

tesa® UV Strip/UV Scan



UV Scan

The tesa® UV Strip is a reliable photochromatic film for **dose measurement on the object surface**. It is suitable for printing and coating industries. Conventional UV measuring systems can only measure the UV intensity during the process. By measuring the UV dose, the UV Strip takes also into account the **production speed**. Thus, it is possible to **monitor reliably the UV equipment during the ongoing process**. Waste can be minimised and process reliability increased by use of the tesa® UV Strip / UV Scan. The exposed strips can be evaluated with the Honle reading device which also enables storage of the data.

Features

- **storable data**
- **self-adhesive flexible measuring strips with minimal thickness**
- **reliable and easy monitoring of the UV dose directly within the production process**
- **reproducible results**

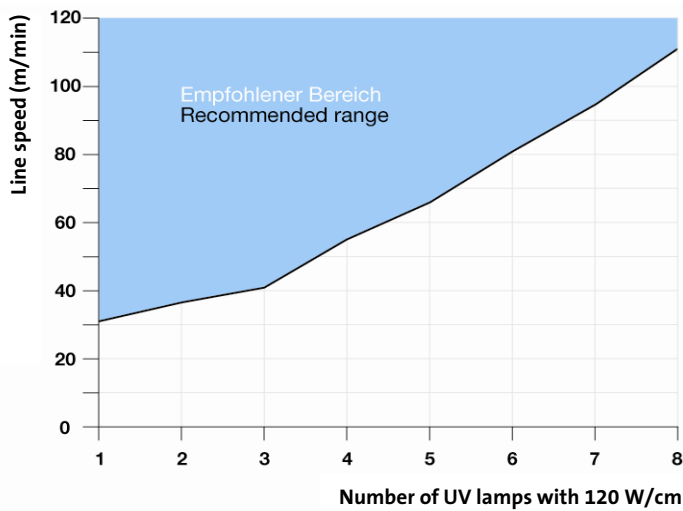
Benefits

- **UV measurement taking into account the throughput speed**
- **dose measurement even on complex surface geometries**
- **reduction of waste in production**



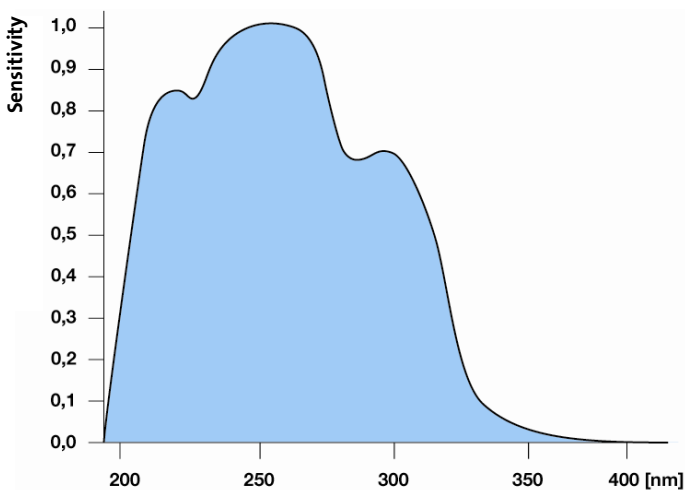
tesa® UV Strip

Recommended minimum line speed for tesa® UV Strip exposure



The colouration of the strip and the accuracy of the measurements depend on the lamp spectrum and the temperature on the substrate

Spectral sensitivity of tesa® UV Strips



Due to the wide sensitivity range of the tesa® UV Strip, accurate measurement for a large variety of applications is possible

The minimal thickness and high flexibility of the tesa® UV Strip enables measurements on surfaces which are **difficult to access**. The self-adhesive backing facilitates measurement of **vertical web paths**. The UV dose can be detected even on complex 3D surfaces.

General information

The measurement strips have a shelf life of approx. 2 years if stored in a cool and dark place. An optional accessory is a **data transmission cable from UV Scan to PC** including software. The strip size is approx. 70 mm x 19 mm, one package contains 10 strips. The tesa® UV Strip delivers an accurate reading from 5 minutes up to 2 hours after exposure.



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Operating parameters depend on production characteristics and may differ from the foregoing information. We reserve the right to modify technical data.
Disclaimer: The reproducible UV-related measurement is a tool for documentation of process parameters. A process guarantee based on these measurement data cannot be given.



Certified
ISO 9001