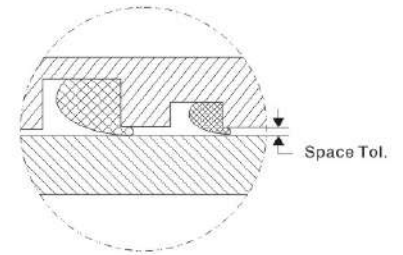


## Working Pressure/Deformation Chart

HARDNESS (SHORE A)	WORKING FIELD
40+/-5	Need Sensitive Sealing Products
50+/-5	
60+/-5	
70+/-5	Generally Sealing Products
80+/-5	High Pressure Sealing Products
90+/-5	

Without Back up Rings	Working Pressure	With Back up Rings
	Zero Pressure	
	500PSI Pressure	
	1000PSI Pressure	
	1500PSI Pressure	
	3000PSI Pressure	



## Hardness/Working Pressure Chart

C/S (mm)	Tol. (mm)	Pressure (kg/cm <sup>2</sup> )	Hardness Shore A	35	70	105	140	175	210	350
				KG/CM <sup>2</sup>	KG/CM <sup>2</sup>	KG/CM <sup>2</sup>	KG/CM <sup>2</sup>	KG/CM <sup>2</sup>	KG/CM <sup>2</sup>	KG/CM <sup>2</sup>
1.78			70	0.15	0.10	0.05				
			80	0.20	0.15	0.10	0.05	0.03		
			90	0.25	0.20	0.13	0.10	0.08	0.05	0.03
2.62			70	0.18	0.13	0.08				
			80	0.25	0.18	0.13	0.08	0.04		
			90	0.30	0.25	0.18	0.13	0.10	0.08	0.04
3.53			70	0.20	0.15	0.10				
			80	0.30	0.20	0.15	0.10	0.05		
			90	0.40	0.30	0.20	0.15	0.13	0.10	0.05
5.34			70	0.25	0.18	0.13				
			80	0.35	0.25	0.18	0.13	0.06		
			90	0.45	0.35	0.25	0.18	0.15	0.13	0.06
7.00			70	0.30	0.20	0.15				
			80	0.40	0.30	0.20	0.15	0.07		
			90	0.50	0.40	0.30	0.20	0.18	0.15	0.07