

Two-component silicone presents flexibility and high temperature resistance



Offering a blend of desirable performance properties, Master Bond MasterSil 153 is often used in a variety of bonding and sealing applications involving optical, electrical, aerospace and medical devices. As an addition cured system, it does not require air for complete cross-linking. It can be cured over wide surface areas as well. This two component silicone features easy handling with a one to one mix ratio by weight and its paste consistency allows for precise application. It has a low exotherm and long working life of five to seven hours at room temperature. It is a self priming system, which enhances its bonding abilities to a wide variety of similar and dissimilar substrates, including most metals, plastics, glass, ceramic and cured silicone rubber. This translucent silicone is also serviceable over the wide temperature range of -65°F to over 400°F. According to the company, MasterSil 153 offers exceptional flexibility that enables it to withstand severe thermal cycling as well as vibration and mechanical shock. Its softer durometer of 20-35 Shore A hardness improves its repairability.

Master Bond

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