



ElastaPro Silicone Sheeting

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HIGH TEAR/TENSILE Vacuum Blanket Grade SILICONE SHEETING 55 Durometer

DESCRIPTION:

Our High Tear, High Tensile Grade silicone sheeting is designed for applications needing higher physical properties than general-purpose & medium strength silicone. It's easily configured, with key applications being for the construction of vacuum blankets and bladders. Thicknesses from .010" to .500" thick. Widths up to 62" wide. Further, these materials are produced using ingredients in accordance with FDA CFR 177.2600. Standard Matte Surface Finish and Fabric Finish available on one or both sides.

KEY CHARACTERISTICS:

- Extreme High & Low-Temperature Resistant -85°F to +450°F (500°F Intermittent)
- Excellent for critical vacuum blanket applications
- Excellent knotty tear that slows tear propagation
- Available in sheet and catalyzed, uncured silicone compound with various catalyst options
- Fabricated with high-quality and certified raw materials
- UV / Ozone Resistant & Excellent Electrical Insulator

PROPERTIES	TEST METHOD	ESS55VB
Specific Gravity, g/cc	ASTM D297	1.15
Durometer, Shore "A"	ASTM D2240	55+/-5
Tensile Strength, psi	ASTM D412	1500
Elongation, %	ASTM D412	750
Tear, pli Die "B"	ASTM D624	275

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.