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Castaldo **VLT**®

Very Low Temperature!
As low as 71°C -160°F
Rapid Molds from Rapid Prototypes!
Computer to Production In Hours, Not Days!

Make high-volume production molds **Directly** from CAD/CAM and Rapid Prototyping models **Fast** without risk of damage from heat or pressure.

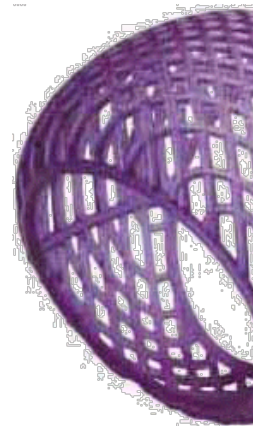
VLT® brings to manufacturers what has been missing so far in the CAD/Cam revolution - **speed!** Get your models into production in as little as **30 minutes!**

VLT vulcanizes at temperatures **as low as 160°F / 71°C**, making it ideal for creating tough, strong long-lasting **production** rubber molds **directly** from all types of plastic resin models. Makes great molds from traditional wax carvings too!

VLT produces highly detailed wax injections with an extraordinarily shiny surface that requires less finishing. Waxes are self-releasing and need no release spray. Molds are easy to pack and easy to cut. Rubber shrinkage is only **0.1%**.

VLT Silicone Molding Rubber is provided in two convenient sizes. • **Regular:** Strips 18" x 2 7/8" x approximately 3/8" (45.7cm x 7.3cm x approximately 6mm) and packaged in 5lb. cartons (2.27kg). • **Double-wide:** Strips 18" x 5 3/4" x approximately 3/8" (45.7cm x 14.5cm x approximately 6mm) and packaged in 10lb. / cartons (4.5kg).

A standard size mold vulcanizes at: • 88°C / 190°F for 30 minutes • 82°C / 180°F for 45 minutes • 76°C / 170°F for 60 minutes • 71°C / 160°F for 90 minutes.



[Go to the Using VLT web site page.](#)

[How To Use VLT \(PDF\)](#)

[Silicone instructions](#)

VLT article on the topic of direct casting from CAD/CAM models. **2004 AJM INNOVATION AWARD WINNER**
" The wait **IS** over!!!!"
by John Shanahan from the August 2005 issue of AJM.

[VLT article on Rapid Jewelry Prototyping.](#) reprinted courtesy of Objet Geometries Inc.

[Silicone rubber technical PDF document](#)

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