

## ADTEX-S™ Heat Shrinkable Lamp Shatterproofing Sleeves

### Cover lamps easily in your own premises

ADTEX-S heat shrinkable sleeves have been developed specifically to enable distributors, stockists and large users of lamps to be able to make UV and white light lamps shatterproof, very easily in their own premises in small or large quantities. The process equipment is minimal and coating can be applied with virtually no training to unskilled personnel.



- **Direct cost saving—more profit & added value.**

The cost of lamps coated in house are lower than lamps purchased coated. The base lamp can be bought in volume at low prices and in various sizes & lengths. Normally only one size of ADTEX-S is necessary per lamp type (T5, T8, T12) and this is simply cut to length from bulk reels as required.

- **Huge savings on stocking, logistics & space.**

Duplicated lamp stocking is avoided, lamps do not have to travel to and from lamp coating plants. Only lamps for immediate delivery or use need to be coated. ADTEX-S is light & more compact than lamps & does not use much warehouse space. Faster delivery from you to your customer. No waiting for lamps to be coated or supplied. Just coat the lamps you need while packing for despatch.

- **No additional transport costs & delays.**

If you have been sending lamps out for coating, then the delay and cost of transportation is eliminated.

- **Cover ANY manufacturers' lamps.**

You are not restricted to any manufacturer of choice or specification by the lamp coater. Mixtures of lamp types can be coated at the same time.

- **UV and Incandescent can be successfully coated.**

ADTEX-S has been used for over 18 years for coating UV (fly killer and sterilisation) and linear incandescent lamps with no degradation.

- **Very simple coating process.**

The coating process developed by Adtech Polymer Engineering Ltd is very simple, low cost & safe. It does not involve hot air ovens, conveyors or hot air guns. However, these can be used to apply the coating if preferred. Lamps can be identified with your own labels for repeat orders. It is simple to apply an identification label to the lamp under the coating. This is used to confirm that the lamp is coated and suggest where replacements can be ordered.

- **Minimal set up cost.**

For medium to small volumes, a coating space of a medium office desk is required and one person can coat around 120 x 4 foot lamps per hour. The cost of the equipment is less than £600.00.

## The ADTEX-S Low Temperature Shrinking Technique

ADTEX-S has been developed to be easily applied to lamp tubes at temperatures low enough to avoid thermal damage, common in other coating methods. The ADTEX-S coating process is available to customers of Adtech and we can supply simple high volume equipment at low cost. The rate at which lamps can be coated depends on a number of factors, but 120 x 4 foot T8 lamps can be coated per man-hour. The process can be operated by one person.

If the customer prefers, these materials can also be shrunk down using traditional shrink tunnels or hot air guns.



### Technical Data for ADTEX-S

ADTEX-S is a fluoropolymer based heat shrinkable sleeve. Being very transparent and completely unaffected by UV light is ideal for covering UVA and UVC tubes used in electric insect killers and sterilisation applications. It has been developed to be easy to apply to tubes at low temperatures. It can also be used with incandescent lamps.

**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

Order code ADTEX-S/14L/T5 for 16mm diameter tubes.

Order code ADTEX-S/23L/T8 for 25mm diameter tubes.

Order code ADTEX-S/32L/T12 for 38mm diameter tubes.

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

### Adtech lamp coating service



In addition to supplying sleeving, we also offer a coating service to our customers, who would rather not apply their own shatterproof coatings. We are also able to cover difficult shaped lamps such as 'circline' and 'U' types. This service which is now in its 18th year is available for both small and large quantities of lamps.

We offer very good prices for annual contracts, which can be for mixed styles. We are also able to source, cover and supply if necessary.

T: +44 (0)1285 762000 F: +44 (0)1285 760632

E: sales@adtech.co.uk W: www.adtech.co.uk

Registered company number: 01664951 • Registered company address: Adtech Polymer Engineering Ltd, UNIT 40, Aston Down East, Stroud, Glos, GL6 8HX