

Shatterproof Lamp Cover PET Tubing 2:1 Ratio



Shatterproof PET lamp cover 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 total disaster.

- Operating Temperature Range -40°C to 100°C
- Shrink Temperature 100°C
- Transparency to Visible Light $> 99\%$
- UV Block $> 99\%$

Shrink Sleeve

The Worldwide Tubing Solution

Shrink Sleeve Limited is a leading company providing electrical and mechanical heat shrink tubes for a variety of industries and applications. Starting from products created by extensive developmental research. Shrink Sleeve Limited continues to respond to needs of customers and aims to become one of the most powerful heat shrink tube brands in the 21st Century.

www.shrinksleeve.com

Tel : 01732 462841 Fax : 01732 462851

mailto: info@shrinksleeve.com



Technical Data

Property	Test Method	Values
Tensile Strength	ASTM D 638	521 kg/cm ²
Ultimate Elongation	ASTM D 638	300 %
Specific Gravity	ASTM D 1505	1.33
Flexural Strength	ASTM D 790	1,470 kg/cm ²
Cycle Temperature	(300hrs at -40°C)	No cracking
Life Test	$\sim 125^{\circ}\text{C}$ 300 times)	or splitting
	Melting	244°C
Temp.	Glass Transition	82°C
	Heat Variation	75°C
Impact	Izod Notched	ASTM D 256
Strength	Dart	ASTM D 3763
		3.6 kg/cm ²
Nontransparency(4mm)		ASTM D 1505
		$< 2\%$
Light Transmissivity		ASTM D 570
		85 %
Electric Strength		JIS C 2110
		AC 1,500 V
Volume Resistivity		ASTM D 2671
		10^{14} ohm-cm
Heavy Metal		Pb & Cd
		Free
Evaporation Residue		
		4 mg/liter
KMnO ₄ vol. of Consumption		
		3 mg/liter
Water Absorption		ASTM D 570
		0.10 %

Specification References

NON-FLAME RETARDANT	RECYCLING

Dimensions

Note: **

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



** 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**.

Colour : Clear (HC)
(Other colours available to order).

Order : Product Width / Wall Grade Colour
PTLAMP ___ / ___ J ___
Ex. 44mm x 0.10mm Clear - PTLAMP440/10JHC