ROGERS CORPORATION

BISCO® Silicones

Argent

Typical Product Properties

BISCO® HT-1500 (AMS-3320) Fiberglass Reinforced Silicone Sheet

PHYSICAL PROPERTY	TYPICAL VALUE
Durometer, Shore "A" (pts)	70 +/-10
Tensile Strength – Warp kN/m (ppi)	52.5 (300)min.
Tensile Strength – Fill kN/m (ppi)	52.5 (300) min.

STANDARD PRODUCT THICKNESS			TOLERANCE (+/-)		RANGE	
mm	inches		mm	inches	mm	inches
0.787	1/32 *	0.031 *	0.152	0.006	0.635-0.940	0.025 – 0.037
1.588	1/16	0.0625	0.241	0.0095	1.346-1.829	0.053 – 0.072
2.388	3/32	0.094	0.381	0.015	2.007-2.769	0.079 – 0.109
3.175	1/8	0.125	0.381	0.015	2.794-3.556	0.110 – 0.140

*0.787mm (1/32") is not AMS 3320 certified

WIDTH TOLERANCE			
NOMINAL WIDTH		TOLERANCE (+/-)	
mm	inches	mm	inches
0 – 305	0 – 12	3.175	0.125
>305 – 457	>12 – 18	4.763	0.1875
>457 – 610	>18 – 24	4.763	0.1875
>610 –762	>24 – 30	6.350	0.250
>762 – 914	>30 – 36	6.350	0.250

1. All metric conversions are approximate.
2. Additional technical information is available.
3. Typical values are a representation of an average value for the population of the property. For specification values contact Rogers Corporation.

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