

METOLIGHT UV-400 UV-Filter-Sleeves



Product usage

UV radiation from the sun or electric lights can damage light sensitive compounds present in many products. In order to avoid material fading and deterioration, it is very important to filter out the ultraviolet light from all light sources in the work environment.

Damaging, stray UV is a significant problem in work places such as UV-curing areas (coating of printed circuit boards, UV-curing resins) but also museums, libraries, archives, labs or hospitals but also in offices or stores.

To preserve sensitive and valuable materials, these environments need to control all climate aspects including temperature, humidity, and light exposure. What many facilities don't realize is that simply blocking exterior sunlight isn't enough. Interior lighting can produce as much, if not more, UV damage. Overhead fluorescent lamps emit significant levels of UV and can have damaging effects on light sensitive materials.

METOLIGHT UV-Filter are available in various colours. While for industrial usage mostly light yellow or gold-yellow filters are needed to protect UV-curing materials the usage of clear UV-filters is recommended where the temperature colour to the human eye shall not be changed. Clear filters are perfect for UV-safe illumination of museums, archives, libraries, medical care, food industry, stores, offices, working halls etc.

In areas where no UV-safe light is needed you can use the sleeves without built in UV-blocker to protect the lamps against damage.

Product Description

METOLIGHT UV-400 filter sleeves are made of polycarbonate with built in UV-blocker.

Since the UV-blocking is below 400 nm there is no impact to the colour sensitivity to the human eye. The light of fluorescent lamps remains bright or warm white depending on lamp type.

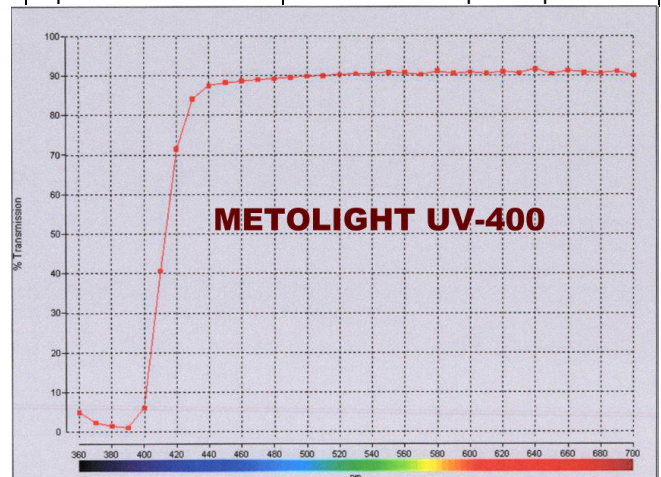
The filter sleeves are simply slit over common T5 / T8 tubes. Available in all common lengths, special lengths are available upon request.

With UV-400 sleeves interfering with the fitment of louvers and diffusers is avoided. The outer diameter of the fluorescent lamps increases for less than 1,5 mm

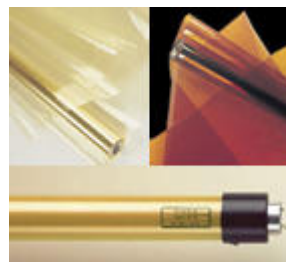
The UV-400 sleeves comply with common standards such as CE, WEE, ROHS, BS454

Available Dimensions

Lamp type	T5 – 16 mm	T8 – 26 mm
Lamp Power	Length	Length
6 Watt	230 mm	
8 Watt	300 mm	
13 Watt	525 mm	
14 Watt	549 mm	
15 Watt		450 mm
18 Watt		600 mm
20 Watt		
21 Watt	849 mm	
28 Watt	1149 mm	
30 Watt		900 mm
35 Watt	1149 mm	
36 Watt		1200 mm
40 Watt		
58 Watt		1500 mm
65 Watt		
70 Watt		1800 mm
Outer diameter	17,5 mm	27,5 mm
Special dimensions	Available upon request	



Also available:



UV-Filter foils in rolls or sheets cut to size to protect windows and filter sleeves also for dark room and laser rooms