

Ultraviolet Light Amount Distribution Measurement Film

UVSCALE Application Examples

No.3

Field
UVcoating

Measured objects

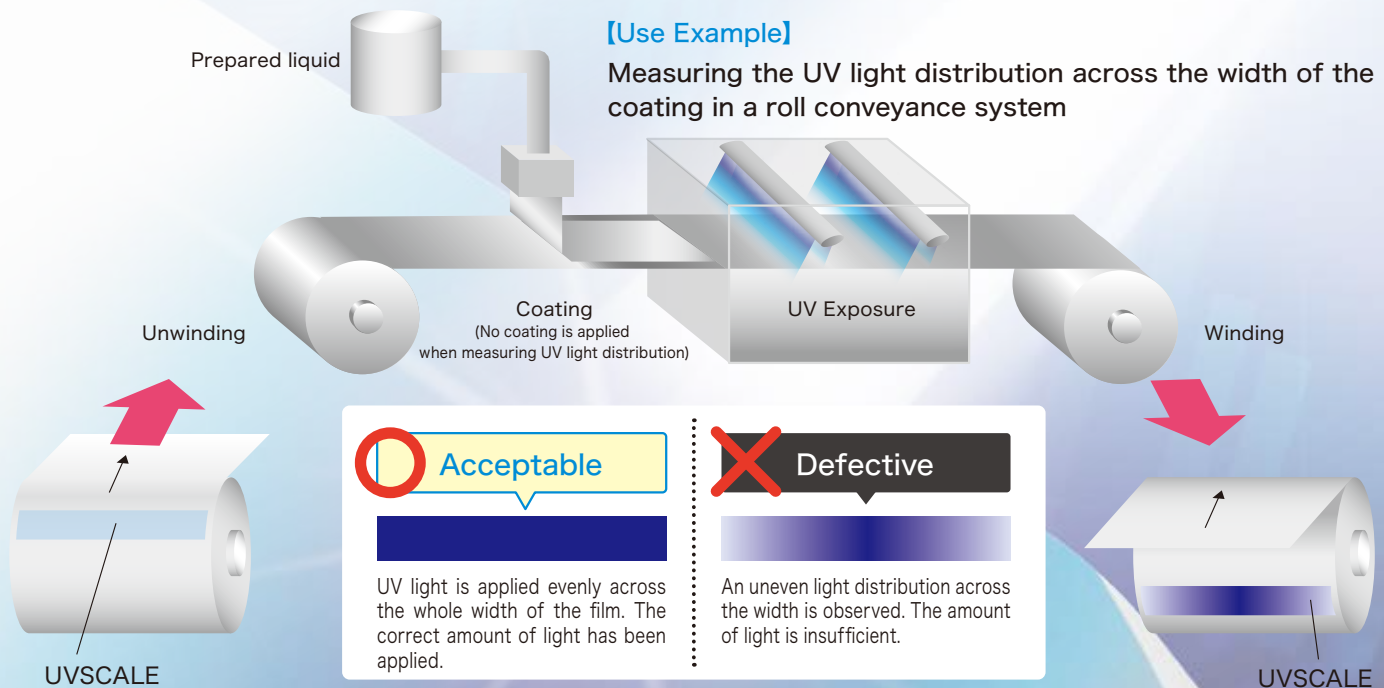
- Liquid crystal panel films (hard coating, adjustment of field of vision, etc.)
- Adhesives for liquid crystal panels and electronic components
- Glass for liquid crystal panels and hard disks (providing functionality to the surface)

Purpose

To check the UV light amount/UV light distribution when UV curable resins are irradiated with UV light

Outline of use

Cut the UVSCALE to the width of coating or other relevant appropriate size, place on the base material of the coating, and irradiate with UV light under normal conveyance and irradiation conditions. Remove the UVSCALE and observe its coloring.
UV light irradiation coverage and lamp degradation can easily be checked.



Benefits of UVSCALE

- Allows measurement of light amount during roll conveyance, which cannot be measured with an illuminometer.
- The light distribution across the whole width can be measured in a single test, allowing the time required for adjustment and judgment to be reduced.
- Since anyone can easily measure UV light amount, accuracy of curing of the UV curable resin can be improved.

* Please note that the specifications and performance stated in this catalog may change without prior notice as a result of improvements. The diagrams used are schematic, and differ from those for actual measurements.