



32R

SILICONE-COATED FIBERGLASS
FABRIC SPECIFICATIONS



Physical Characteristics

Fiber Content	Fiberglass
Coating/Finish	Silicone
Color	Red
Weight	32 oz/yd ²
Thickness	0.035"
Weave	Satin
Flexibility	Excellent
Electrical	Non-conductive
Chemical	Non-reactive
Widths	38" & 60"

Performance Characteristics

Break Strength [warp]	275 lbs.
Break Strength [fill]	250 lbs.
Tear Strength [warp]	65 lbs
Tear Strength [fill]	55 lbs
Flame Resistance	Self-extinguishing
Afterglow	10 seconds max
Char Length	1"

Temperature Parameters

Silicone Service Temperature	500°F
Fabric Maximum	1200°F
Fiberglass Service Temperature	1000°F
Fabric Melt Temperature	1200°F

- ▶ 32R is in conformance with MIL-C-24576, MIL-I-24244B, and MIL-Y-1140C. This material works well as an impermeable membrane in high-temperature applications such as expansion joints and special seals where resistance to fluids and abrasion is required.

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