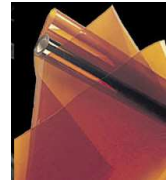




ASMETEC Photo Tools Product Summary



Diazo Films METO[®] DIAZ

METO[®] DIAZ D-18 diazo films are positive working films for use under UV-free roomlight conditions. Based on a transparent, durable polyester foil, thickness 180 µm, METO[®] DIAZ films offer a number of unique features to increase productivity, improve photo tool quality and reduce production costs. The films are manufactured and packed under clean room conditions. METO[®] DIAZ undergoes a very tight quality control.

METO[®] DIAZ diazo films can be exposed and developed in a simple process without any wet chemistry or dark room. Unlike silver films METO[®] DIAZ offers a resolution of > 1,000 lines/mm. Broad exposure latitude and un-critical exposure and developer times are further benefits to reduce production costs. The semi-transparent image helps registration. Surface scratches do not affect image density.

These METO[®] DIAZ diazo films are available in various standard sizes from stock:

D-18-M

Medium-amber, matte surface for faster vacuum draw-down and easy registration on liquid solder masks

D-18-G

Medium-amber, glossy surface, notch right hand top = view to emulsion side, recommended for use with dry resist film

Accessories for Film-Processing Retouching Pens

We trade the new generation of KIMOTO Pake retouching pens, featuring a patented flow regulation and a ruby, transparent super density retouching fluid. The fluid is fast drying and waterproof.



Thermolabels

Used to check and control the temperature flow within a diazo developer unit.

Ammonia-Checker

Used to check content of ammonia

Stouffer-Step-wedge 21 steps

Used for correct set of exposing steps, calibrated and non calibrated available from stock

UV-Filter Foils METOLIGHT[®] SFC/SFG

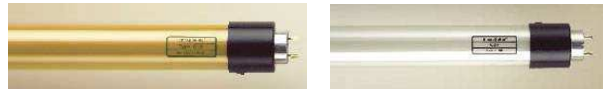
METO[®] LIGHT UV-filter foils SFC-20 and SFG-10 are clear, resp. yellow-gold coloured polyester foils to cover windows and lamps in the working area of photosensitive solder masks and diazo films. The foils have been specially treated to simulate 10,000 hours of UV-aging in order to prevent early fading of the filters.

UV-Filter Sleeves METOLIGHT[®] ASR

METO[®] LIGHT sleeves of the ASR-Series are plastic sleeves with a UV-filter foil inlet. They are designed to be pulled over commercial T5 or T8 fluorescent tubes in order to block UV-light and to meet the requirements of the working area for photo tools. The sleeves can be mounted easily and centered with the end caps attached.

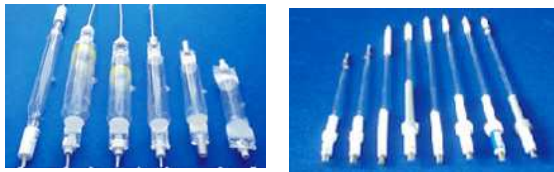
Filter colours on stock: gold (520 nm), medium-yellow (470 nm), clear (400 nm), red (625 nm).

We can supply complete assembled fluorescent lamps with filter sleeves in standard sizes 60 cm, 120 cm and 150 cm.



METOLIGHT[®] UV-lamps

METO[®] LIGHT UV-lamps made in Germany and Japan, specially selected to meet tightest tolerances and long term life.



The above statements are based on our present knowledge. Our statements should not be interpreted as a guarantee of characteristics. The use of our products by our customers is subject to different conditions, therefore none of our customers are relieved of the responsibility of testing our products by themselves. A liability for consequential damage will not be accepted in any case. For damage resulting from the use of this information we can only be held responsible if there is evidence of malice or negligence on our part. This data-sheet replaces any previous data sheets.

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