

# TECH BULLETIN 073



## Removal of the high-temperature, two-piece high-pressure seals

### 2SF and 2SFX Series plunger pumps.

The two-piece specially-formulated high-temperature seal, or "HT" seal, is comprised of a white PTFE blend with a separate stainless steel backing for added strength and support at high-temperatures.

With the two-piece high-pressure seal it is important to note that the stainless steel backing can separate from the seal when removing it from the manifold. If this happens, place the inlet manifold on a flat surface with the high-pressure seal facing up. Insert a flat tip screwdriver into notches of the inlet manifold and pry upwards to remove the complete 2-piece high-pressure seal. Ensure the stainless steel backing is not in the manifold. If accidentally left in the manifold, this will create an added load and result in premature wear to the seals or damage to other components.

The following is the special high-temperature, high-pressure seal and seal kit:

Seal PN	Seal Kit PN	Pump Models
46652	33953	2SF Series Pumps (PN's 2SF _____ 3)
		2SFX Series Pumps (PN's 2SFX _____ 3)
		Add "3" at the end of standard part number

**Note:** 2SF and 2SFX series pumps with 46652 high-pressure seals can handle fluid temperature up to 180° F.