

# GRISWOLD® 3100 / 4100 Family

## Features and benefits of Griswold Cellular Rubber Materials

- Natural rubber is inherently anti-slip with a high coefficient of friction
- Lamination to a broad range of materials including textiles and cork
- Extremely resistant to abrasion and tearing
- Available in flexible roll or sheet good formats

PROPERTY	TEST METHOD	SPECIFICATION				
Typical Physical Properties						
Product		3110 4110	3120 4120	3130 4130	3140 4140	3150 4150
Density, Average kg/m <sup>3</sup> (lb/ft <sup>3</sup> )	ASTM D1056	350 (22)	415 (26)	480 (30)	525 (33)	575 (36)
Shore OO		50	55	65	70	80
Thickness, mm (inches) *Tolerances	ASTM D1056	1.59 - 4.75 (0.063 - 0.187)			* ±0.381 (±0.015)	
		4.78 - 9.50 (0.188 - 0.374)			* ±0.762 (±0.030)	
		9.53 - 12.67 (0.375 - 0.499)			* ±1.016 (±0.040)	
		12.70 - 25.40 (0.500 - 1.000)			* ±1.524 (±0.060)	
Standard Color	3100 Family 4100 Family	Black Tan				
Polymer		Natural Rubber				
Compression Deflection, kPa (psi)	ASTM D1056 @ 25% compression	14 - 34 (2 - 5)	34 - 69 (5 - 10)	69 - 110 (10 - 16)	110 - 152 (16 - 22)	152 (22)
Compression Deflection Change after Oven Aging, %	ASTM D1056 168 hrs @ 70°C (158°F)	± 20				
Compression Set, % max	ASTM D1056 50% deflection @ 70°C (158°F)	15	15	15	15	40
Temperature Range, °C (°F)		-29 to 71 (-20 to 160)				

## Notes:

- All metric conversions are approximate
- Additional information is available
- Values should not be used for specification limits