

# ADTEX™ HEAT-SHRINKABLE LAMP SHATTERPROOFING SLEEVES

**Cover lamps easily in you own premises**

Adtex heat shrinkable sleeves have been developed specifically to enable distributors, stockists and large users of lamps to be able to make 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.

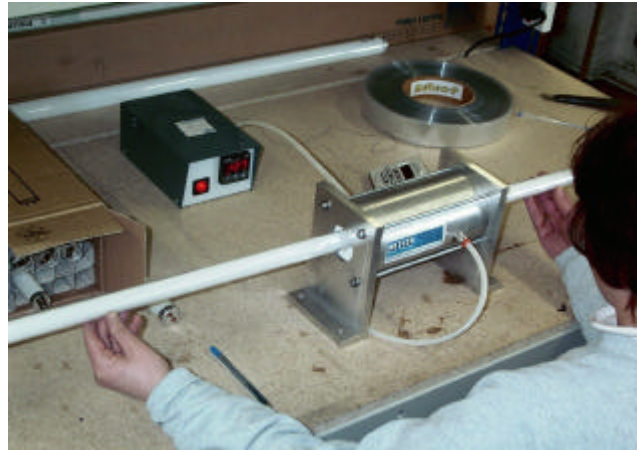


- **Direct cost saving - more profit & added value.**  
The cost of lamps coated in house are lower than lamps purchased coated. The base lamp can be bought in volume at low prices and in various sizes & lengths, but normally only two diameters of Adtex are necessary, and simply cut to the length of the lamp. The labour cost of coating lamps with Adtex is very low as it is a quick, simple & safe process.
- **Huge savings on stocking, logistics, & space.**  
Duplicated lamp stocking is avoided, lamps do not have to travel to & from lamp coating plants. Only lamps for immediate delivery or use need to be coated. Adtex 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 the transport 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 6 years for coating UV (flykiller and sterilisation) and linear incandescent lamps with no degradation. (Adtex-P is not suitable for incandescent or UV lamps)
- **Very simple coating process.**  
The coating process developed by Adtech Polymer 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 often used to confirm that the lamp is coated and suggest where replacements can be ordered.
- **Minimal set up cost.**  
For medium to small volume coating space the size of a medium office desk is required and one person can coat around 120 4ft lamps per hour. The cost of the equipment is less than £500.

## The Adtex Low Temperature Shrinking Technique

Both Adtex-S and Adtex-P have been developed to be easily applied to lamp tubes at temperatures low enough to avoid thermal damage common in other coating methods. The Adtex 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 150 4ft. 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.



### Adtex-P for White Light Tubes

Adtex-P is a polyester based heat shrinkable sleeve, completely transparent. It is supplied in reels as layflat tubing and is most easily shrunk onto lamps using the Adtex process. The material has been developed to provide easy shrinking, coupled with low finished cost

#### Technical Properties

Material : Polyethylene Terephthalate copolymer  
Transparency to visible light >99%  
Heat shrinking temperature 110 °C nominal  
Wall thickness 0.25mm  
Expected life time fluorescent lamp : 6000 hrs.  
Maximum continuous operating temperature 100 °C.  
Shrink ratio: 2:1

#### Availability

Order code Adtex-PT8 for 25mm dia. tubes  
Order code Adtex-PT12 for 38mm dia. tubes  
Presentation: Layflat tube in continuous coil, supplied by the metre

### Adtex-S for UV Tubes

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

#### Technical Properties

Material : Fully fluorinated copolymer  
Transparency to visible light >99%  
Transparency to UV-A >95%, UV-C 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-ST5 for 16mm dia. tubes  
Order code Adtex-ST8 for 25mm dia. tubes  
Order code Adtex-ST12 for 38mm dia. tubes  
Presentation: Cut lengths or layflat per metre

## Adtech lamp coating service



In addition to supplying sleeving we also offer a coating service to 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 8th. year is available for both large & small quantities of lamps.

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

**ADTECH**  
POLYMER ENGINEERING

ADTECH POLYMER ENGINEERING LTD.  
ASTON DOWN EAST STROUD, GLOS.GL6 8HX UNITED KINGDOM  
Tel: 01285 762000 Fax: 01285 760632  
Email: sales@adtech.co.uk www.adtech.co.uk