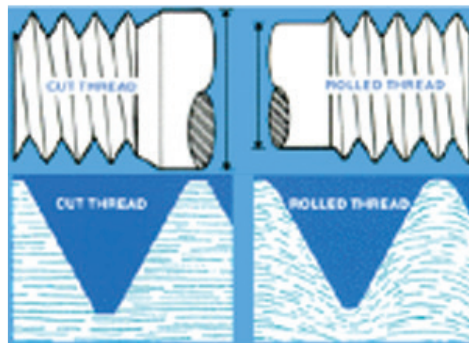


THREADING METHOD & QUALITY

Premium Guard Spin-on filters are manufactured to the highest standards in the industry. Each filter is individually leak tested and tapping thread are checked to insure the correct specifications are being met.

Premium Guard spin-on filters utilize an advanced threading method which is referred to in the industry as "Forming Thread". Forming thread offers many advantages over older methods – i.e. cutting threads. Rolled (or forming) threads are cleaner and do not leave metal chips. Forming taps do not have a cutting edge that can become dull. These characteristics result in a tap life of 3 to 20 times longer.

Forming adds strength to Premium Guard's spin-on filters thread. During the threading process, the surface layer of the raw material is put into compressive stress. There are no sharp corners in the root or tool marks on the flanks to cause stress risers.



As a result, Premium Guard filters offer higher precision coupled with a lower allowance rate; (The allowed difference between the thread design size and the thread actual size). This ensures proper fitment which permits the filter to have better retention to the mounting stud with the ability to withstand vibrations and fluctuations in operating pressure.

Installation tip:

Depending on the application, these threads are formed to a close tolerance which sometimes can be perceived as a fitment issue. Installers find the easiest way to overcome this is to seat the filter squarely on the stud, then slowly rotate it counterclockwise for a turn or two to engage the first thread then proceed to install it as you normally would.