



Silicone

Coated Fiberglass

General Description:

Silicone is a fiberglass fabric coated with a dry silicone rubber. This special high temperature silicone rubber provides greater life and improves resistance to abrasion, tear and puncture, and increases flexibility. The advantages of this silicone fabric are: it is UV resistant, water resistant, oil resistant, and flame retardant.

Physical Properties:

Color: Silver Grey

Weight: 17.0oz/sq. yd. \pm 10%

Thickness: .015 inches \pm .001

Tensile Strength:

Warp: 300lbs./inch

Fill: 250lbs./inch

Tear Strength:

Warp: 50lbs.

Fill: 50lbs.

Burst Strength: 600 psi

Flame Resistance:

Flameout: 1 sec. max.

After Glow: 1 sec. max.

Char Length: .3" max.

Temperature Resistance:

-67°F to 500°F

UV Resistance: 1000 hours; no change in tensile