

# PRODUCT SHEET



## UV-Strips for UV-MACS 2.1

The UV-Strips are precise measuring strips for conventional UV discharge lamps as well as LEDs. They provide a user-friendly way of reliably monitoring UV dose.

- ✓ **Ensure process stability**  
Detect wear and dosage deviations early
- ✓ **Reduce waste**  
Prevent under- and over-curing
- ✓ **Save on running costs**  
Minimise lamp wear and power consumption
- ✓ **Enhance documentation quality**  
Record the UV dose for quality checks or audits



Operating parameters depend on production characteristics and may differ from the specified information. We reserve the right to modify technical data.

© PRUUE GmbH, Updated: 09.05.26

Product info



[pruue.de/315](https://pruue.de/315)

**PRUUE GmbH**

Freiberger Strasse 1  
01067 Dresden  
GERMANY

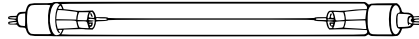
[contact@pruue.de](mailto:contact@pruue.de)

Phone: +49 351 463 34905

# FIND YOUR MATCH

Your Lamp

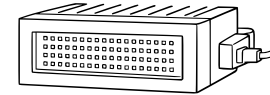
## Conventional UV



Use Cases

- Printing, packaging & converting
- Coatings, varnishes & surface finishing
- Industrial manufacturing

## LED-UV



- Printing, packaging & labels
- Electronics & precision manufacturing
- Adhesives & bonding

Products	UV-Strips 100 UV	UV-Strips 700 UV	UV-Strips 950 LED
Spectrum & Dose	Hg: 20 – 100 mJ/cm <sup>2</sup> Fe: 20 – 100 mJ/cm <sup>2</sup> Ga: 20 – 80 mJ/cm <sup>2</sup>	Hg: 200 – 700 mJ/cm <sup>2</sup> Fe: 200 – 700 mJ/cm <sup>2</sup> Ga: 200 – 500 mJ/cm <sup>2</sup>	395 nm: 170 – 950 mJ/cm <sup>2</sup> 385 nm: 75 – 450 mJ/cm <sup>2</sup> 365 nm: 60 – 360 mJ/cm <sup>2</sup>
UV-Strip Specifications	Dimensions: 2 x 7 cm Thickness < 400 µm	Dimensions: 2 x 7 cm Thickness < 450 µm	Dimensions: 2 x 7 cm Thickness < 460 µm
Key Features	<ul style="list-style-type: none"> <li>• Based on new innovative technology with delayed phosphorescent emission – no colour change!</li> <li>• Strong adhesive also for vertical web paths, no dependency on ambient light &gt; 405 nm</li> <li>• Moisture &amp; temperature stable: Shelf life &gt; 12 months at 30°C and up to 95% relative humidity, no fridge needed</li> </ul>		
Operating Conditions	<ul style="list-style-type: none"> <li>• Up to 60 °C during exposure</li> <li>• Relative humidity up to 75 %</li> <li>• Readout time after exposure: up to 1h</li> </ul>		



[pruue.de/319](https://pruue.de/319)

We recommend using our **product finder**.

Enter your process parameters like lamp type, etc. to find recommended product and settings.

Questions? Happy to help: [contact@pruue.de](mailto:contact@pruue.de)