

## Garlock 8798

### MATERIAL PROPERTIES<sup>1</sup>:

<b>Color:</b>	Black
<b>Composition:</b>	Neoprene diaphragm reinforced with 13 oz. nylon fabric insert
<b>Durometer, Shore A:</b>	70 ±5
<b>Temperature<sup>2</sup>, Maximum °F (°C)</b>	+250 (+120)
<b>Pressure<sup>2</sup>, Maximum, psig (bar):</b>	N/A
<b>P x T (max.)<sup>2</sup>, psig x °F (bar x °C):</b>	30,000 (900)
<b>Finish Available</b>	
Thru 1/8":	Satin
Over 1/8":	Smooth
<b>Number of Plies</b>	
1/16", 3/32, 1/8":	1
3/16":	2
1/4":	3

### PHYSICAL PROPERTIES<sup>1</sup>:

<b>ASTM D751</b>	<b>Burst test across 2" (50mm) dia. Opening</b>	
	1/8" - 1 ply, psi (bar):	1000 (70)
	1/16" - 1 ply, psi (bar)	800 (55)
<b>ASTM F586</b>	<b>Design Factors</b>	
	"m" factor:	1.25
	"γ" factor, psi (N/mm <sup>2</sup> ):	400 (2.8)
<b>ASTM D2000</b>	<b>Line Call Out:</b>	3BC715A14E014E034 <sup>(3)</sup>

### Notes:

This is a general guide and should not be the sole means of selecting or rejecting this material.

<sup>1</sup> Values do not constitute specification Limits

<sup>2</sup> When approaching the maximum or minimum ratings consult Garlock Applications Engineering

<sup>3</sup> For rubber compound only, not fabric.