



ElastaPro Silicone Sheeting

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Fiberglass Reinforced Silicone Sheeting ESS70CI-RED-FG

DESCRIPTION:

ESS70CI-RED-FG 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)

| TYPICAL PROPERTIES | ESS70CI-RED-FG |
|---|----------------|
| Durometer, Shore "A" | 70+/-10 |
| Fiberglass Thickness | .007" |
| Fiberglass Weight (oz/sqrd) | 6 |
| Tensile Strength (Fiberglass & Silicone), psi | 1300 Min |
| Fiberglass Break Strength psi | 250x200 |
| Compression Set% | 35 Maximum |
| Plain Weave Thread Count | 44x21 |

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.