



DISPLAY ADHESIVES

A world of materials at your fingertips



HumiSeal[®]



DISPLAY ADHESIVES

A world of materials at your fingertips

HumiSeal's UV curable optical display bonding adhesives are specifically formulated for applications where a durable, crystal-clear, invisible bond is required. The fast, on-demand cure allows substrates to be repositioned precisely until parts are ready to be processed. Display adhesives are ideal in applications such as touch panel assembly including bonding flat panel displays, touch screens, LCD screens, tablets, indoor/outdoor kiosks, navigation systems, mobile phones, and smart connected devices.

PRODUCT RANGE

Product	Description	Cure	Durometer	Viscosity	Index of Refraction
LOCA51	High strength optically clear adhesive designed specifically to ruggedise displays. Low shrinkage and ultra-low mura.	UV cure	A25	2,000-3,500	1.44
LOCA52	Low viscosity and low shrinkage optically clear adhesive for thin application.	UV cure	A40	500-1000	
LOCA53	Fire retardant optically clear adhesive with low modulus for high reliability applications such as aviation. Low shrinkage for low mura.	UV cure	A28	4,000-5,000	1.48
LOCA59	Thixotropic optically clear adhesive paste for edge and damming applications	UV Cure	A45	Thixotropic Paste	

We are continually looking to further enhance our product range by being at the forefront of optically clear adhesive innovation and product development. If you are unable to find a product that meets your requirements, we are able to work with you in formulating a material that meets your application needs.

FEATURES & BENEFITS

- Non-yellowing for maximum light transmission, enhanced brightness, clarity, and contrast ratios
- Excellent bond strength
- Superior re-workability for easy removal or repair
- Easy flow characteristics for flat panel lamination
- Excellent thermal shock resistance
- Low shrinkage minimises visible distortion after cure

HumiSeal • 295 University Avenue • Westwood • MA 02090 • USA
Tel: +1 781 332 0734 • Fax: +1 781 332 0703

HumiSeal Europe • 505 Eskdale Road • Winnersh • Wokingham • Berkshire • RG41 5TU • United Kingdom
Tel: +44 (0)1189 442 333 • Fax +44 (0)1189 335 799

HumiSeal India • J-154 • M.I.D.C. Bhosari • Pune – 411 026 Maharashtra • India
Tel: +91 20 66308098



www.humiseal.com