Garlock
SEALING TECHNOLOGIES®
an EnPro Industries company

Garlock 9200



MATERIAL PROPERTIES*

Color:	Black
Composition:	Nitrile rubber reinforced with a proprietary nylon insert[1]
Durometer, Shore A, +/- 5:	70
Temperature[2], Maximum, °F (°C):	+250 (+121)
Pressure[2], Maximum, psig (bar):	250 (17)
Finish Available	
Thru 1/8":	Cloth
Over 1/8":	Smooth
Number of Plies, 1/16", 1/8":	1
Meets Specification:	ABS (American Bureau of Shipping)

PHYSICAL PROPERTIES*

ASTM D412	**Elastomer Ultimate Elongation**, %:	250
ASTM D395 B	**Compression Set**, 25% Deflection, Max. %	
	22 hours at 158°F (70°C):	50
ASTM D751	**Burst test across 2" (50mm) dia. opening**	Not recommended for use as
	psi (bar):	a diaphragm material.
ASTM D149	**Dielectric Properties**, range, volts/mil.	
	Sample conditioning	1/8"
	None	8
ASTM F586	**Design Factors**	
	"m" factor:	1.25
	"y" factor, psi (N/mm^2):	400 (2.8)
ASTM D2000	**Line Call Out**:	2BG720EA14E014[(3)]

IMMERSION PROPERTIES*

ASTM D471	**Volume Change in ASTM #1 Oil**, Range %	
	70 hours at 212°F (100°C):	-10 to 5

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] Special insert completely eliminates weepage through insert

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

[3] For rubber compound only, not fabric