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Fiberglass Cloth

Style

**#2025
Aluminized**

DESCRIPTION

Style 2025/Aluminized meets the requirements of Coast Guard Specification 164.009 for fire-retardant material and is included in Military Specification MIL-C-20079G, Type 1, Class 10. Meets Military Specification MIL-I-24244B and NRC Guide 1.36. Style 2025/Aluminized has been specifically designed for flange shield material by the U.S. Navy. Since it must meet Coast Guard Specification, a very low percentage of adhesive is used. Material should be tested prior to use for commercial applications. Style 2025/Aluminized is finished with a treatment to set the weave and reduce fraying when cut. This fabric is then laminated to aluminum foil to provide a vapor retarder and a barrier to water and oil.

PROPERTY DATA for STYLE 2025/Aluminized

CHARACTERISTIC	METHOD	RESULT
WEIGHT		19.5 oz. / sy +/- 10%
THICKNESS		0.026" +/- 10%
TENSILE STRENGTH	FED 191/5102	Warp- 250 lbs / inch (avg.) Fill- 250 lbs. / inch (avg.)
TEAR STRENGTH	FED 191/5136	Warp- 50 lbs. minimum Fill- 50 lbs. minimum
BURST STRENGTH	ASTM-D-774	550 psi minimum
BASE FABRIC and WEAVE		Fiberglass / Plain Weave
COLOR and/or COATING		Aluminum Foil
TEMPERATURE RESISTANCE		Service Temp = 300 F
FLAME RESISTANCE	FED 191/5903.2	Char Length 1 inch max. Afterglow 1 second max. Flame Out 1 second max.

<u>WIDTHS</u> 60"	<u>ROLL LENGTH</u> 50 YD	<u>WEIGHT / ROLL</u> 114 lbs
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