

EB-6: Lubricant/Chemical List & General Use

ELASTOMERIC O-RINGS: The lubricant specified for elastomeric o-rings is "Krytox" (GO p/n 095000). It is to be used on elastomeric o-rings (such as Viton®, buna or Kalrez®) where a lubricant is specified for use. Apply to cap seal o-ring on PR-5X series and BP-6X series regulators.

TEFZEL® / PTFE O-RINGS: Assemble clean and dry without lubricant of any kind.

METAL O-RINGS: Assemble clean and dry without lubricant of any kind.

CAPS: Brass bodies / aluminum cap products receive no lubricant on threads. All other products (aluminum, stainless, etc.) receive Krytox (p/n 095000) on threads.

ADJUSTING SCREWS: (1) Standard PR-1 adjusting screws are sprayed with polyube (p/n 095005). (2) Molygraph (p/n 095013) is used in high temperature applications such as the following: PR-9 and HPR-2. It is also used in Belleville washer regulator adjusting screws such as PR-1, PR-2, CYL-20, CPR-1, etc. (3) The general lubricant for adjusting screws other than numbers (1) and (2) is Lubrimatic (p/n 095004).

SPRING BUTTONS: Lubrimatic (p/n 095004) is the standard lubricant for all spring buttons. Molygraph (p/n 095013) is used on all high load / high temperature applications such as those listed for adjusting screws.

HPR-2 HEATER / THERMISTOR CARTRIDGES: Apply Molykote 321 spray (p/n 095010) and allow to dry before insertion.

HPR-2 ELECTRIC, ISSEp CERTIFIED UNIT: Use Loctite 242 (p/n 095012) on the ground NPT plug (p/n 109818) threads and on both threads of the block to conduit reducer (p/n 046500).

PR-1 SELF RELIEVING POPPET SEALS: Use 5-minute epoxy (p/n 095014) to hold seal material to the retainer.

GO INC . LUBRICANT & CHEMICAL LIST

GO PART NO.	NAME	MANUFACTURER	DESCRIPTION
095000	Krytox	DuPont	PFPE grease
095004	Lubrimatic	Witco Corp.	H.D. Lithium grease
095005	Polyube Spray	Clenesco	Thick spray lube
095010	Molykote 321	Dow Corning	MoS ₂ dry film spray
095012	Threadlocker 242	Loctite	Med strength anaerobic compound
095013	Moly-Graph #3141	Sta-Lube	MoS ₂ / Li grease
095014	5-min. Devcon	Devcon	5 min., 2-part epoxy cement