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### **United Silicone Announces Teflon<sup>®</sup>-Faced Heat Sealing Bars and Materials**

Lancaster, NY, September 26, 2005. United Silicone, an ITW Decorating Company, announces the availability of Teflon<sup>®</sup>-faced heat sealing bars and sheets. This new generation of heat sealing products combines the strength of metal backing, the compliance and heat tolerance of silicone rubber, and the unique qualities of Teflon<sup>®</sup>. The surface bond at the Teflon<sup>®</sup>-silicone rubber interface remains stable at temperatures of 350°F to 400°F.

The new Teflon<sup>®</sup> face, with its inherent low coefficient of friction, non-sticking properties, and chemical resistance, adds significantly to the versatility of silicone rubber for heat-sealing applications. When chemically bonded to a metal backing, the material may be formed and mechanically fastened to other components.

The Teflon<sup>®</sup>-faced silicone rubber material is available in 12" x 24" sheets and various thicknesses. Additional sizes, as well as pre-fabricated parts, are also available. Steel or aluminum metal backings in standard thicknesses are available. The silicone rubber material of 70 durometer is provided in 1/32" to 1/8" thicknesses. The silicone rubber is bonded to a 1/32" thick Teflon<sup>®</sup> layer.

For more information, visit [www.heatsealsupply.com](http://www.heatsealsupply.com)