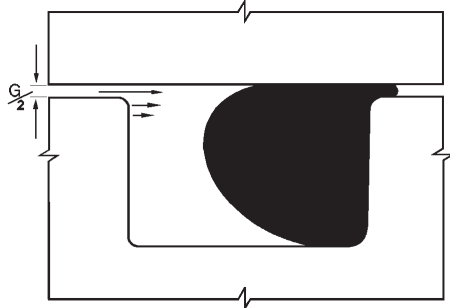


O-Rings



O Ring Diametral Clearances



O-Ring Diametral Clearance

Shore A Duro	Cross Section	Dimension G								
		P.S.I	250	500	1000	1500	2000	2500	3000	5000
60	.070		.007	.005	.004	.002				
	.103		.009	.007	.005	.003				
	.139		.011	.009	.006	.004				
	.210		.012	.010	.007	.005				
	.275		.014	.012	.008	.006				
70	.070		-	.008	.006	.004	.002	.001		
	.103		-	.010	.007	.005	.003	.0015		
	.139		-	.012	.009	.006	.004	.002		
	.210		-	.014	.010	.007	.004	.0025		
	.275		-	.016	.012	.008	.0045	.0025		
80	.070		-	.010	.008	.005	.004	.003	.002	
	.103		-	.012	.010	.007	.005	.004	.003	
	.139		-	.016	.012	.008	.006	.005	.004	
	.210		-	.018	.014	.010	.007	.006	.0045	
	.275		-	.020	.016	.012	.008	.007	.005	
90	.070		-	.014	.012	.010	.008	.006	.005	.003
	.103		-	.016	.014	.012	.009	.007	.006	.004
	.139		-	.018	.016	.014	.010	.008	.007	.005
	.210		-	.020	.018	.015	.012	.010	.008	.006
	.275		-	.020	.018	.016	.012	.010	.008	.006

Above values were obtained under the following conditions:

1. max temperature of 70°C (160°F).
2. No backup rings.
3. Total diametral clearance must include cylinder expansion due to pressure.
4. Reduce the clearance shown when using silicone or fluorsilicone elastomers.

Note: Use the 90 Duro values when using a nitrile backup.