



Silicone Hi-T has a wide temperature range, is waterproof, airtight and virtually chemically inert. It will withstand the severe effects of strong sunlight, weathering and aging. This material will not burn and emits minimal fumes when exposed to an open flame. Silicone Hi-T is a substitute for asbestos cloth in high temperature applications, offering outstanding properties lacking in other flexible connector materials. Silicone Hi-T can be considered for almost any application requiring high temperature performance and fire-proof qualities.

TECHNICAL DATA

Basic Fabric	Fiberglass Weave
Coating	Silicone rubber
Weight	17.5 oz. / sy ± 10% (595 g/m2 ± 10%)
Thickness	0.018" ± 0.01" (0.457 mm ± .025 mm)
Tensile Strength	200 lbs x 150 lbs (53.58 kg/cm x 40.19 kg/cm)
Burst Strength	400 psi + (2758 kPa)
Tear Strength	50 x 40 lbs (22.68 x 22.68N)
Heat Range	-67°F + 500° (-55°C + 260°) Continuous
Fire Rating	Nonflammable. Does not support combustion. Meets UL-214, N.F.P.A. Standard 90 A and 90 B classifications.

SPECIFICATION/STANDARDS COMPLIANCE

Property	Method	Results
Flame Propagation of Fabrics and Films	ANSI/UL-214	Pass
Surface Burning Characteristics of Building Materials	ASTM-E84	Pass
	Los Angeles Approval RR# 8434	Pass

FEATURES AND BENEFITS

- For high temperature applications
- Asbestos cloth substitute
- Waterproof and airtight
- Non-Flammable
- Ozone resistant