



UV Scan / tesa® UV Strip

for UV dose measurement

System-Features

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

Advantages

- UV measurement considering throughput speed
- dose measurement even on complex surface geometries
- reduction of waste

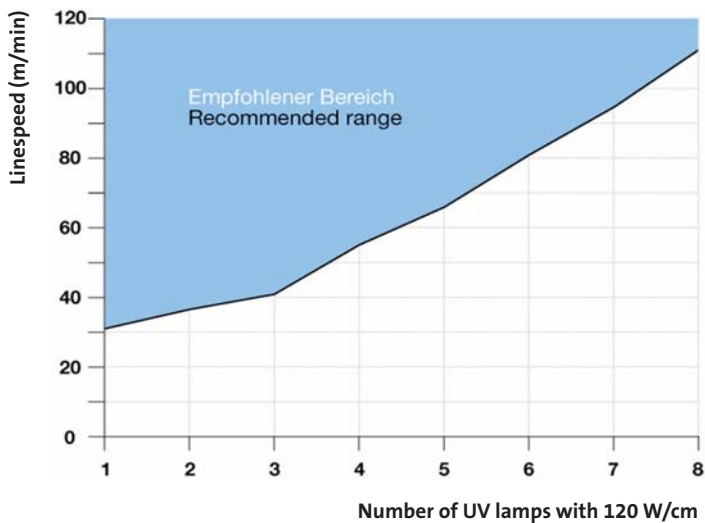
tesa® UV Strip / UV Scan

The tesa® UV Strip is a reliable photochromatic film for **dose measurement on the object surface**. It is suitable for printing and coating applications.

Conventional UV measuring systems are only able to measure the UV intensity during the process. By measuring the UV dose, the UV Strip also takes into account the **production speed**. Thus, it is possible to **reliably monitor the UV equipment during the ongoing process**.

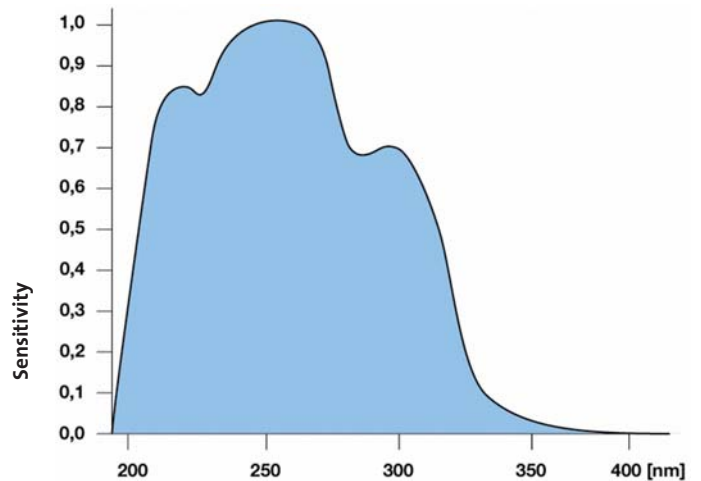
By using the tesa® UV Strip / UV Scan the waste of production is minimised whereas the process reliability is decidedly increased. The exposed strips can be read-out with the Höhle evaluation unit which also allows the documentation and storage of data.

Recommended minimum line speed for tesa® UV Strip exposure



The colouration of the strip and the accuracy of the measurement 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 makes it allow measurement even on surfaces which are **difficult to access**: The self-adhesive backing facilitates the measurement of **vertical web paths**. The UV dose can even be detected on complex 3D surfaces.

General information

The measurement strips have a shelf life of approximately two years, if stored in a cool and dark place. An optional accessory is a **data transmission cable from UV Scan to PC**, including software.

One package contains 10 strips. The strip size is ca. 70 mm x 19 mm.

The tesa® UV Strip delivers an accurate reading during a period of five minutes up to two hours after exposure.

hönle group		Curing	Drying	Bonding	Potting	Measuring
aladin	eleco-efd	eltosch	hönle	mitronic	panacol	printconcept
						uv-technik speziallampen



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