


CS: 0.070" ±0.003" (1.78 mm ±0.08 mm)  
ID: 4.239" ±0.030" (107.67 mm ±0.76 mm)

 ALL-AROUND BETTER	PART NUMBER <b>V90046</b>
	Viton 90 Duro AS568 Size 046 O-Ring
<small>14450 John F. Kennedy Blvd. Houston, TX 77032 www.globaloring.com</small>	
<small>Information in this drawing is provided for reference only</small>	

<b>Compound</b>	V90-B101	Genuine Viton®, General Purpose
	Temperature Range (Static):	-25°C to 250°C
	Cure System:	Bisphenol
	Specification:	M3HK914 A1-10 B37 B38 EF31 EO78

Compound Previously Known As: V90101

		Required Results	Typical Results
<b>Properties</b>	Hardness, Shore A, pts	90±5	89
	Tensile Strength, psi, min	2031(min)	2368
	Elongation, min, %	100(min)	135
	Modulus @ 100%, psi		1828
	Density, Mg/m3		1.84
<b>A1-A10</b>	Hardness Change, pts, Shore A	+10(max)	+3
	Tensile Strength Change, %	-25(max)	-8
	Elongation Change, %	-25(max)	-13
	Weight Change, % -2.5		-2.5
<b>B37</b>	ASTM D395-18, Method B	30%(plied)(max)	14.5
<b>B38</b>	ASTM D395-18, Method B	50%(plied)(max)	16.9
<b>EF31</b>	Hardness Change, pts, Shore A	±5	-3
	Tensile Strength Change, %	-25(max)	-12
	Elongation Change, %	-20(max)	-8
	Volume Change, %	0~+10	+2.8
<b>EO78</b>	Hardness Change, pts, Shore A	-15~+5	-8
	Tensile Strength Change, %	-40(max)	-11
	Elongation Change, %	-20(max)	+2
	Volume Change, %	0~+15	+7.6