

## BISCO® IF-200

BISCO® IF-200 consists of a fiberglass support layer directly bonded to BF-1000. It is designed to provide resistance against tear and abrasion while retaining flexibility and additional insulation when the fiberglass side is placed against a hot surface.

### IF-200 – BF-1000 CAST ON FIBERGLASS

PROPERTY	TEST METHOD	TYPICAL VALUE	SPECIFICATION
<b>PHYSICAL</b>			
Color	Visual	White	---
Thickness, mm (inches)	Internal	<b>5.00</b> <b>(0.197)</b>	---
Areal Density, kg/m <sup>2</sup> (lb./ft <sup>2</sup> )	Internal	1.42 (0.29)	<b>&lt; 1.71</b> <b>(&lt; 0.35)</b>
Cohesive Failure	Internal	<b>Pass</b>	---
Flammability	SAE J369 4 in/min, max	<b>Pass</b>	4 in/min

Values in bold are tested on a batch basis.  
Further industry specifications tested in tables below.

### BF-1000 FOAM

PROPERTY	TEST METHOD	TYPICAL VALUE*	SPECIFICATION**
<b>PHYSICAL</b>			
Color	Visual	<b>White, Gray, Black</b>	---
Thickness, mm (inches)	Internal	<b>1.59 - 25.40</b> <b>(0.063 - 1.000)</b>	---
Density, kg/m <sup>3</sup> (lb./ft <sup>3</sup> )	Internal	192 (12)	<b>156 - 287</b> <b>(9.8 - 19.7)</b>
Compression Force Deflection, kPa (psi)	ASTM D1056	16.5 (2.4)	<b>7 - 35</b> <b>(1 - 5)</b>
Compression Set, %	ASTM D1056 100°C (212°F) / 22 hrs / 50%	1.7	< 5
Tensile Strength, kPa (psi)	ASTM D412	262 (38)	<b>&gt; 140</b> <b>(&gt; 20)</b>
Elongation, %	ASTM D412	86	<b>&gt; 60</b>
Water Absorption, %	Internal 2" below water surface / 24 hrs / change in weight	1.4	< 10

For additional performance properties, please see BF-1000 Data Sheet.

## IF-200 – BF-1000 CAST ON FIBERGLASS, cont'd

### Standard Thickness Tolerances IF-200

NOMINAL THICKNESS	TOLERANCE
mm (inches)	mm (inches)
5.00 (0.197)	± 0.762 (± 0.030)

### Slit Material and Tape (PSA) Width Tolerances

NOMINAL WIDTH	TOLERANCE
mm (inches)	mm (inches)
> 0 - 76 (> 0 - 3)	± 1.60 (± 0.063)
> 76 - 203 (> 3 - 8)	± 2.39 (± 0.094)
> 203 - 305 (> 8 - 12)	± 3.18 (± 0.125)
> 305 - 457 (> 12 - 18)	± 4.78 (± 0.188)
> 457 - 660 (> 18 - 26)	± 5.56 (± 0.219)
> 660 - 914 (> 26 - 36)	+ 25.4/- 0 (+ 1/- 0)

### VALUE ADDED OFFERINGS

- Adhesive (PSA) lamination
- Slit material/tapes

#### Notes:

- \*Typical Value-Value is based on historical data. Please note the frequency of testing varies.
- \*\*Specification- Applies to physical properties only, which are based on Rogers' internal benchmark and standard BISCO specification values.
- Additional industry specifications are available. All other properties are based on industry standard guidelines.
- All metric conversions are approximate.
- Values should not be used for specification limits.