

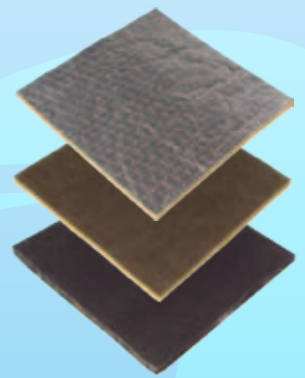


www.quietflex.com

Faced Versatile Blanket

Product Specifications and Key Features

QuietFlex® TexTuf Faced 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 phenolic resin. 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. The black mat facing is applied during the manufacturing process to ensure a tough and durable bond between the base blanket and the facing. Available in amber or black color, with either FSK or black mat facing. This product is available in many configurations to meet our customer's specific requirements.

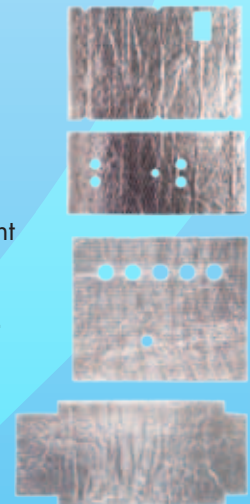


Advantages

- **High Thermal Efficiency**
Reduces heat transfer, lowering energy consumption.
- **High Acoustical Performance**
Reduces unwanted noise.
- **Excellent Bond Strength**
Resists separation or damage during fabrication and after installation, preventing it from falling apart.
- **Increased Tensile Strength**
Resists damage during fabrication or installation.
- **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 die-cut or trimmed.
- **Fibers are Non-Combustible & Does Not Absorb Water**
Resistant to bacterial and fungal growth.
- **Compression Packed**
Saves freight costs, storage space, and protects against damage.

Applications

- **HVAC Equipment**
Fan Coils
Air Conditioners
Furnaces
Other HVAC Equipment
- **Die Cut Applications**
- **Other OEM Equipment**



Technical Data

DESCRIPTION	RESULTS	SPECIFICATION
Temperature Limit (FSK or Black Mat Faced)	350°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
Maximum Air Velocity (Black Mat Faced)	6000 FPM (Tested to 15,000 FPM)	UL 181 (ASTM C 1071)

Thermal Values (ASTM C 518)

DENSITY	THICKNESS	K-VALUE	C-VALUE	R-VALUE
lb/ft³	Inch	Btu-in/h-ft²-°F	Btu/h-ft²-°F	h-ft²-°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 C 423, Type A Mounting)

DENSITY	THICKNESS	ABSORPTION COEFFICIENTS – SABINS/FT²							
		lb/ft³	Inch	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
1.50	0.50		0.00	0.17	0.30	0.50	0.68	0.77	0.40
	0.75		0.05	0.18	0.40	0.66	0.80	0.87	0.50
	1.00		0.20	0.37	0.65	0.92	0.94	0.98	0.70
2.00	0.50		0.09	0.15	0.39	0.59	0.74	0.78	0.45
	0.75		0.06	0.21	0.41	0.67	0.79	0.87	0.50
	1.00		0.18	0.38	0.73	1.02	1.00	0.98	0.80
3.00	0.50		0.00	0.16	0.34	0.59	0.77	0.86	0.45
	1.00		0.14	0.38	0.83	1.08	1.02	0.99	0.85
	2.00		0.23	0.77	1.14	1.18	1.05	1.05	1.05

Thickness and Density

THICKNESS	MIN DENSITY	MAX DENSITY
Inch	lb/ft³	lb/ft³
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 in either amber or black color. **Facing:** FSK or black mat facing.

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 Faced 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.



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