



## FBX INDUSTRIAL FLEXIBLE BATT INSULATIONS

1230 1260 1280

Basalt Insulation in flexible batts for equipment, duct and mechanical applications. Industrial flexible batts provide superior thermal, acoustical and personnel protection in curved surface applications such as tanks and boilers. Easily shaped and contoured to even extremely irregular surfaces, they will not "slump" or "gap".

Fibrex mineral insulation products are manufactured using state of the art patented technology to produce industrial use boards with superior handleability. The material is clean, easily fabricated and quickly installed.



### FEATURES

- Superior thermal conductivity
- Wide range of service temperatures
- Low in-service shrinkage; 0% @ 1,050° (551°C)
- Lightweight
- Applicator friendly
- Easy to fabricate
- Less dusty

### BENEFITS

- Maximum prevention of heat loss
- Continuous service, subambient to 1,200°F (649°C)
- Less potential for gaps forming at joints from elevated operating temperatures
- Saves installation time and cost
- Less irritating
- Cuts easily with a knife; no sawing required
- Cleaner to handle; minimizes cleanup time and expense

### GENERAL INFORMATION

Standard sizes:	
lengths	48" (1,219mm)
widths	24" (610mm)
Standard thicknesses:	1" to 5" in 1/2" increments (25mm to 127mm in 13mm increments)
Service temperatures:	Continuous use to 1,200°F (649°C); phased heatup not required
Linear shrinkage:	0% @ 1,050°F (556°C); <1% @1,200°F (649°C)
Recovery after 10% compression:	100%
Moisture adsorption:	<1%; inorganic, will not mildew
Asbestos:	None
Corrosion:	Does not promote or contribute to
Combustibility:	Non-combustible
Chemistry:	Mean chemistry data available on request
Surface burning characteristics:	Flame spread                   5
(Unfaced)	Smoke developed           0



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Easily cut and trimmed, Fibrex Basalt Insulations are easier and less costly to install and maintain.

### RECOMMENDED THICKNESS

Fibrex can provide a confidential computer analysis of every insulation requirement based on calculations performed to the method described in ASTM C680. NOTE: Advance notification must be provided if lot testing is required.

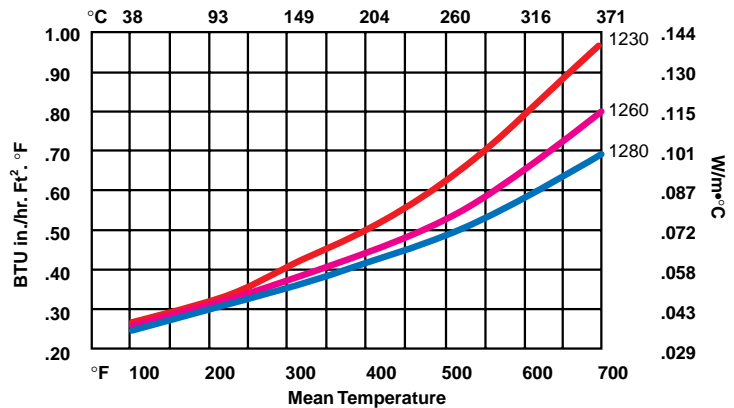
### SPECIFICATION COMPLIANCE

Manufactured, tested and certified in compliance with all the standards and specifications listed below. Data and evidence available upon request.

ASTM C 553, "All Types"	ASTM E 84
ASTM C 795	CAN4-S102
HH-I-558B,	MIL-I-24244C
NFPA 255	NRC 1.36
UL723	CAN4-S114M & ASTM E 136
CAN/CGSB - 51.11-92	USCG 164.009

### THERMAL PERFORMANCE

(ASTM C 177 test method):



### ACOUSTICAL PROPERTIES

Tested per  
ASTM C423 & 795



TYPE	TH. (in)	ABSORPTION COEFFICIENT @ Hz				NRC
		125	1000	2000	4000	
IF 1280	1.5	0.13	1.08	1.04	1.07	0.95
	2	0.32	1.07	1.01	1.05	1.00
	4	1.11	1.03	1.06	1.07	1.00
IF 1260	1.5	0.18	1.08	1.03	1.07	0.95
	2	0.25	1.10	1.04	1.06	1.05
	3	0.80	0.99	0.98	0.96	1.05
	4	0.99	1.03	1.03	1.05	1.05

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