

## UV-Filter Sleeves

### CIMTRANS ASR

#### Product Description Type ASR

CIMTRANS filter sleeves are plastic tubes with a coloured foil inside. They are designed to filter the light spectrum of regular fluorescent lamps so that they can be used in various working areas in printed circuit production.

CIMTRANS filter sleeves provide for bright and shadowless illumination and high UV absorption. They are simply slid over existing fluorescent lamps and centred at both lamp ends by means of the end caps supplied. They also serve as a burst protection and thus increase work safety.

The end caps can be easily removed for exchange of defective lamps.

CIMTRANS filter sleeves are available in different lengths and filter colours for both T12 (36 mm) and T8 (26 mm) lamp diameters. With each tube 2 end caps are supplied for mounting.

The "long life" filter sleeves undergo an accelerated UV-ageing process of 10.000 hours in order to eliminate bleaching for approximately 5 years.

They replace expensive yellow neon tubes by very cheap standard tubes providing amortisation within short time

#### Areas of Use

Filter sleeves type ASR-C20 are clear with UV cut-off below 400 nm. These sleeves are recommended for use with regular photosensitive soldermasks.

Filter sleeves type ASR-G10 (UV cut-off below 520 nm, gold) and type ASR-MY10 (UV cut-off below 420 nm, light yellow) are intended for use with resists and diazo films.

Filter sleeves type ASR-R10 are red, cut off below 625 nm designed in cooperation with AGFA and KODAK to be used in dark room areas.

A single tube of 58W / 5ft plus ASR-R10 provides more light than 3 regular bulbs. 1 tube of 5 ft is enough to lighten about 5 sqm.

#### Available Sizes

CIMTRANS filter sleeves are available from stock in these lengths:

- 120 cm / 4 ft (for 36 W tubes)
- 150 cm / 5 ft (for 58 W tubes)
- 180 cm / 6 ft (for 70 W tubes)

We stock these sleeves in diameter 26 mm/T8 for modern low energy tubes.

Sleeves with diameter of 36 mm/T12 can be delivered subject to a lead time of about 3 weeks.

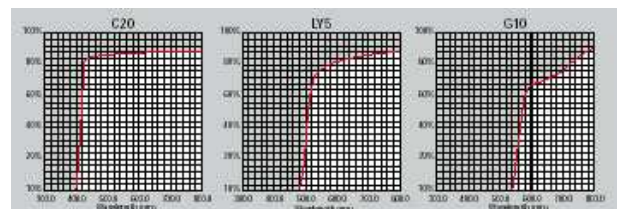
For use with 60 cm lamps sleeves of 120 cm can be easily divided by a hand saw. End caps are also available separately.



ASR-G10

ASR-C20

ASR-R10



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### **General safety information**

- Only use the product for applications described in the product data sheet
- The product is intended for industrial use only
- The product is not suitable for food industry
- The product must not be eaten
- In case of fire noxious fumes or smoke can be generated