

# UV-FAST CHECK STRIPS 5005

**UV FastCheck™ Strips** are simple, reliable, and easy to use indicators of accumulated UV light dosage. They are the first product that can be used to determine levels of UV dose with a simple, visual inspection due to the 5 separate color changing zones. Each of the 5 zones begin to change color after a specific amount of UV dose has been received. First the "1" zone begins turning from yellow to blue. Then each subsequent color zone starts to change colors when its specific chemistry has received the proper amount of UV to activate its color change.

The versatility of this unique UV measurement tool allows users to measure a significant range of UV doses. FastCheck Strips measure UV doses from 0mJ/cm<sup>2</sup> to greater than 5,000mJ(5J)/cm<sup>2</sup>. As well, due to their paper-thin profile and thermal stability, they can be used in all applications where a radiometer is not possible, including: Web printing, Sheet Fed printing, Exposure Verification of exposed products, 3-D curing, and personal UV exposure level testing.

The FastCheck Strips' clearly identifiable color change enables users to visually differentiate the dose differences. To measure the dose even more precisely, use a spectrophotometer to record color change by the UV FastCheck Strips. *NOTE: For best results, observe color change immediately after exposure to UV light as label may change.*

As well, a comparative dose chart for the FastCheck Strips is included in each package. With this chart, each tested FastCheck Strip can be correlated to the millijoule range of UV energy that each color pattern represents

## FEATURES:

- FastCheck Strips 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:

UV FastCheck Strips are available in packages 200 Strips (10 sheets of 20 adhesive backed Strips per sheet)

UV FastCheck Strips Dimensions: 1/2"H x 2-1/8"W (13mm x 54mm)

UV-DESIGN Edgar Höhn GmbH  
Geschäftsführer Edgar Höhn  
Amtsgericht Hanau: HRB 96948  
VAT-ID No.DE814427103

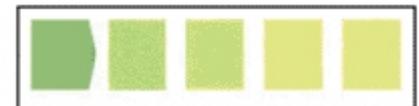
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(prior to exposure)

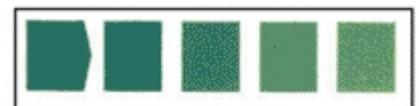
All five squares are yellow, first square Will change color immediately in UV light



The first square is the deepest green. The rest are increasing degrees of yellowish green.



The first square is now a dark green. The other squares are progressively more green



Now, the first square is blue and the next 2 squares are a blue-green. The 4th and 5th squares are a deeper green.