Style 8314

MATERIAL PROPERTIES*:

Color:	Black
Composition:	EPDM
Durometer, Shore A, (+/- 5):	60
Temperature[1], °F (°C)	
Minimum:	-40 (-40)
Maximum:	300 (150)
Pressure[1], (psig (bar):	
Preferred operating:	150 (10)
Maximum:	250 (17)
P x T (max.)[1], psig x °F (bar x °C):	30,000 (900)
Finish Available	
Through 1/8”	Cloth
Over 1/8”	Smooth

TYPICAL PHYSICAL PROPERTIES*:

ASTM D412	**Tensile Strength**, psi (N/mm^2):	1200 (8.2)
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[(2)]
ASTM D2000[(3)]	**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.

[1] When approaching maximum pressure and/or temperature, minimum temperature or 50% of maximum PxT, consult Garlock Applications Engineering. Minimum temperature rating is conservative.

[2] Garlock Applications Enginering has historically recommended using a “y” values of 100 psi (0.7 N/mm2)when performing flange calculations for lower durometer elastomers.

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

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