

BISCO® IF-200 Tear Resistant Specialty Silicone Foam

BISCO® IF-200 tear-resistant silicone foam consists of a fiberglass support layer directly bonded to BF-1000. The material is designed to provide resistance against tear and abrasion while retaining flexibility. It acts as a supportive base during mechanical installation and an insulator when the fiberglass side is against a hot surface.

Features & Benefits:

- BF-1000 foam bonded to fiberglass support layer
- Withstands harsh environments
- Good tear strength
- Supportive yet flexible base for installation

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 ² (lb./ft ²)	Internal	1.42 (0.29)	< 1.71 (< 0.35)
Cohesive Failure	Internal	Pass	---
Flammability			
Burn Length	FMVSS302	Pass	4 in/min

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

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

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.
- 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.