

Polymer **EPDM**
Code **R4911**

1. DIMENSIONS AND APPEARANCE

Standard bun size (W x L x T)	in	48 x 80 x 2.4
	in	54 x 82 x 3
Colour		Black

2. PROPERTIES

Density	pcf	4 - 7	ASTM D1056
	kg/m ³	64 - 112	ASTM D1056
Compression deflection (25%)	psi	2 - 5	ASTM D1056
	kPa	15 - 35	ASTM D1056
Hardness	Shore OO	30 - 40	ASTM D2240
Compression set (50%)	%	35 max.	ASTM D1056
Tensile strength	psi	30 min.	ASTM D412
	kPa	210 min.	ASTM D412
Elongation	%	100 min.	ASTM D412
Water absorption	%w	10 max.	ASTM D1056
Low working temp	°F	-65	
High working temp	°F	250	
Flammability		PASS	FMVSS 302

3. SPECIFICATIONS

ASTM D1056-67	RE41
ASTM D1056-14	2A1

Physical Properties

Property	Test Method	Unit	R4911
			R4911-SF
Density	ASTM D1056	PCF	4-7
Compression Deflection (25%)	ASTM D1056	PSI	2-5
C/D Heat Aging (7 days at 158° F)	ASTM D1056	% Max Chg	±30
Shore OO Durometer	ASTM D2240		30-40
Compression Set (50%, 73° F)	ASTM D1056	% Max	35
Tensile	ASTM D412	PSI Min	30
Elongation	ASTM D412	% Min	100
Fluid Immersion (Fuel B)	ASTM D1056	WT % Max	
Water Absorption	ASTM D1056	WT % Max	10
	ASTM D1667	LBS/SQFT	0.1
Linear Shrinkage (7 days at 158° F)	ASTM C534	% Max	5
Ozone Resistance (72 hrs 50 pphm)	ASTM D1171	Rating	0
Temperature Use: Cold Crack	ASTM D1056	° F	-65
Temperature Use: High		°F	250
Flammability Rating	FMVSS302		PASS
Sheet Size (Length/Width)	±3%	Inches	48x80, 54x82
Expected Bun Thickness		Inches	2.4, 3.0
Specifications	ASTM D1056-67		RE41
	ASTM D1056-14 SAE J18	Suffix	2A1
Colors			Black

Common Industrial Applications: Insulation, Vibration Dampening, Gasket & Seals, Footwear, Toys, Weather Stripping, Closure Seals, Packaging