



ElastaPro Silicone Sheeting

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Fiberglass Reinforced Silicone Sheeting ESS70CI-RED-1564

DESCRIPTION:

ESS Fiberglass Reinforced Silicone Sheeting was developed where added tensile and tear strength are required for demanding applications such as aerospace, automotive, and general industrial seals and gaskets. This material has excellent weatherability, resists swell in various lubricating oils, and maintains its physical properties over a wide temperature range.

KEY CHARACTERISTICS:

- Extreme High & Low-Temperature Resistant -80°F to +500°F
- Excellent for Static and Dynamic Seals & Gaskets
- UV / Ozone Resistant
- Ingredients are listed in CFR 177.2600 (Rubber articles intended for repeated use in contact with food)
- **Specifications;** AMS3320, AMS3315

TYPICAL PROPERTIES	ESS70CI-RED-1564
Durometer, Shore "A"	70+/-10
Fiberglass Thickness	.014"
Fiberglass Weight (oz/sqrd)	12.5
Tensile Strength (Fiberglass & Silicone), psi	1300 Min
Fiberglass Break Strength psi	400x350
Compression Set%	35 Maximum
Plain Weave Thread Count	20x18

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.