



ElastaPro Silicone Sheeting

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HIGH STRENGTH GRADE SILICONE SHEETING 50-70 Durometer

DESCRIPTION:

Our High Strength Grade silicone sheeting is designed for applications needing higher physical properties than general-purpose & mediums strength silicone. It is easily die-cut and provides a superior gasket and sealing solution and is available from 50-70 durometer. Thicknesses from .010" to .500" thick. Widths up to 60" wide. Further, these materials are produced with ingredients per FDA CFR 177.2600 and designed to meet key High Strength Specifications.

KEY CHARACTERISTICS:

- Extreme High & Low-Temperature Resistant -85°F to +450°F (500°F Intermittent)
- Excellent for Seals & Gaskets
- Fabricated with high-quality and certified raw materials
- UV / Ozone Resistant & Excellent Electrical Insulator
- **SPECIFICATION: A-A-59588 CL3B (exception to flex)**

PROPERTIES	TEST METHOD	ESS50HS	ESS60HS	ESS70HS
Specific Gravity, g/cc	ASTM D297	1.15	1.17	1.22
Durometer, Shore "A"	ASTM D2240	50+/-5	60+/-5	70+/-5
Tensile Strength, psi	ASTM D412	1250	1300	1280
Elongation, %	ASTM D412	575	560	400
Tear, pli Die "B"	ASTM D624	165	170	170

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.