



Split V-RINGS with ZAVA® Quick-Lock

We split the V-rings and install our unique ZAVA® Quick-Lock, which makes it easier and faster to mount the V-ring.

V-Rings are suitable for a whole range of sealing applications as well as rotary shaft applications such as electric motors, pumps and agricultural machinery. This type of seal has proved to be reliable and effective against penetrating impurities such as grit, sand etc. V-Rings are available in our standard material, low-friction NBR.

What is V-Ring seal?

The function of a V-Ring seal, or V-Ring, is to snap over a rotating shaft and act as a centrifugal seal acting against the bearing face and throwing dirt and contaminants away from the bearing area, which will probably contain the primary sealing elements. V seals are not designed to seal against fluids or pressure differentials in their own right. A V-Ring's prime function is to exclude contaminants. Looking for another seal product? Why not view our ZAVA® Seal-Ring.

How do V-Ring seals work?

V-Rings are flexible rubber seals that work by stretching and fitting onto a shaft and then rotate with the shaft against a counter face. V-Ring seals are designed to give the lips an automatic sealing action. V seals provide secondary sealing as pressure acting on the header ring spreads the v rings, thereby increasing the sealing area.

V -Ring seal applications

Careful consideration needs to be given to the specific environment and application in which the V-Ring will be applied. V-Ring seals can be used in a number of applications, for example, V-Rings can be used to protect bearings on rollers in:

- Steel mills
- Cement mills
- Machine tools
- Paper mills
- Spindles
- Pillow blocks
- Electric motors
- Pumps
- Conveyors
- Gear boxes
- Rolling mills
- Agricultural equipment and machinery
- Mining equipment and machinery

V-Ring seal design

When considering your V-Ring seal design, the selection of the best material is crucial, as this has a critical impact on achieving the best sealing performance. Our V-Ring seal designs are available A design and material NBR 70 or AFLAS.

V-Ring seal sizes and dimensions

Our V-Ring seals can be purchased in sizes: V350A – V400A – V450A – V500A – V550A – V600A – V650A.