



Shatterproof FEP Lamp Coatings

Glass contamination can be prevented with the use of shatterproof coatings.

Used initially for UVA lamps in electronic fly killers, and subsequently for white lights, FEP has proved to be the ultimate coating material for shatterproofing lamps for this application. It allows glass and mercury to be safely contained when breakage occurs and yet does not become degraded by the heat or UV emitted by the lamps.

We manufacture heat shrinkable FEP to cover lamps and can cover virtually all lamp configurations, including straight, compact, circline (circular) and tight U-bend styles. Our specialist coating process ensures your lamps are IEC61549 compliant.

Our usual lamp coatings have a maximum continuous operating temperature of 200°C and does not embrittle or discolour over time as with other coatings. The integrity of the fluoropolymer coating will long outlast the manufacturers specified lifespan of the lamp.



Material: Fully fluorinated copolymer

Transparency to visible light: >99%

Transparency to UVA: >95%

Transparency to UVC: >85%

Heat shrinking temperature: 110°C nominal

Wall thickness: 0.25mm

Expected life time with fluorescent lamp: infinite

Maximum continuous operating temperature: 200°C

Availability: ex-stock in sizes to suit T5, T8 and T12 linear lamps

Presentation: Supplied as random production lengths on bulk reels or as cut lengths

For more information about our Shatterproof Lamp Coatings, please visit adtech.co.uk

For technical assistance, contact our customer service team:

+44 (0)1285 762000 - sales@adtech.co.uk