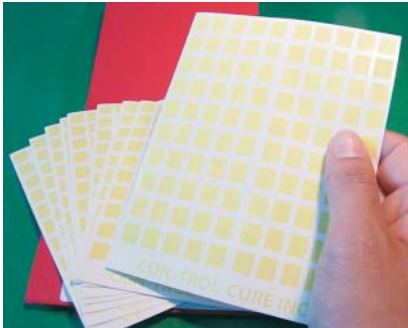


UV FASTCHECK™ STRIPS

Simple, highly accurate method for measuring specific UV dosage;
photochromatic labels change color based on the UV energy received



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. The first zone (the one shaped differently) 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/cm² to greater than 5,000mJ(5J)/cm². 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 dose differences. UV FastCheck Strips can be coupled with a handheld colorimeter to measure the dose even more precisely.

As well, we have included a comparative dose chart in each FastCheck package so that each tested Strip can be correlated to the millijoule range of UV energy that each color pattern represents.



(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 1st square is blue and the next 2 squares are a blue-green. The 4th and 5th squares are a deeper green.

FEATURES/BENEFITS

- 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 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 dose profile in 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:

- 20 adhesive backed UV FastCheck Strips per sheet, 10 sheets per package
- UV FastCheck Strips Dimensions: 1/2"H x 2-1/8"W (13mm x 54mm)