



Specialty Products  
and Insulation

## 8847 Flexible Marine Blanket

8847 VBD Reinforced Foil Facing

### Description

8847 Flexible Marine Blanket is composed of a lightweight, incombustible fiberglass thermal / acoustical blanket with a durable, puncture resistant foil / scrim / metalized polyester facing vapor barrier. The nominal .75 lb. density fiberglass blanket is highly resilient and offers high thermal performance. Note: other densities available on request.

The faced insulation blanket is typically used for shipboard heating and air conditioning systems but can be useful for other thermal or acoustical applications on pleasure craft, workboats, ferries, cruise ships, military vessels and offshore platforms. Other standard Marine Blanket facings include: 59M 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 (R Value 3.4 per inch) 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** – Excellent sound absorption characteristics reduces unwanted noise levels.

### Installation

8847 Flexible Marine Blanket is easy to cut and fit and installs with appropriate insulation pins, clips and joint tape.

### Availability

**Standard Sizes:** 1 ½", 2", 2 ½" and 3" thick

Roll Length

1 ½" thick - 100 ft. per roll

2" thick - 75 ft. per roll

2 ½" and 3" thick - 50 ft. per roll

**8847 Flexible Marine Blanket** is available through Winroc-SPI service centers nationally. Call or visit our website to locate one near you.



### Performance Compliance Data

**Facing:** Color silver, Aluminum foil / fiberglass scrim /

metalized Polyester, Weight 0.019 lbs. / sq. ft.

**UL 723** Flame spread < 25, Smoke Developed < 25

**Base Blanket:** Complies to MIL I 24244C

**Coast Guard/IMO Approved 164.109/38/0**

**ASTM C 411 Operating Temperature Limit:** 400°F

(204°C) **Nominal Density 0.75 pcf.**, (12 kg/m3),

**others per request Thermal Conductivity per ASTM C 518**

Mean Temperature		Thermal Conductivity	
°F	°C	Btu•in/(hr•ft <sup>2</sup> •°F)	W/m•°C
75	24	0.29	.042

**ASTM E 84** Flame Spread – Not exceeding 25  
Smoke Developed – Not exceeding 50

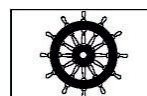
**Sound Absorption Coefficients (un-faced) ASTM C 423 (Type A Mounting)**

Thickness		Frequency, Hz						
inches	mm	125	250	500	1000	2000	4000	NRC*
1	25	0.15	0.58	0.62	0.75	0.84	0.90	0.70
2	51	0.30	0.82	0.86	0.98	1.02	1.07	0.90

\*Noise reduction coefficient.

**Base Blanket SCS Certified- Minimum 25% Recycled Content**

Note: properties as reported by base blanket manufacturer



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## 8847 (VBD) Flexible Marine Blanket Quote / Order Form

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

8847 Flexible Marine Blanket	Blanket (1 ½", 2", 2 ½", 3" thick, 2' wide)			
	Thickness	Width	Length	SF
Accessories	Length	Size	Diam.	Quantity
Insulation Stick Pin				
Silver 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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### SPI Specialty Products & Insulation

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