



Firwin FWN 3259-2-SS Silicone Coated Fabric DESCRIPTION:

Firwin FWN 3259 - 2 - SS is a fiberglass fabric meeting MIL-C-20079F impregnated with a specially formulated silicone rubber 25% total by weight. It is designed to meet the rigid requirements for use in nuclear reactors. This special high temperature, flame retardant silicone rubber provides greater life and improved resistance to abrasion, flexing, tear and puncture. This product is designed specifically for high temperature (500 deg. F) removable pads, flange and valve covers. This STANDARD DUTY product meets the requirements of NRC Guide 1.36 and Military Specification MIL-1-24244.

ADVANTAGES:

Aluminum color, water and oil resistant, flame retardant, low smoke, easily sewn, lightweight.

APPLICATIONS:

Removable Insulation Pads, Flange Covers, Welding Curtains, Safety Clothing, Equipment Covers, Expansion Joints.

Property Data for FWN 3259-2-SS

<u>TEST</u>	<u>METHOD</u>	<u>RESULT</u>
WEIGHT	ASTM D-3776	17.5 oz / sy +/- 10%
THICKNESS	ASTM D-1777	0.018" +/- 10%
TENSILE STRENGTH	FED 191/5102	WARP-200 lbs / inch min. FILL - 150 lbs / inch min.
TEAR STRENGTH	FED 191/5136	WARP - 50 lbs min. FILL - 40 lbs min.
BURST STRENGTH	ASTM D-774	400 psi min.
BASE FABRIC and WEAVE		Fiberglass / Satin Weave
COLOR and COATING		Silver Aluminum
FLAME RESISTANCE	FED 191/5903.2 Also UL 214.	CHAR LENGTH -1 inch max. AFTERGLOW -1 second max. FLAME OUT -1 second max.

TEMPERATURE RESISTANCE:

COLD: -67 F, **HOT:** Continuous: 1000hrs. @ 500 F = No Change

INTERMITTENT: 100 hrs. @ =700 F - Weight Loss=10%, Strength Loss=50%

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Specializing in marine, aerospace, automotive and commercial fabrics for thermal and industrial applications

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