

AU 364 Sealing Solutions

Compound No./Material Name:	Rubber Classification:	Service Temperature Range:	Color:
AU 364	AU	-30°F to 250°F (-34°C to 121°C)	Black

Description (ASTM Standard)		Typical
Original Properties		
Specific Gravity (D297)		1.35
Hardness, Shore D, Points (D2240)		47
Tensile Strength, psi [MPa] (D412)		4,100 [28.3]
Elongation, % (D412)		210
Modulus @ 100% Elongation, psi [MPa] (D412)		2,350 [16.2]
TR 10/50, °F [°C] (D1329)		-16 [-27]
Air Aging		
70 Hours @ 212°F [100°C]	Hardness Change, Points (0573)	-1
	Tensile Change, % (D573)	+0.3
	Elongation Change, % (0573)	-6
Fluid Aging		
70 Hours @ 212°F [100°C], in ASTM Oil #1	Hardness Change, Points (D471)	+1
	Tensile Change, % (D471)	-7
	Elongation Change, % (D471)	+1.8
	Volume Change, % (D471)	+0.3
70 Hours @ 212°F [100°C], in ASTM Oil #3	Hardness Change, Points (D471)	-1
	Tensile Change, % (D471)	-12.5
	Elongation Change, % (D471)	+2.4
	Volume Change, % (D471)	+4
70 Hours @ 158°F [70°C], in Distilled Water	Hardness Change, Points (D471)	-5
	Tensile Change, % (D471)	-25
	Elongation Change, % (D471)	+15
	Volume Change, % (D471)	+6.7
Compression Set @ 25% Deflection		
70 Hours @ 158°F [70°C], in Air, % of Original Deflection (D395)		14

Notes:

1. Specification: Greene, Tweed internal.
2. Unless otherwise noted, all tests performed on ASTM slabs and buttons.

Contact Us

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