

## Technical Note PP 808-A

### Tightening Flat Ring Gasket Tapping Tee & Purge Point Caps

#### Cap Seal Styles

Performance Pipe offers two tapping tee and purge point cap seal styles: *Flat Ring Gasket and O-Ring Seal*

- Flat Ring Gasket seal Standard Tapping Tees, High Volume Tapping Tees and Purge Points have a lubricated, flat ring gasket that seals between the top of the tapping tee and the cap. See Technical Note PP-808A-TN.
- O-Ring Seal Standard Tapping Tees, High-Volume Tapping Tees, and Purge Points have a lubricated o-ring seal at the top of the tee body. Standard Tapping Tees and Purge Points have a second o-ring in the cap that seals against the top of the tapping tee. O-rings may be circular or Quad-Ring® cross section. See Technical Note PP-808B-TN.

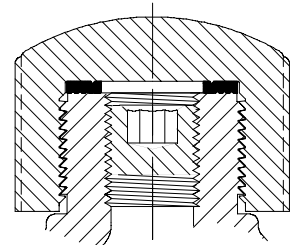
#### Tightening Flat Ring Gasket Tapping Tee and Purge Point Caps

Tighten by hand. Use both hands if needed. Gloves may be used to improve grip, or a band type (oil filter) or strap type wrench may be used to tighten the cap.

**Never use pliers or a pipe wrench - the teeth will damage the cap.**

##### 1. Before Tightening

- Cap, gasket and tee body sealing surfaces must be clean and undamaged - no dirt; no debris; no cuts, scrapes or gouges. In Standard Tapping Tees and Purge Points, the gasket fits in the cap. In High-Volume Tapping Tees, the gasket fits in a recess on top of the tee body.
- The cutter must be slightly below the top of the Tapping Tee body. The plug must be slightly below the end of the Purge Point.



##### 2. Tightening Tapping Tee, Purge Point Caps and High Volume Tapping Tees

Screw the cap down until the cap contacts the gasket, about 8 turns; then tighten 1/2 to 3/4 additional turn.

- For Standard Tapping Tees and Purge Point caps, there should be about 1/16" (1.5 mm) between the bottom of the cap and the thread terminator.
- For High Volume Tapping Tees, there should be about 1/8" (3.2 mm) between the bottom of the cap and the thread terminator.
- Caps may be tightened an additional 1/2 turn if necessary. **Tightening further can damage the cap, gasket or purge point body.**

After tightening, the cap may be tested for leaks.

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