

Silicone Gasketing

Silicone sheet gasket material is a very versatile material ideal for a wide range of applications. Silicone rubber gasket material offers temperature resistance, weather (UV and ozone) resistance, and fire resistance. Silicone gasket material has very good compression set resistance allowing it to maintain a proper seal over many years.

Silicone gaskets offer exceptional high and low temperature capability while maintaining excellent flexibility. Normally manufactured by molding or die cutting of sheet stock. Silicone rubber offers the advantages of lower molding pressures compared to organic rubber, as well as low toxicity and low odor.

Silicone gasket material is not recommended for dynamic applications due to its poor tear strength and tensile. It does not do well with oils. It does however do well in most gasketing (static) applications and seals at lower bolt loads than most rubber materials due to its low durometer.

The temperature range on most silicone gasket materials is -80o F to +450o F

Consult American Seal & Packing for your specific application.

Available in 1/32", 1/16", 1/8", 3/16" and 1/4"

