

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

BISCO® HT-1500 is a fiberglass-reinforced silicone material engineered for high thermal stability, mechanical strength, and long-term durability in demanding insulation and gasketing applications. The material is certified to AMS 3320 for thickness specified by the specification.

PROPERTY	TYPICAL VALUE
PHYSICAL	
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 THICKNESS TOLERANCES

NOMINAL THICKNESS mm (inches)	TOLERANCE mm (inches)
0.8 (0.031)*	± 0.15 (0.006)
1.6 (0.063)	± 0.24 (0.0095)
2.4 (0.094)	± 0.38 (0.015)
3.2 (0.125)	± 0.38 (0.015)

*0.8 is not AMS 3320 certified

WIDTH TOLERANCES

NOMINAL WIDTH mm (inches)	TOLERANCE mm (inches)
0-305 (0 – 12)	3.18 (± 0.125)
> 305 – 457 (>12 – 18)	4.78 (± 0.188)
> 457 – 610 (>18 – 24)	4.78 (± 0.188)
> 610 – 762 (>24 – 30)	6.35 (± 0.250)
> 762 – 914 (>30 – 36)	6.35 (± 0.250)

Notes: All metric conversions are approximate.
Additional industry specifications are available.
Typical value - value is based on historical data. Please note the frequency of testing varies.

For more information and to request a sample, please contact our team of experts at solutions@rogerscorp.com