

# BISCO<sup>®</sup> IF-200

BISCO<sup>®</sup> 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
PHYSICAL			
Color	Visual	White	
Thickness, mm (inches)	Internal	5.00 (0.197)	
Areal Density, kg/m <sup>2</sup> (lb./ft <sup>2</sup> )	Internal	1.42 (0.29)	< 1.71 (< 0.35)
Cohesive Failure	Internal	Pass	
Flammability	SAE J369 4 in/min, max	Pass	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**
PHYSICAL			
Color	Visual	White, Gray, Black	
Thickness, mm (inches)	Internal	1.59 - 25.40 (0.063 - 1.000)	
Density, kg/m³ (lb./ft³)	Internal	192 (12)	156 - 287 (9.8 - 19.7)
Compression Force Deflection, kPa (psi)	ASTM D1056	16.5 (2.4)	7 - 35 (1 - 5)
Compression Set, %	ASTM D1056 100°C (212°F) / 22 hrs / 50%	1.7	< 5
Tensile Strength, kPa (psi)	ASTM D412	262 (38)	> 140 (> 20)
Elongation, %	ASTM D412	86	> 60
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.



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

#### **Standard Thickness Tolerances IF-200**

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

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

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



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