



CHARACTERISTICS

A V-Ring is a rubber gasket composed of a single flange, which is tension mounted on a shaft, where it ensures axial sealing.

PROPERTIES:

Thanks to its specific characteristics, the V-Ring can absorb large shaft inclinations such as misalignments or oval deformations.

No tools are required for installation.

It deforms easily, which allows it to pass through flanges or other elements.

APPLICATIONS:

V-Rings have a variety of applications including the following:

- Ejector seal: Any liquid or solid particles are expelled from the sealing zone by the kinematic action of the seal.
- Bearing protector: It is mounted on the outer bearing housing and protects it hermetically from dust and dirt.
- Chicane seal: Due to its reduced cross-section, the VL type is a seal that fits into the chicanes of bearings and rolling bearings.
- Sealing ring: To be installed next to the oil reservoir. For this type of application, it is necessary to provide a support for the seal on the opposite side of the flange.
- Secondary seal: Can be installed to prevent abrasive particles from entering the assembly of conventional sealing rings and packing glands.

MATERIALS:

The standard version is nitrile, which has good wear resistance and is compatible with most fluids commonly used for lubrication. It withstands temperatures -40°C and $+100^{\circ}\text{C}$. It can be supplied in FPM, a material capable of withstanding temperatures up to $+200^{\circ}\text{C}$ and in a particularly aggressive environment.

CHARACTERISTICS:

TYPE VA:

It is the standard version for universal applications. Its dimensional range covers shaft diameters from 9.5 mm to 2,020 mm.



TYPE VS:

This is the same design as type VA, but the seal body is more robust. Its dimensional range covers shaft diameters from 9.5 mm to 210 mm.



TYPE VL:

Type O with reduced characteristics for small spaces (see chicane seal). Its dimensional range covers shaft diameters from 135 mm to 410 mm.



TYPE VE:

Designed for large diameter shafts (diameters from 450 mm to 2,010 mm).

