




# 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 manufacturers curing equipment and compatible adhesives, coatings and resins.

We focus on creating 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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