



UV-FAST CHECK STRIPS 5001

This photochromic intensity indicator is a reliable, low cost, simple, in-house method of monitoring UV intensity. When exposed to UV, the yellow labels undergo a gradual color change from yellow to blue that is directly related to the energy value received.



Made from the same exclusive material as the UV Fast Check Strips 5005, the new UV-Intensity labels 5001 have the same color changing principle as the Strips, **but they have only 1 color changing square**. The New UV Intensity Labels have a sensitivity range that is 5 times greater than the product they have replaced, the old UV Intensity Labels.

The dramatic improvements over the old Intensity Labels include:

- Much greater color shift
- More stable, repeatable and consistent color change
- Not subject to increasing color changes at elevated temperatures



The new intensity labels 5001 begin as a bright yellow color (left). As they are exposed to UV they become increasingly more green



After continued UV exposure, the Labels take on a deeper shade of green, eventually reaching their maximum exposure color, solid blue.

The adhesive backed label is placed on a sample product or substrate and processed to proper cure rate. The color deviation can easily be measured with a spectrophotometer to record color change or by comparing the colors to test labels created to known operating standards to determine lamp failure or processing inconsistency. *NOTE: For best results, observe color change immediately after exposure to UV light as label may change.*

If used on a regular basis, they can detect equipment problems at an early enough stage to prevent lengthy shutdowns. Daily tests can easily indicate a step by step calibration for an accurate reference within each batch. The use of a Digital Tachometer can help insure repeatable results.

FEATURES:

- New UV Intensity Labels 5001 measure the entire UV spectrum
- Accurate visual determination of UV dose made possible
- Monitor UV dose in difficult-to-access curing environments
- Detect UV lamp degradation and equipment failures
- Provide the user with periodic assurance that their UV source is performing to expectations
- Greater rate of color change provides clearer, more precise UV dose determination
- Determine the dose profile in the 3D curing chambers or across wide webs to ensure even cure
- Measure the dose of sunlight in outdoor curing applications
- Evaluate and compare multiple UV light sources

SPECIFICATIONS:

- New UV Intensity Labels 5001 are available in packages of 990 labels (9 sheets of 110 labels per sheet.)
- New UV Intensity Labels 5001 Dimensions: ¾"H x 1"W (19mm x 25mm).