

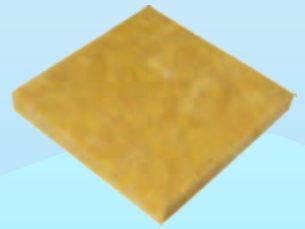


www.quietflex.com

Versatile Blanket

Product Specifications and Key Features

Quietflex® Versatile Blanket is produced using continuous textile-type glass fibers that have been chopped to a length of 2 to 6 inches and bonded with a thermal setting resin that once cured emits no formaldehyde. The glass fibers and the resin are combined in a unique air lay system that produces a random fiber orientation for exceptional strength, resiliency and both thermal and acoustic performance. Available in amber color only.



Advantages

- **High Thermal Efficiency**
Reduces heat transfer, lowering energy consumption.
- **High Acoustical Performance**
Reduces unwanted noise.
- **Excellent Bond Strength**
Blanket resists separation.
- **Increased Tensile Strength**
For high tensile applications, and stands up to lamination and other fabrication processes.
- **Enhanced Thickness Recovery/Resiliency**
Resists settling and breakdown from vibration and impact.
- **Excellent Dimensional Stability**
- **Resistance to Vibration**
Due to excellent bond strength.
- **Ease of Handling and Fabrication**
Easily cut in die-cut press or with a knife.
- **Fibers are Non-Combustible and does not Absorb Water**
Resistant to bacterial and fungal growth.
- **Compression Packed**
Saves freight costs, storage space and protects against damage.

Applications

- **Tanks**
Cryogenic Tanks
LNG Tanks
Railcar Tanks
Other Tanks and Vessels
- **HVAC equipment**
Fan Coils
Air Conditioners
Furnaces
Other HVAC Equipment
- **Acoustical Panels**
- **Recreational Vehicles**
- **Metal Buildings**
- **Many Others**



Technical Data

DESCRIPTION	RESULTS	SPECIFICATION
Temperature Limit (Un-Faced)	450°F	ASTM C 411
Fire Hazard Classification–Flame Spread Index	Less than 25	ASTM E 84 and UL 723
Fire Hazard Classification–Smoke Developed Index	Less than 50	ASTM E 84 and UL 723
Water Vapor Sorption	Less than 1% by Weight	ASTM C 1104
Corrosion Resistance	Meets Requirements with Aluminum, Steel or Copper	ASTM C 665
Microbial/Fungal Growth	Does Not Support the Growth of Mold, Fungi, and Bacteria	ASTM C 1338, G 21, G 22
Limited Combustible	Less than 3500 BTU/lb	NFPA 90A and 90B
Odor	Pass	ASTM C 1304

Thermal Values (ASTM C 518)

DENSITY	THICKNESS	K-VALUE	C-VALUE	R-VALUE
lb/ft ³	Inch	Btu-in/h-ft ² -°F	Btu/h-ft ² -°F	h-ft ² -°F/Btu
0.75	1.0	0.33	0.33	3.0
	1.5		0.22	4.5
	2.0		0.17	6.1
1.00	1.0	0.30	0.30	3.3
	1.5		0.20	5.0
	2.0		0.15	6.7
1.50	0.5	0.26	0.52	1.9
	1.0		0.26	3.8
	1.5		0.17	5.8
	2.0		0.13	7.7
2.00	0.5	0.24	0.48	2.1
	1.0		0.24	4.2
	1.5		0.16	6.3
	2.0		0.12	8.3
3.00	0.5	0.23	0.46	2.2
	1.0		0.23	4.3
	1.5		0.15	6.5

Acoustical Value (Sound Absorption Coefficients, 1/3 Octave Bands, ASTM C423, Type A Mounting)

DENSITY	THICKNESS	ABSORPTION COEFFICIENTS – SABINS/FT ²						
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
lb/ft ³	Inch							
1.50	0.50	0.06	0.18	0.32	0.52	0.66	0.73	0.40
	0.75	0.11	0.24	0.41	0.61	0.76	0.81	0.50
	1.00	0.16	0.36	0.57	0.90	0.90	0.95	0.70
2.00	0.50	0.06	0.16	0.31	0.53	0.70	0.77	0.40
	0.75	-0.02	0.25	0.43	0.74	0.87	0.93	0.55
	1.00	0.13	0.34	0.67	0.98	0.98	0.98	0.75
3.00	1.00	0.18	0.37	0.79	1.05	1.00	1.00	0.80

Thickness and Density

THICKNESS	MIN DENSITY	MAX DENSITY
Inch	lb/ft ³	lb/ft ³
0.5	1.50	3.00
1.0	1.00	3.00
1.5	0.75	3.00
2.0	0.75	2.40
2.5	0.75	1.90
3.0	0.75	1.60
3.5	0.75	1.35
4.0	0.75	1.20
5.0	0.75	0.95
6.0	0.75	0.80

Quietflex can make custom thickness and/or density to fit exactly to your application. Available amber color only. Board products can be made in 3lbs/ft³ density on special request.

Packaging

- Packed and Sealed in a Polyethylene Bag
- Vacuum Packed
- Polyethylene Sleeve Placed Over the Roll
- Shrink Wrapped 4 Rolls to a Bundle

Size

WIDTH	LENGTH	THICKNESS
Minimum: 24" Maximum: 120"	Length will be based on density and width to keep roll weights under 130lbs.	Between 1/2" and 6"

WARNING!!!

Textile glass fibers are used to manufacture this fiberglass insulation product. Handling, installing, or removing the product may result in some fiberglass contact. Users of this product are therefore advised to wear appropriate personal protective equipment so as not to experience skin, eye, or respiratory irritation. Gloves and eye protection, long sleeved, loose fitting clothing are recommended when installing or otherwise handling the product. Avoid breathing fiberglass dust and avoid contact with skin or eyes. A NIOSH approved (N95 or higher) disposable or reusable dust respirator properly fitted is recommended whenever the product is handled. Respiratory protection is mandatory when the dust levels in the workplace exceed OSHA permissible exposure limits or if worker irritation occurs. Work clothes should be washed separately and the washer rinsed after use.

FIRST AID MEASURES

If dust gets into eyes flush eyes with water to remove the fiber dust. If symptoms persist seek medical attention. Fibers can be removed by washing the skin with soap and warm water after handling this product. Further product safety information is available from your employer. The Material Safety Data Sheet is available from your distributor, directly from Quietflex or on the Quietflex website www.quietflex.com.

The physical and chemical properties of Quietflex Versatile Blanket represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. The data is supplied as a technical service and is subject to change without notice. Check with Quietflex Manufacturing Company L.P. to obtain current information.



Quietflex Manufacturing Company, L.P.
4518 Brittmoore Road
Houston, Texas 77041
Phone 713.849.2163
Fax 713.849.0753
Toll Free 877.694.3669



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