



Specialty Products
and Insulation

59M FireMaster® Marine Blanket

White Mylar Reinforced Facing

Description

59M FireMaster Marine Blanket is composed of a lightweight, non-combustible blanket produced from a Calcium-Magnesium-Silica raw material without the use of organic binders. The mechanically needled blanket provides excellent thermal and acoustic properties and produces no smoke or flame during a fire condition. The 59M facing provides a bright white durable, puncture resistant facing. The insulation blanket is typically used for shipboard fire protection of steel or aluminum bulkheads and decks, fire doors, marine exhaust duct and other thermal and acoustical applications on pleasure craft, workboats, ferries, cruise ships, military vessels and offshore platforms. Other facings available include: 332 NAVY Cloth, 8847 VBD and Aluminum Foil.

Specifications

* Approved as meeting Parts 2 and 5 of Annex 1 of the IMO FTP code by the U.S. Coast Guard per 164.112/133/0

Advantages

Thermal Insulation – This effective insulation system minimizes heat transfer / energy loss providing energy savings and a more comfortable environment.

Quality Control – Faced blanket is produced in compliance with an established quality control program, under follow-up service with Intertek Testing Services NA Ltd., a qualified independent third party inspection agency. This ensures consistent, high quality finished materials.

Noise Control – Acoustical characteristics reduces unwanted noise levels.

Installation

59M FireMaster Marine Blanket is easy to cut and fit and installs with appropriate insulation pins, clips and joint tape.

Availability

Standard Sizes: ½" - 2" thick,
Roll Length 15--25 ft. per roll

59M FireMaster Blanket is available through Winroc-SPI service centers nationally. Call or visit our website to locate one near you.



Performance Compliance Data

Facing: Color white, 100% fiberglass scrim and polyester

film. Weight 3.0 oz. / sq. yd.

Complies to U.S. Coast Guard #46-CFR 164.012 Interior Finish U.S. Coast Guard Certificate of Approval 164.012 /73/0

Tear Strength per ASTM-D-5587, Wrap 7 lbs, Fill 7 lbs

Beach Puncture per ASTM-D-781, 400 units (106 in/lbs)

Flame Resistance per ASTM-E-84 Flame spread 0, Smoke 10

Base Blanket: Color white

Coast Guard Certificates 164.007, 164.107 and 164.207 **Melt point:** 2327°F, 1275°C

Continuous Use Temperature: 1832°F (1000°C)

Loss on Ignition, LOI 0

Flammability Test: Flame Spread 0, Smoke Developed 0, fuel contributed 0

Thermal Conductivity Btu•in/(hr•ft²•°F) [W/m•°C]
per ASTM C 201

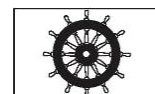
Mean Temperature 6lb. density (other densities available)

500°F (260°C)	0.46	(0.07)
1000°F (538°C)	1.02	(0.15)
1500°F (816°C)	1.78	(0.26)
1800°F (982°C)	2.28	(0.33)

Note: properties as reported by base blanket manufacturer



Intertek



1408/12

59M FireMaster Marine Blanket Quote / Order Form

DATE

COMPANY	CONTACT	PHONE
PROJECT NAME & LOCATION		DATE REQUIRED
SHIP TO LOCATION		P.O. NUMBER

59M FireMaster Marine Blanket	Blanket (½", 1", 1½", 2" thick, 2' wide)			
	Thickness	Width	Length	SF
Accessories	Length	Size	Diam.	Quantity
Insulation Stick Pin				
White Navy Washers	N.A.			
Std. Lock Washers	N.A.			
Joint Tape	N.A.		Roll	

Note: Final quantities rounded to full carton or packaged quantities.



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 Blanket

Disclaimer and Limitation of Warranty. The purchaser/user is advised to consult with the appropriate professionals and to read the manufacturer's product information to determine the adequacy or appropriateness of the product for the use intended. SPI makes no claim or representation regarding the use or applicability of the products. Further, SPI makes no warranty, expressed or implied, and disclaims all warranties including warranties of merchantability and fitness for a particular purpose.

**For additional information
 visit <http://www.spi-co.com>**

**Please ask your SPI Sales
 Representative about other fabrication
 products and services.**