

High performance UV curing plastic bonding adhesive aids efficiency

Increasing production throughput of bonded plastic assemblies is high on the list of priorities these days for both design and production engineers, if what our customers say is anything to go by. In these situations, we are delighted to offer [Dymax Ultra Light-Weld® 3069](#), which is a UV/visible light-curable adhesive designed for rapid bonding and laminating of a variety of plastic substrates.

This high performance, solvent-free adhesive cures in seconds to enable faster processing, increased output and lower processing costs. It is specifically designed to bond to a variety of both rigid and flexible plastics including PVC, polycarbonate, polyurethane, PET, and PETG. An excellent choice for bonding dissimilar materials, [Dymax 3069](#) offers manufacturers significant flexibility advantages over other fastening methods such as welding, mechanical fasteners and traditional adhesives. Typical applications include flexible lamination, plastic housing assembly, appliance assembly, speaker assembly, electrical bonding and potting.

When cured with an appropriate [light-curing spot, focused-beam or flood lamp](#) that offers the correct balance of UV and/or visible light, the optimum speed and performance for plastic-bonding applications can be achieved. [Ultra Light-Weld® 3069](#) is in full compliance with RoHS directives 2002/95/EC and 2003/11/EC and is ideal for use in industries such as electrical, appliance, automotive, electronics, industrial, medical device and metal finishing.

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