

Smooth-Sil® 960 Platinum Silicone

Extremely High Dimensional Stability | High Accuracy, Low Shrinkage



1. Mold is placed into a Spin Cast Machine.

Spin casting utilizes centrifugal force to produce bubble free castings. A disc-shaped mold is spun as resin is poured into it. As the mold continues to spin the resin is forced into the details and sets.



2. Resin is poured into the Smooth-Sil® 960 mold and the mold is spun at a set speed.

Smooth-Sil® 960 is a Shore 60A platinum cure silicone rubber developed for a variety of industrial applications. Compared to other 60A platinum silicones, Smooth-Sil® 960 has a relatively low viscosity and is easy to mix, de-air and pour. Silicone cures in 16 hours with negligible shrinkage to a firm rubber with high tensile and tear strength.

Smooth-Sil® 960 offers good chemical and heat resistance, making this a good choice for production casting of resins and expanding foams. Because of its firmness, Smooth-Sil® 960 molds are also used for spin casting. It is also used for embedding and electrical applications.

Because of the dimensional stability and low shrinkage of *Smooth-Sil® 960* it is optimal for making molds of prototype parts where the need for numerous high accuracy castings is crucial.



3. Smooth-Sil® 960 ensures high detail is achieved and that you get a perfect dimensionally accurate casting every time.

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