



Garlock 8314

MATERIAL PROPERTIES*

Color:	Black
Composition:	EPDM Rubber
Durometer, Shore A, +/- 5:	60
Temperature², °F (°C)	
Minimum:	-40 (-40)
Maximum:	+300 (+150)
Pressure², Maximum, psig (bar):	250 (17)
P x T (max.)², psig x °F (bar x °C):	30,000 (900)
Finish Available	
Thru 1/8":	Cloth
Over 1/8":	Smooth

PHYSICAL PROPERTIES*

ASTM D412	Tensile Strength, psi (N/mm²):	1000 (7)
ASTM D412	Elongation, %:	300
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	1/8"
	None	4
ASTM F586	Design Factors	
	"m" factor:	0.50
	"y" factor, psi (N/mm ²):	0 ⁽³⁾
ASTM D2000	Line Call Out:	4AA610A13B13B33, BA610A14B13

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

² When approaching the maximum or minimum ratings consult Garlock Applications Engineering

³ Garlock Applications Engineering has historically recommended a suggested "Y" value of 100psi (0.7N/mm²) for these elastomers.