



Hanna Rubber Company

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EXTREME HIGH-TEMPERATURE GRADE SILICONE SHEETING

DESCRIPTION:

Our High-Temperature Grade silicone sheeting is designed for applications needing higher temperature resistance than standard/general purpose silicone and is using the latest in **Heat Stabilizer Technology**. It is easily die-cut and provides a superior gasket and sealing solution. Thicknesses from .010" to .500" thick. Widths up to 60" wide. Further, the material is available with various color and catalyst options.

KEY CHARACTERISTICS:

- Extreme High & Low-Temperature Resistant -85°F to +600°F (Intermittent)
- Excellent for Seals & Gaskets
- Fabricated with high-quality and certified raw materials
- UV / Ozone Resistant & Excellent Electrical Insulator
- Cured Silicone Sheet is Non-Toxic & Chemically Inert
- >750PSI TENSILE, >90% ELONGATION, AND >70 TEAR (after 168 hrs at 300C)

PROPERTIES	TEST METHOD	ESS60HT	ESS55HT
Specific Gravity, g/cc	ASTM D297	1.27	1.25
Durometer, Shore "A"	ASTM D2240	60+/-5	55+/-5
Tensile Strength, psi	ASTM D412	1200	1050
Elongation, %	ASTM D412	450	450
Tear, ppi Die "B"	ASTM D624	140	130

These typical physical properties are provided for evaluation information only.
It is up to the end-user to determine the appropriate material for the intended application.