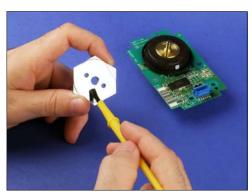
Master Bond Inc.

Adhesives, Sealants and Coatings

Adhesives for Optical Industry



Optical systems offered by Master Bond include both one and two component epoxy resin compounds and one component UV curable compositions. The epoxies are specially formulated to maximize resistance to water and other adverse environments. Features of the optical systems offered by Master Bond are excellent light transmission characteristics, superior non-yellowing properties along with a wide range of systems where the index of

refraction ranges from a relatively low 1.43 up to 1.61. The ultraviolet compositions cure tack free in the presence of air. Formulations have been carefully processed to exclude potentially objectionable contaminants as chlorine and other halogens as well as sodium and related elements. They provide innovative solutions to the many processing problems of the optical industry and virtually eliminate quality control difficulties caused by corrosion and other environmentally induced conditions.

Applications range from bonding and potting fiber-optic cables, connectors and terminations, upgrading the vibration and shock resistance of electro-optic assemblies, cementing and coating optical parts, potting LED devices, optical replications, bonding ferrules and connectors, and coating or encapsulating a wide variety of electro-optic and laser components.

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