



AMSN WM WHITE MYLAR FACING

DESCRIPTION

AMSN WM white mylar facing is a fire resistant polyester film that is laminated to a fiberglass reinforcing scrim using a fire retardant adhesive. WM offers excellent puncture resistance, high tear strength and can be heat sealed. It meets the requirements of USCG 164.112 (interior finish).

APPLICATION

AMSN WM facing is used primarily as a facing material for marine insulation boards such as polyimide (DOD-I-24688 Type 1), fiberglass (MIL-I-22023 Type 3) and mineral wool where low frequency noise attenuation is required. This facing is also used to fabricate ceiling panels for shipboard living quarters.

PHYSICAL DATA

BASE FABRIC		FR Polyester Film Fiberglass Scrim
WEIGHT		2.8 oz/sy (+/-10%)
THICKNESS		.009" nominal
TENSILE STRENGTH	FTMS-191-5102	40 x 32 psi
TEAR STRENGTH	ASTM D-1117	7 X 7 (lb min.)
BEECH PUNCTURE	ASTM D-781-65-J	300 units min.
BOND STRENGTH	ASTM D-1786-72	Cohesive Failure
FLAME RESISTANCE	FTMS-191-5903	
	FLAME	1 sec
	AFTERGLOW	1 sec
	CHAR LENGTH	5,5"
SURFACE BURNING	ASTM E-84	
	FLAME SPREAD	10
	SMOKE DEVELOPED	20
1/4 SCALE FIRE TEST	MIL-I-22023 TY3 APP. A	PASS
PERMEABILITY	ASTM E-96-66A	.5 perms
AVAILABLE WIDTHS		24, 48"
STD ROLL LENGTHS		500 LY

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