

The following materials are to be tested:

- Nitrile – TM1040-09D from Freudenberg NOK distributed by Test Engineering, Inc.
- Polyacrylate – TM1040-08D from Freudenberg NOK distributed by Test Engineering, Inc.
- Fluoroelastomer – TM1041-09D from Freudenberg NOK distributed by Test Engineering, Inc.

The following guidelines shall be used for acceptance.

Guidelines for Acceptance of 1000 hr Seal Immersion Test			
	Nitrile	Polyacrylate	Fluoroelastomer
Volume Change %	+/- 15	+/- 10	+/- 10
Hardness Change, pts.	+/- 10 pts.	-5 to + 10 pts.	-15 to +5 pts.
Elongation Change, %	-55 max	-35 max	-40 max
Tensile Strength Change, %	-25 max	-20 max	-40 max
Reversion	Must Pass	Must Pass	Must Pass
Bend Test – Pass/Fail	Must Pass	Must Pass	Must Pass

May 28, 2010