

## Read before Installation

### Overtightening Threaded Plastic Joints will Damage the Fittings

Please note that NPT male threads are tapered. Each successive thread is larger than the previous thread. By comparison, female threads get successively smaller. Because the threads are tapered, additional turns cause the female part to stretch or undergo "strain." This will split the female fitting, if over-tightened. This is especially true when installing on to a male alloy fitting.

You can avoid damage to expensive components by following these simple instructions.

Do not use Teflon Tape, Teflon Paste or Pipe Dope on plastic fittings. This will lubricate the threads making it easier to overtighten and will add bulk to the fitting increasing the stress on the fitting.

Use a chemically compatible non-hardening sealant on plastic threaded joints.

*For example: Saf T Lok TPS PTFE Pipe Sealant - Anaerobic Adhesive/Sealant*

Do not overtighten joints by giving one more turn just to be sure. The rule of thumb is to finger tighten the fitting plus 1 to 2 more turns. **No More!** The smaller the fitting the easier it is to overtighten.

**Failure to follow instructions will void warranty.**

Typical thread depth when finger tight.



Thread depth at 1-1/2 turns.

