

Silicone Bonding

Surgical and dental instrument safety, design, and function can be improved when silicone grips and sleeves are custom molded to the instruments. A proprietary silicone bonding process creates a hermetic seal between the silicone and the over molded instrument. This seal withstands repeated autoclave cycling and inhibits the migration of body fluids between sealed surfaces. Ergonomically designed features increase rotational control of instruments while providing a light and secure grip. Silicone molded designs are possible that satisfy requirements for accuracy, durability, comfort, and most significantly, tactile sensitivity.

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<http://www.mdtmag.com/product-releases/2004/10/silicone-bonding>