



ElastaPro Silicone Sheeting

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EXTREME FLAME RETARDANT SILICONE SHEETING UL94V0 RATED - COLORS

DESCRIPTION:

Our Extreme Flame Retardant Grade Silicone Sheeting is designed for applications needing high flame resistance and UL 94 V0 performance. Additionally, this material generates low smoke density for interior applications (rail, air, sea). 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 upon request. Due to the material's specific chemistry, it's available in red, black, or grey.

KEY CHARACTERISTICS:

- Extreme High & Low-Temperature Resistant -85°F to +550°F (Intermittent)
- Excellent for Seals & Gaskets
- UL94V0 Rated and confirmed via an ANSI-accredited lab, per ISO/IEC 17025:2017
- Designed to meet FAR25.856
- UV / Ozone Resistant & Excellent Electrical Insulator

PROPERTIES	TEST METHOD	ESS60UL94V0-COLOR	ESS70UL94V0-COLOR	ESS80UL94V0-COLOR
Specific Gravity, g/cc	ASTM D297	1.30	1.46	1.48
Durometer, Shore "A"	ASTM D2240	60	70	80
Tensile Strength, psi	ASTM D412	1200	900	1100
Elongation, %	ASTM D412	500	300	175
Tear, pli Die "B"	ASTM D624	125	125	100

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.