DSC	75~80°C
	Melting Temp	DSC	230~245°C
	Flame Retardants	UL 94	
Nontransparency (4mm)		ASTM D 1505	< 2%
Light Transmissivity		ASTM D 570	85%
Electrical	Dielectric Breakdown Voltage	KS C IEC 60684-2	Above 80kV/mm
	Insulation Resistance	KS C IEC 60684-2	Above 1.0 x 10 M Ohms
	Withstanding Voltage	KS C IEC 60684-2	Endured 1min at AC 1500V
	Volume Resistivity	ASTM D 257	Above 1.0x10 <sup>14</sup>
	Surface Resistivity	ASTM D 257	Above 1.0x10 <sup>9</sup>
Chemical	Water Absorption	JIS C 2133 (24hr immersion)	Less than 0.5%
	10% NaCl	Internal Method (24hr immersion)	± 0.5%
	30% H2SO4	Internal Method (24hr immersion)	± 0.5%
	40% HNO3	Internal Method (24hr immersion)	± 0.5%
	40% NaOH	Internal Method (24hr immersion)	± 0.5%

### SPECIFICATION REFERENCES

RoHS	RECYCLING	NON-FLAME RETARDANT

### DIMENSIONS

LAMP TYPE	LAY-FLAT SIZE (mm)	ORDERING THICKNESS (mm)	TRANSVERSE SHRINK RATIO (%)	LONGITUDINAL SHRINK RATIO (%)
T5	26.7	0.10 ~ 0.12	50 +/- 5	50 +/- 5
T8	44.0	0.10 ~ 0.12	50 +/- 5	50 +/- 5
T12	66.0	0.10 ~ 0.12	50 +/- 5	50 +/- 5



### ORDERING

Comes in a wide range of colours and is normally supplied in in reels and can be perforated or cut to length. Perforation can be horizontal or vertical.

### COLOURS:

Clear \*(HC). Other colours available to order.

\*PTLAMP is sold in many countries worldwide for shatterproof usage. Shrink Sleeve are unable to guarantee the life or suitability of use for this product due to the optical light differences of each lamp. It is sold on the basis that it is extruded from PET material and is made to the sizes required including manufacturers tolerances and requested shrink ratios. **It is not suitable for black lighting.**

### ORDER CODE:

Product **Width** / **Wall Grade** **Colour**

PTLAMP \_\_\_\_ / \_\_\_\_ J \_\_\_\_

Example: 44mm x 0.10mm Clear is PTLAMP400/10JHC