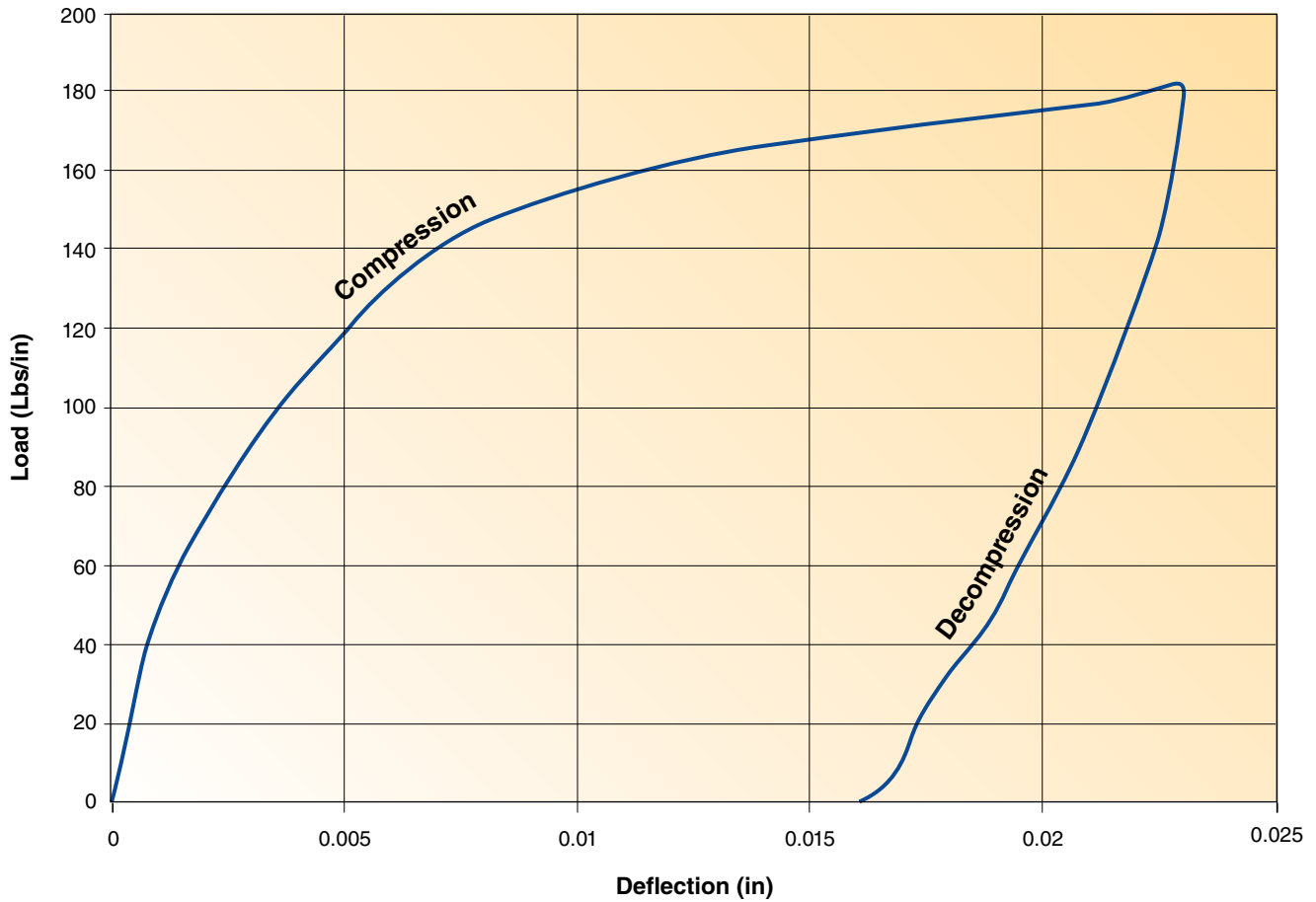


Performance Data



Based on nominal seal dimensions, recommended cavity dimensions and ambient temperature. If working pressures exceed the above ratings consult us for recommendations.

Metal C-Ring Performance								
Nominal Cross Section	Free Height	Material Thickness	Cross Section Code	Temper Code	Material	Seating Load (pounds per inch circumference)	Springback (inches)	Working Pressure Rating (psi)
1/32	0.031	0.006	01	-6	Alloy X-750	140	0.0015	66000
					Alloy 718	160	0.0015	76000
					Waspaloy	140	0.0015	58500
		0.007	02	-6	Alloy X-750	200	0.001	86500
					Alloy 718	230	0.001	99000
					Waspaloy	200	0.001	76500
3/64	0.047	0.006	03	-6	Alloy X-750	90	0.002	36000
					Alloy 718	110	0.002	41000
					Waspaloy	90	0.002	32000
		0.008	04	-6	Alloy X-750	200	0.002	54000
					Alloy 718	230	0.002	62000
					Waspaloy	200	0.002	48000
1/16	0.062	0.006	05	-6	Alloy X-750	70	0.003	25000
					Alloy 718	80	0.003	29000
					Waspaloy	70	0.003	22500
		0.010	06	-6	Alloy X-750	250	0.002	50000
					Alloy 718	280	0.002	57000
					Waspaloy	250	0.002	44000
3/32	0.094	0.010	07	-6	Alloy X-750	140	0.005	28500
					Alloy 718	160	0.006	32500
					Waspaloy	140	0.005	25000
		0.015	08	-6	Alloy X-750	350	0.004	49000
					Alloy 718	400	0.005	56500
					Waspaloy	350	0.004	43500
1/8	0.125	0.015	09	-6	Alloy X-750	260	0.006	33000
					Alloy 718	300	0.007	38000
					Waspaloy	260	0.006	29500
		0.020	10	-6	Alloy X-750	550	0.005	49500
					Alloy 718	600	0.006	56500
					Waspaloy	550	0.005	43500
5/32	0.156	0.016	11	-6	Alloy X-750	220	0.008	27000
					Alloy 718	260	0.009	31000
					Waspaloy	220	0.008	24000
		0.024	12	-6	Alloy X-750	550	0.006	46500
					Alloy 718	600	0.007	53500
					Waspaloy	550	0.006	41000
3/16	0.188	0.020	13	-6	Alloy X-750	300	0.009	28500
					Alloy 718	350	0.010	32500
					Waspaloy	300	0.009	25000
		0.030	14	-6	Alloy X-750	650	0.007	49000
					Alloy 718	750	0.008	56500
					Waspaloy	650	0.007	43500
1/4	0.250	0.025	15	-6	Alloy X-750	350	0.011	26000
					Alloy 718	400	0.013	30000
					Waspaloy	350	0.011	23000
		0.038	16	-6	Alloy X-750	850	0.008	46000
					Alloy 718	1000	0.009	52500
					Waspaloy	850	0.008	40500
3/8	0.375	0.038	17	-6	Alloy X-750	500	0.017	26500
					Alloy 718	600	0.020	30500
					Waspaloy	500	0.017	23500
		0.050	18	-6	Alloy X-750	1300	0.013	38000
					Alloy 718	1500	0.015	43500
					Waspaloy	1300	0.013	33500
1/2	0.500	0.050	19	-6	Alloy X-750	700	0.022	26000
					Alloy 718	800	0.025	30000
					Waspaloy	700	0.022	23000
		0.065	20	-6	Alloy X-750	1500	0.017	37000
					Alloy 718	1700	0.020	42000
					Waspaloy	1500	0.017	32500

Section E
Technical Information

