

Light Cure Adhesive Fluoresces Red for Easy On-Part Detection



For medical device and industrial assembly applications, Henkel Corp. has introduced Loctite 3979 light cure adhesive—a translucent, non-sagging gel formulation designed to fill moderate gaps without migrating beyond its intended location. Loctite 3979 cures in seconds upon exposure to UV/visible light, and fluoresces red for easy on-part detection prior to or following cure.

The adhesive offers high adhesion (up to 3,500 psi) on plastic, metal, and glass substrates and is ideal for use on parts that feature inherent blue fluorescing agents. This single-component, gel viscosity adhesive offers excellent performance on vertical or porous surfaces as it will not drip, run, or migrate. Curing to depths greater than 0.25-inches, Loctite 3979 is ISO-10993 biocompatible and can be used for bonding or sealing a range of medical devices including medical tubing and fluid/respiratory devices.

This non-drip adhesive cures tack-free on exposure to the appropriate intensity of UV/visible light. Loctite 3979 will withstand temperatures ranging from -65 to 300°F. Available in both 25 ml syringes and 300 ml cartridges, the adhesive can be dispensed manually or with automated dispense equipment.

Source URL (retrieved on 01/29/2015 - 11:59am):

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