

LIGHT-CURABLE ADHESIVES

VERSUS

ONE-PART SILICONES

WHICH IS BETTER FOR YOUR APPLICATION?

Light-Curable Adhesives

One-Part Silicones

✓ Full cures in 1-30 seconds	Fast Cure Speeds	Cures in 30 minutes to several days
✓ Typically 100-4,000 psi	Strong Bonds	100-500 psi
✓ 1 year on average	Long Shelf Life	3-6 months on average
150-175°C for most light-curable adhesives	High-Temperature Resistance	Upwards of 200°C ✓
Opaque materials block UV and visible light	Opaque Substrate Bonding	Not an issue ✓
✓ Full cures in 1-30 seconds	Effect of Humidity on Cure	Humidity affects the cure speed of moisture-cured silicones
Light-curing equipment required	Equipment	No equipment required ✓
✓ None	Silicone Contamination	Possibility of migration across an entire plant



Dymax manufactures light-curable adhesives, coatings, and maskants, as well as compatible dispensing and curing equipment. 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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