Why Go with Light Curing?

Learn the benefits of light curing and how it can help your team become more efficient.

SPEED

Many choose a light-curing process because of the speed of cure. Most UV light-curable materials cure fully in 1-30 seconds, resulting in dramatic cost-saving benefits, including:

SHORTER CYCLE TIMES

INCREASED CAPACITY = LESS BOTTLENECKS

NO OVENS.
NO HUMIDITY CHAMBERS.
NO RACKS.
LOTS OF FLOOR SPACE.

SIMPLIFIED AUTOMATION, **WHICH MEANS:**

- REDUCED INDEXING TIME
- INSPECTION COMPLETED ON-LINE
- REDUCED COMPLEXITY OF FIXTURING DURING CURING PROCESS

ONE-COMPONENT FORMULA

Often overlooked, but many times even more significant than speed, the one-component nature of light-curable materials provides additional cost-reducing benefits, including:

LOWER CAPITAL COSTS FOR DISPENSING SYSTEMS

NO HAZARDOUS WASTE

NO POT LIFE PROBLEMS

WAIT – WHAT'S A POT LIFE?

A pot life is the time between when a multiple-component system is mixed and when it's dispensed or discarded – often measured in minutes or hours and requiring frequent purge cycles. Result: clogged mixing elements.

PRODUCT PERFORMANCE

Product performance is another critical factor when selecting different bonding technologies. Light-curing materials offer:

GREATER ADHESIVE STRENGTH TO A WIDE RANGE OF SUBSTRATES

A WIDER RANGE OF OTHER PHYSICAL PROPERTIES

THAN OTHER COMPARABLE TECHNOLOGIES

DYMAX®

Dymax manufacturers curing equipment and compatible adhesives, coatings, and resins. We focus on creating solvent-free materials that cure clean, green, and fast, helping engineering teams accomplish more in less time and with less negative impact on the environment.

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