



O Ring Seal Requirements:

1. Operating conditions-

Static _____
 Dynamic _____
 Reciprocation _____
 Oscillation _____
 Rotating _____
 Shaft dia. _____
 Speed rpm _____

2. Seal configuration-

3. Fluid sealed (Military specification if applicable)

Lubricant (If other than fluid sealed)

4. Pressure range-	Design	Operating
High	_____	_____
Low	_____	_____
Normal	XXXXX	_____

5. Temp. range-	Design	Operating
High	_____	_____
Low	_____	_____
Normal	XXXXX	_____

6. Time @ Pressure _____
 @Temperature _____

7. Specification-

FDA _____ USPVI _____
 NSF61 _____ OTHER _____

8. Military specification compound required (rubber)

9. Dimensions

Compound selection:

1. Suitable polymers
 Fluid

A. _____
 B. _____
 C. _____

Lubricant _____
 Best polymer _____

2. Durometer required (based on pressure and application)

3. Select best polymer (for fluid and temperature range)

4. Notes



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