

*Metal Detectable

*FDA Compliant

*Blue FKM

NOTE: All testing done on slabs and buttons.

Date: July-16

Physical Properties	Specification	Result
Hardness, Shore A, points	75±5	73
Tensile Strength, psi		1632
Ultimate Elongation, %		212
Tear Resistance, Kgf/cm		23
Modulus at 100%, psi		986
Modulus at 200%, psi		1587
Specific Gravity, gw/cm ²		2.096
Heat Resistance - Basic, ASTM D573 (70 hrs @ 250°C)		
Hardness Change, points		+2
Tensile Strength Change, %		-11
Ultimate Elongation Change, %		-17
Volume Change, %		-3.8
Compression Set - Basic, ASTM D395 (22 hrs @ 175°C)		
Deflection, %		9
Compression Set - Basic, ASTM D395 (226 hrs @ 200°C)		
Deflection, %		15
Fluid Resistance, ASTM Oil #101 - Basic, ASTM D471 (70 hrs @ 200oC)		
Hardness Change, points		-7
Tensile Strength Change, %		-24
Ultimate Elongation Change, %		-16
Volume Change, %		+10.5
Fluid Resistance, Hatco 7700 - Basic, ASTM D471 (70 hrs @ 200°C)		
Hardness Change, points		-11
Tensile Strength Change, %		-30
Ultimate Elongation Change, %		-24
Volume Change, %		+17
Fluid Resistance, Fuel C - Basic, ASTM D471 (70 hrs @ 23°C)		
Hardness Change, points		-3
Tensile Strength Change, %		-21
Ultimate Elongation Change, %		-20
Volume Change, %		+2

