

# SILICONE IMPREGNATED FIBERGLASS FABRIC STYLE F-S/S-500-32

**GENERAL DESCRIPTION:** Style F-S/S-500-32 is a heavier fiberglass fabric impregnated with an incombustible silicone rubber, providing improved resistance to abrasion, flexing, tearing, and puncture. It is also resistant to water, oil and chemical corrosion. Style F-S/S-500-32 is asbestos free and eliminates the health hazard associated with asbestos.

When subjected to flame the coated fabric produces non-toxic, non-corrosive by-products tested in the National Bureau of Standard smoke chambers. It meets U/L 492 requirements for self-extinguishing flame requirements.

## PHYSICAL PROPERTIES:

Base Fabric:	Fiberglass
Color:	Silver Grey
Weight:	32 oz. sq. yd. $\pm$ 10%
Tensile Strength:	Warp: 410 lbs./in. Fill: 375 lbs./in.
Mullen Burst:	200 psi
Beach Puncture:	750 units
Flame Resistance:	Flame out 1 Sec. Max. After Glow 1 Sec. Max. Char Length 1 Inch Max.

### Temperature Resistance

Continuous 1000 Hrs.	500°F No Change
Intermittent 100 Hrs.	700°F Weight Loss 10% Strength Loss 10%

### Chemical Resistance

Immersed 120 Hrs. (R.T.)	Phosphoric Acid - No Change
	DMF - 100% Solution - No Change
	Oil Multi Viscosity Motor Oil - No Change

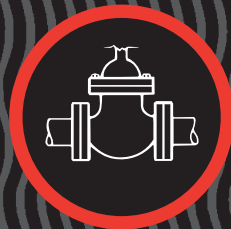
### Specifications

Fabric:	MIL-Y-1140 MIL-1-24244
Silicone:	MIL-1-24244 ASTM E162 ASTM E84.84.A MIL-C-24567 (SH) NSN 8305-01-035-1057

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DIVISION