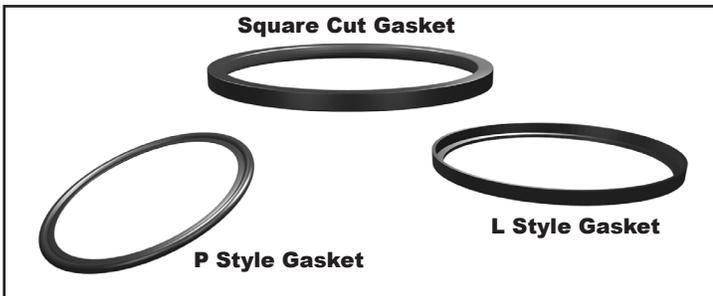


PRODUCT NEWS BULLETIN

Lathe Square Cut Gaskets

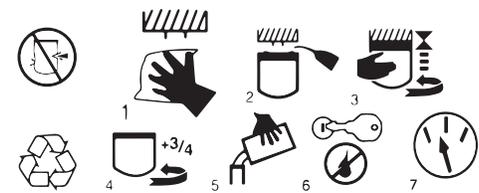
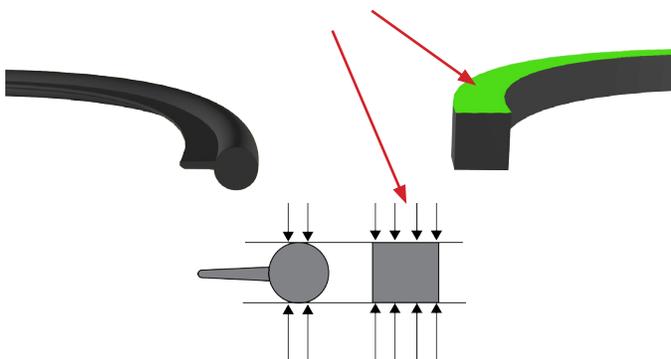
In order for a filter to perform the task of capturing and removing harmful contaminants from the lubrication system, the filter must first be properly installed. Instructions are usually provided with the filter to ensure that the installer clearly understands the key steps that must be taken.

One such critical step is to achieve gasket compression by correctly tightening the filter. With spin-on filters, the gasket creates an axial seal as it is compressed between the filter's base plate and another surface. Although there are many types of gaskets, the lathe square cut is commonly used on WIX spin-on oil filters.



Lathe square cut gaskets generally have more material and the shape itself provides more surface sealing area. Increased surface area gives the gasket a better seal against the oil base.

More Surface Sealing Area



Universal Installation Symbols



The chemical composition of today's oils and the high operating temperatures of engines are two variables that can affect a gasket over time. More gasket material equates to better chemical resistance to oil and high engine temperatures. This means that the gasket will maintain compression throughout the service life of the filter.

Sealing gaskets are selected and provided by the manufacturer based on the intended type and use of the filter. Gaskets engineered for fuel applications, for example, are not appropriate for oil applications. For this reason, the provided gasket should always be used.

There are many types of gaskets in use on filtration products today, and the lathe square cut type is a great choice for spin-on oil filters.