

LIGHT-CURABLE ADHESIVES








VERSUS

HOT MELTS

WHICH IS BETTER FOR YOUR APPLICATION?

Light-Curable Adhesives

Hot Melts

 No cure until exposed to high-intensity light	Open Time [Time Before Cure Begins]	Curing begins immediately upon dispense
 Optically clear grades available	Clarity	Some clear grades but typically cloudy or opaque
 Bonds can withstand a broad range of temperatures	Temperature Resistance	Adhesives melt at high temperatures and lose strength and become brittle at low temperatures
Opaque materials block UV and visible light	Opaque Substrate Bonding	Not an issue 
 Wide range of viscosities available	Viscosity	High viscosity when melted
Light-curing equipment required	Equipment	Hot melt guns and heated pots/lines required
 No mixing or prep needed before dispense	Ease of Dispense	Materials must be heated and are stringy during dispense
 Bonds dissimilar substrates	Bondable Substrates	Not appropriate for heat-sensitive substrates



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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