


CS: 3.50 mm  $\pm 0.10$  mm (0.138"  $\pm 0.004$ ")  
ID: 91.00 mm  $\pm 0.77$  mm (3.583"  $\pm 0.030$ ")

 <b>GLOBAL O-RING</b> and SEAL ALL-AROUND BETTER	PART NUMBER <b>S3.50X091</b>
14450 John F. Kennedy Blvd. Houston, TX 77032 <a href="http://www.globaloring.com">www.globaloring.com</a>	Silicone FDA Compliant 70 Duro Metric O-Ring 3.50 mm CS X 91.00 mm ID
Information in this drawing is provided for reference only	

<b>Compound</b>	S70-A601	Silicone, Red, FDA Compliant
	Special Properties:	FDA Compliant
	Temperature Range (Static):	-55°C to 200°C
	Specification:	M7GE705 A19 B37 EA14 EO16 EO36 F19 G11

Compound Previously Known As: S70610

		Required Results	Typical Results
<b>Properties</b>	Hardness, (Shore A)	70±5	69
	Tensile Strength, psi(MPa)	725(5.00)	943(6.50)
	Elongation, (%)	150(min)	221
	Modulus at 100%, psi(MPa)		630
	Density, (Mg/m <sup>3</sup> )		1.32
<b>A19</b>	Hardness Change, pts.	±10	+2
	Tensile Strength Change, %	-25(max)	-8
	Elongation Change, %	-30(max)	-28
	Weight Change, %		-2.3
<b>B37</b>	-	30%(button)(max)	20
<b>EA14</b>	Hardness Change, pts.	±5	-1
	Tensile Strength Change, %		-3
	Elongation Change, %		-14
	Volume Change, %	±5	+1.7
<b>EO16</b>	Hardness Change, pts.	-15~0	-6
	Tensile Strength Change, %	-20(max)	-3
	Elongation Change, %	-20(max)	-6
	Volume Change, %	0~+15	+4.3
<b>EO36</b>	Hardness Change, pts.	-40(max)	-20
	Tensile Strength Change, %		-21
	Elongation Change, %		-14
	Volume Change, %	+60(max)	+33.6
<b>F19</b>	Sample type: T-50,		
	Coolant : Isopropyl alcohol		
	Low Temperature Property	no crack	pass
<b>G11</b>		9kN/m(Die B)(min)	11.68