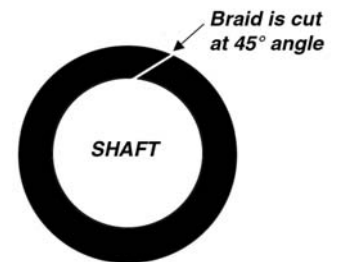
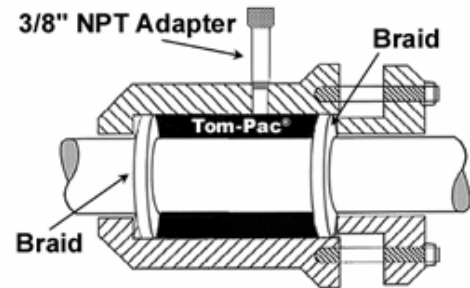


1. **A good installation starts with equipment in good mechanical condition.** Bearings, sleeve, stuffing box, follower, etc.
2. Ensure that the installation is within **Tom-Pac®**'s tolerances.
3. Measure shaft deflection with a dial indicator. Optimum Total Indicator Reading is .003" (0,075 mm)
4. Disconnect water line to lantern ring, if any.
5. Remove all old packing and lantern ring from stuffing box. **Note:** Do not remove lantern ring if it is installed at the front of the stuffing box (wet end) forming part of the throat bushing.
6. Clean shaft of any debris and flush stuffing box.
7. Check that the flush water port, which will now be used as the injection port for **Tom-Pac®**, is approximately in the center of the stuffing box, with a 3/8" NPT opening straight to the shaft, with no restriction or reduction. If needed, re-drill with a 9/16" bit right to the shaft and tap 3/8" NPT.
8. Install a **new** piece of **graphite** braided packing at the wet end of the stuffing box (If graphite is not suitable contact Tom-Pac for recommendations). Ensure that the braid is cut at a 45° angle and properly seated in the stuffing box.
9. Fill stuffing box evenly with TP-4000 or TP-5400. Compact by hand using gland follower to compress and remove air pockets.
10. Install a second **new** piece of braid at the dry end of the stuffing box. Install follower, ensuring that it enters the stuffing box at least 1/8". Tighten nuts **moderately** just to secure the follower. **Do not overtighten.** Install double nuts.
11. Load and install **Linear Loader™** according to instructions.
12. Start equipment and adjust to zero leakage, if necessary, by injecting additional compound via the **Linear Loader™**.
13. Install equipment maintenance tag.



IMPORTANT FACTS TO REMEMBER DURING INSTALLATION!

Make certain waterline is disconnected before installing Tom-Pac!
Always cut braid end rings at 45° angle!
Initial Installation is always done by hand, **not** by injection!
If a pipe is used to connect Injector to stuffing box port, Always pre-fill the pipe before connecting!
Never try to inject compound through pipe elbows of more than 45° angle!
Never use reducers if pipes are installed. Injection port must be 3/8" NPT all the way into the stuffing box.