

Ultra-Red Adhesives for high contrast bond-line inspection and product verification

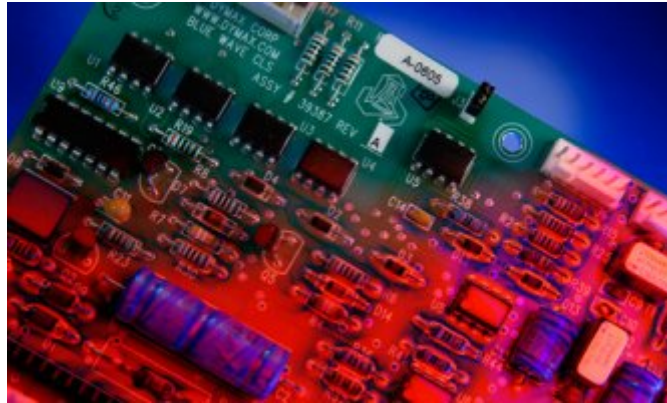
Description

We are persuading our customers to “see red” literally. The [Ultra-Red™](#) fluorescing technology built into many **DYMAX** adhesives offers assemblers concrete advantages in plastics fabrication.

Many plastics naturally fluoresce blue under UV light – this minimizes the inspection advantages of using blue-fluorescing adhesives in parts assembly. [Ultra-Red® fluorescing adhesives](#) remain naturally clear until exposed to UV light, at which point they fluoresce bright red providing a vivid contrast that permits accurate bond-line inspection. The red fluorescence does not absorb the same light energy wavelengths as those used to cure the adhesive, resulting in faster and deeper cures when compared with the same adhesives containing blue fluorescence.

Ultra-Red® fluorescing technology can also be used by manufacturers for product authentication. By virtue of its patented technology, the red-fluorescing compound is exclusive to **DYMAX** for use in radiation-cured adhesives and coatings. When measured, this technology produces a distinctly unique energy peak that cannot be reproduced by any other fluorescing compound. This offers manufacturers the ability to assemble or mark their products and be assured that, in the event of a future challenge as to the authenticity of the product’s origins, the products can be positively identified. Ultra-Red® fluorescing technology is RoHS compliant.

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