### BISCO® RS-750
Continuous Roll Closed-Cell Silicone Sponge – Data Sheet

#### PROPERTY | TEST METHOD | TYPICAL PROPERTIES
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Density, kg / m³(lb. / ft³) | ASTM D 3574 | 384 (24)
Thickness, mm (in) | | 2.4-12.7 (0.094 - 0.500)
Compression Force Deflection Specification Range, kPa (psi) | ASTM D 1056 | 41.4 – 96.5 (6 - 14)
Compression Set, % | ASTM D 1056 | <20
Tensile Strength, MPa (psi) | ASTM D 412 | 0.62 (90)
Elongation to Failure, % | ASTM D 412 | 135
Water Absorption, % | ASTM D 1056 | <3
Water Sealing Properties | | No Leakage
Standard Color | | Steel Gray

#### TEMPERATURE RESISTANCE

| | Max °C (Max °F) |
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Recommended Constant Use | 205°C (401°F) |
Recommended Intermittent Use | 260°C (500°F) |
Low Temperature Brittleness, °C (°F) | ASTM D 746 | -55°C (-67°F) |
Thermal Conductivity, w/m K (BTU in hr/ft²/F) | ASTM C 518 | 0.08 (0.57) |

#### FLAMMABILITY

| | pass >= mm (inch) |
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Flame Resistance | FMVSS 302 | 2.4 (0.094) |

#### CERTIFICATIONS

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Test Standard | AMS 3195 |
UL Certification | Gaskets & Seals JMLU2 | UL50, UL50E, UL508 & UL157 |

#### TOLERANCE, mm (in)

| | ±0.020 |
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2.4-6.35 (0.094-0.250) | ±0.51 |
9.53 (0.375) | ±1.14 (±0.045) |
12.70 (0.500) | ±1.49 (±0.059) |

*Typical values are a representation of an average property value of a given population of the product. Typical properties are based on 6.35mm (0.250") sample. For specification values, please contact Rogers Corporation.

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