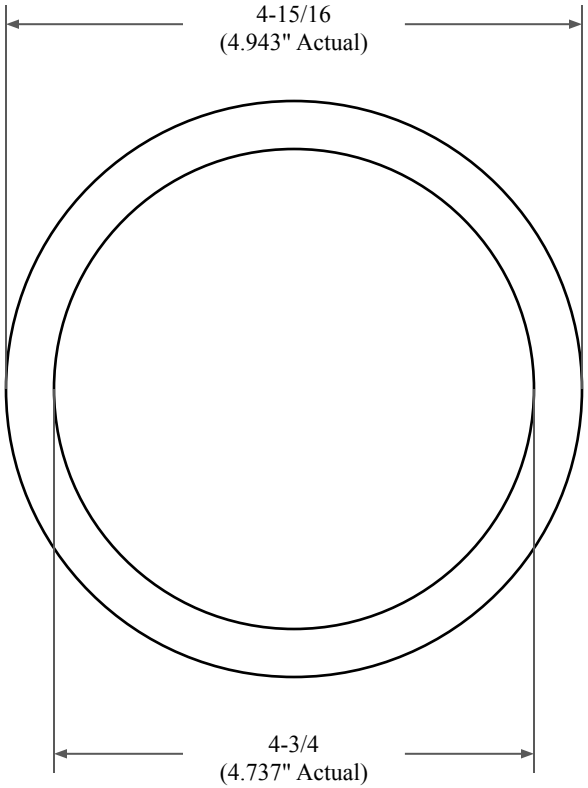

CS: 0.103" ±0.003" (2.62 mm ±0.08 mm)

ID: 4.737" ±0.030" (120.32 mm ±0.76 mm)

GLOBAL O-RING and SEAL
ALL-AROUND BETTER

14450 John F. Kennedy Blvd.
Houston, TX 77032

www.globaloring.com

Information in this drawing is provided for reference only

PART NUMBER **V90158**

Viton 90 Duro AS568 Size 158 O-Ring

Compound	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
Properties	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
A1-A10	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
B37	ASTM D395-18, Method B	30%(plied)(max)	14.5
B38	ASTM D395-18, Method B	50%(plied)(max)	16.9
EF31	Hardness Change, pts, Shore A	±5	-3
	Tensile Strength Change, %	-25(max)	-12
	Elongation Change, %	-20(max)	-8
	Volume Change, %	0~+10	+2.8
EO78	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