

## Garlock 7992

### MATERIAL PROPERTIES\*:

<b>Color:</b>	Black
<b>Composition:</b>	Neoprene diaphragm with 22oz. hose duck fabric insert
<b>Durometer, Shore A:</b>	50 +/-5
<b>Temperature<sup>2</sup>, °F (°C)</b>	+250 (+121)
<b>Pressure<sup>2</sup>, Maximum, psig (bar):</b>	N/A
<b>Finish Available</b>	
Thru 1/8":	Satin
Over 1/8":	Satin
<b>Number of Plies</b>	
1/16", 3/32, 1/8":	1
3/16":	2
1/4":	3
<b>Thread Count per inch</b>	
Warp:	20 +/-1
Fill:	20 +/-1
Yarns (ply):	4

### PHYSICAL PROPERTIES\*:

<b>ASTM D412</b>	<b>Elastomer Tensile Strength, psi (N/mm<sup>2</sup>):</b>	1500 (10.4)
<b>ASTM D412</b>	<b>Insert Tensile Strength, warp and fill, psi (N/mm<sup>2</sup>):</b>	150 (1.04)
<b>ASTM D412</b>	<b>Elastomer Ultimate Elongation, %:</b>	375
<b>ASTM D751</b>	<b>Burst test across 2" (50mm) dia. opening<sup>4</sup></b>	
	1/16" - 1 ply, psi (bar):	235 (16)
	1/8" - 1 ply, psi (bar):	290 (20)
<b>ASTM F586</b>	<b>Design Factors</b>	
	"m" factor:	1.25
	"y" factor psi (N/mm <sup>2</sup> ):	400 (2.8)
<b>ASTM D2000</b>	<b>Line Call Out:</b>	2BC520A14B14E014E034F17 <sup>(3)</sup>

### 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

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

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