



## TEFLON O-RING SERVICE INSTRUCTIONS

***Teflon is hampered by very poor elastic memory at room or low temperatures. This presents problems in o-ring installation, requiring extra care be taken.***

- 1) Teflon o-rings are difficult to remove once they have been installed. To ensure proper sealing and prevent damage to the sealing surfaces, carefully remove the o-ring using your fingers or non-metal tools.
- 2) Once the o-ring has been removed, inspect and clean the sealing surfaces.
- 3) Coat the replacement o-ring and mating surfaces with a clean lubricant which is compatible with the fluid being filtered.
- 4) It is usually difficult to install the o-ring in an external groove or over threads. To facilitate the installation, the o-ring may be "hot stretched" by immersion in boiling water (or placement in an oven at 180°F-200°F) for a few minutes. This softens and expands the o-ring. If necessary, the o-ring can be re-heated with a hot air gun, so it will shrink back to a tight fit when cooled.
- 5) For installation in an internal groove, some heating may also be desirable. Do not bend a Teflon ring too sharply because it could kink or buckle under the strain.