

# Dymax Optical Display & Touch Screen Laminating Adhesives



## Description

### Protect & Enhance the Clarity of Flat Panel Displays, Liquid Crystal Displays and Smart Connected Devices

**Dymax light-curable optical display bonding adhesives** are specifically formulated for applications where durable, crystal-clear, invisible bonds are required. Their fast, on-demand cure allows substrates to be repositioned precisely until parts are ready to be cured. One-part LCD adhesives are ideal for touch panel assembly including bonding flat panel displays, touch screens, LCD screens, tablets, outdoor kiosks, navigation systems, liquid crystal displays, kiosk panels, mobile phones, and smart connected devices.

Dymax optical display laminating adhesives help reduce air entrapment and bubbles to create strong, ripple-free bonds that help increase panel strength. They also act as a barrier against stressing, significantly improving product reliability and warranty costs.

## Features & Benefits

- Non-yellowing for increased light transmission, enhanced brightness, optical clarity, and better contrast ratios
- Excellent bond strength
- Superior re-workability for easy removal or repair
- Easy flow characteristics for flat panel lamination
- Excellent thermal shock resistance

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- Low shrinkage minimises visible distortion after cure

## Applications

- LCD and plasma screens
- Monitors
- Outdoor kiosks
- Navigation systems
- Mobile phones

| Product                       | Applications  | Features  |
|-------------------------------|---|---|
| <b>Dymax 9701</b><br>DYM 9701 | Optical display lamination and bonding of hand-held, touch, and large display LCD screens | UV/Visible light cure; low viscosity performance; optically clear; non-yellowing; excellent re-workability; low shrinkage; good thermal shock resistance; bonds a variety of surfaces; halogen-free |

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| Product                       | Applications  | Features  |
|-------------------------------|---|---|
| <b>Dymax 9702</b><br>DYM 9702 | Optical display lamination and bonding of hand-held, touch, and large display LCD screens               | UV/Visible light cure; medium viscosity performance; optically clear; excellent re-workability; non-yellowing; low shrinkage; bonds to a variety of surfaces; good thermal shock resistance; halogen-free |
| <b>Dymax 9703</b><br>DYM 9703 | Edge damming; Optical display lamination and bonding of hand-held, touch, and large display LCD screens | UV/Visible light cure; gel viscosity performance; excellent re-workability; non-yellowing; low shrinkage; bonds to a variety of surfaces; good thermal shock resistance; optically clear; halogen-free    |

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| Product                             | Applications                     | Features  |
|-------------------------------------|----------------------------------|---|
| <b>Dymax 9-20737</b><br>DYM 9-20737 | Sealing frame to display surface | UV/Visible light cure; one part, no mixing required; high viscosity for filling gap without flowing into shadowed areas; No VOCs; solvent resistant; adhesion to various substrates; halogen-free |

## Other Information

**Intertronics** supply a comprehensive range of **UV lamps** and equipment. Our primary applications are the **curing of UV and light cure adhesives**, coatings and polymers, and the use of UV for inspection. The range includes UV spot lights, UV cure lamps, UV flood curing lamps and UV conveyors.

■ [Full range of Dymax curing equipment](#)

Supplied by:

**intertronics**

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