



## BISCO™ Speciality Cellular

### **BISCO™ HT-200 Acoustic Barrier**

(Loaded Silicone Rubber)

### **Sound Transmission Loss**

Typical of HT-200 at various weights

Areal Density	Typical STC Rating	Test Method
1-1/2 psf	29	ASTM E-90
1 psf	27	ASTM E-90
3/4 psf	25	ASTM E-90
1/2 psf	22	ASTM E-90



## Other Physical Properties

Typical of HT-200 w/Fiberglass at 1 psf

Property	Typical Value	Test Method
Thickness	0.1"	--
Flame Spread (I <sub>g</sub> )	< 15	ASTM E-162
Smoke Density - Flaming (D <sub>s</sub> - 4 minutes) (D <sub>s</sub> - 1.5 minutes)	< 75 < 5	ASTM E-662

*The above data represents typical values. It is not intended to and does not create any warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose. The relative merits of materials for a specific application should be determined by your evaluation.*

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**BISCO™ FPC®**

Patented Fire Blocking  
(Silicone foam cast on fiberglass)

**Physical Properties**

Typical of FPC® at 1/8" thick

Property	Typical Value	Test Method
Density	32 pcf	ASTM F-1315
Flame Spread (I <sub>s</sub> )	< 5	ASTM E-162
Smoke Density - Flaming (D <sub>s</sub> - 4 minutes) (D <sub>s</sub> - 1.5 minutes)	< 75 < 25	ASTM E-662
Dielectric Breakdown	1100 volts	ASTM D-149-90
Dielectric Strength	9 volts/mil	ASTM D-149-90
Arc Resistance	+ 1800 seconds	ASTM D-495-89



# Pressure Sensitive Adhesive Options

## Acrylic Adhesive

Nomenclature: **Base Material** FPC **Base Material w/Adhesive** FPC (A)

	<b>Typical Properties</b>	<b>Test Method</b>
Construction	2.5 mil. acrylic/.5 mil carrier	
Release Liner	70-80# Poly-Coated Kraft	
Peel Adhesion - 20 min. dwell	75 oz./in.	PSTC-1
Sheer Adhesion - 500 grams (1" x 1")	+ 120 hr.	PSTC-7
Shelf Life	6 months	
Temperature Range	-32 to 149°C (-25 to 300°F)	



## Specialty Cellular

Effective Application Temperature Ranges: -67 to +392 F (-55 to +200 C)

### RF-12 (BF-1000 on Aluminum Fabric)

Color(s)	Thickness		Width		Length		Total		Approx. Weight	
	inches	mm	inches	mm	ft	m	sq ft	sq m	lbs.	kg
White	0.098	2.50	36	914	60	18.3	180	16.7	23	10
White	0.197	5.00	36	914	40	12.2	120	11.2	33	15



**IF-200 (BF-1000 on Fiberglass)**

Color(s)	Thickness		Width		Length		Total		Approx. Weight	
	inches	mm	inches	mm	ft	m	sq ft	sq m	lbs.	kg
White	0.197	5.00	36	914	40	12.2	120	11.2	33	15



## FPC Fire Blocking Material

Color(s)	Thickness		Width		Length		Total		Approx. Weight	
	inches	mm	inches	mm	ft	m	sq ft	sq m	lbs.	kg
White	1/16"	1.59	36	914	50	15.2	150	13.9	34	15
	1/8"	3.18	36	914	50	15.2	150	13.9	56	25
	1/4"	6.35	36	914	50	15.2	150	13.9	112	50

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