

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. Whereas, 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 over time.

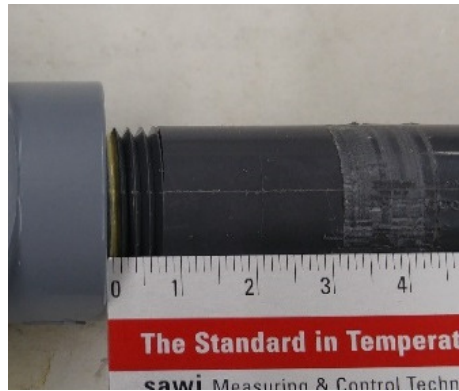
The rule of thumb is to finger tighten the fitting **plus** 1 and 1/2 turns (1.5 turns). 2 turns maximum, **No More!** The smaller the fitting the easier it is to overtighten. Finger tighten is tightening with finger only, no tools, to a torque of about 1.2 to 1.7 foot-pounds (1.7 to 2.3Nm). Do not overtighten joints by giving one more turn just to be sure.

Example only:

Typical 1/2" tapered thread length



Typical thread depth when finger tight



Thread depth after finger tight plus 1-1/2 turns

