

MATERIAL PROPERTIES*:

Color:	Black - UNBRANDED
Composition:	EPDM elastomer – sulfur cure
Durometer, Shore A, (+/- 5):	80
Temperature¹, °F (°C)	
Minimum:	-40 (-40)
Maximum:	+275 (+135)
Pressure¹, (psig (bar)):	
Preferred operating:	150 (10.4)
Maximum:	250 (17.3)
P x T (max.)¹, psig x °F (bar x °C):	30,000 (900)
Finish Available	
Through 1/8"	Cloth
Over 1/8"	Smooth
Meets Specifications:	NSF 61 (Potable Drinking Water), ASTM D-1330 Grade I and II

TYPICAL PHYSICAL PROPERTIES*:

ASTM D412	Tensile Strength, psi (N/mm²):	1500 (10.4)
ASTM D412	Elongation, %:	185
ASTM D395 B	Compression Set, 25% Deflection, Max. %	
	22 hours at 158°F (70°C):	25
ASTM D149	Dielectric Properties, range, volts/mil.	
	Sample conditioning	<2 (1/8")
	None	
ASTM F586	Design Factors	
	"m" factor:	1.0
	"y" factor, psi (N/mm ²):	200 (1.4)
ASTM D2000⁽³⁾	Line Call Out:	4BA815A14B13C12

Notes:

* This is a general guide and should not be the sole means of selecting or rejecting this material. Values do not constitute specification limits.

¹ When approaching maximum pressure and/or temperature, minimum temperature or 50% of maximum P x T, consult Garlock Applications Engineering. Minimum temperature rating is conservative.

³ ASTM D2000 line call out is based on testing performed on slabs made to ASTM D412.