

Style 7792

MATERIAL PROPERTIES*:

Color:	Black
Composition:	Neoprene diaphragm with 20oz. hose duck fabric insert ⁴
Durometer, Shore A, (+/- 5):	50
Temperature¹, Maximum, °F (°C)	+250 (+121)
Pressure¹, Maximum, (psig (bar))	N/A
Number of Plies	
1/16, 3/32, 1/8":	1
3/16":	2
1/4":	3
Finish Available:	Satin/Fabric Finish

TYPICAL PHYSICAL PROPERTIES*:

ASTM D412	Tensile Strength, psi (N/mm²):	1500 (10)
ASTM D412	Insert Tensile Strength, warp and fill, psi (N/mm²):	150 (1.04)
ASTM D412	Elastomer Ultimate Elongation, %:	375
ASTM D751	Burst test across 2" (50mm) dia. Opening	
	1/8" -1 ply, psi (bar):	290 (20)
ASTM F586	Design Factors	
	"m" factor:	1.25
	"y" factor, psi (N/mm ²):	400 (2.8)
ASTM D2000⁽³⁾	Line Call Out:	2BC520A14B14E014E034F17

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 P x T, consult Garlock Applications Engineering. Minimum temperature rating is conservative.

² Indicates the electrical current arced around and not through the gasket. Dielectric strength is higher than what is shown.

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

⁴ Fabric weight can vary from 16-22oz.

REV: 8/20/24

Style 8798

MATERIAL PROPERTIES*:

Color:	Black
Composition:	Neoprene diaphragm with 13oz. nylon fabric insert
Durometer, Shore A, (+/- 5):	70
Temperature¹, Maximum, °F (°C)	+250 (+121)
Pressure¹, Maximum, (psig (bar))	N/A
Number of Plies	
1/16, 3/32, 1/8":	1
3/16":	2
1/4":	3
Finish Available:	Satin/Fabric Finish

TYPICAL PHYSICAL PROPERTIES*:

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

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 P x T, consult Garlock Applications Engineering. Minimum temperature rating is conservative.

³ ASTM D2000 line call out is based on testing performed on rubber slabs made to ASTM D412, not fabric.

REV: 8/20/24