



PRODUCTS

CATALOGUE



Since 2006, Nimax has been supplying the highest quality O-Rings and sealing components in the industry. Featuring thousands of Standard O-Rings in stock, we strive to deliver the products that you need, when you need them and at the best prices available.

Our globally structured business is always committed to supply products in a wide range of rubber related businesses, which means that we can offer you competitive prices without any compromise in quality.



Avail the following products online from our website at www.nimaxseals.com :

- O-Rings Viton 75 Shore A
- Viton cord
- O-Rings NBR 70 (Nitrile) Shore A
- O-Rings Viton 90 Shore A
- O-Rings kits
- Etc.

We guarantee top quality material since our products are from Europe.
We are the best source of Viton and FFKM O-Rings in the Middle East.

With Nimax, we can guarantee:

The Seal of Performance

O-RINGS

O-RINGS VITON (FKM) 75 SHORE A

Black fluorocarbon/ Fluoroelastomer O-ring, also known as Viton O-ring or FKM O-rings have low compression set and have high temperature and chemical resistance.

The terms FPM, FKM and Viton are often used interchangeably. However, these terms come from only one base substance known as the fluoro rubber.

Temperature Range -20°C to +200°C with Durometer/
Hardness 75.



O-RINGS VITON (FKM) 90 SHORE A

Black Fluorocarbon O-ring is also known as Viton O-ring or FKM, FPM O-Rings. The FKM (Viton®) O-Rings feature a low compression set with high temperature and chemical resistance with Durometer / Shore A 90.

The terms FPM, FKM and Viton® normally cause confusion that could often lead to incorrect interpretations. All of these designations actually stand for a single base material: the fluoro rubber.

O-RINGS NBR 70 (NITRILE) SHORE A

Black NBR O ring, also known as a Nitrile o-ring or Buna-N O'Rings most widely used elastomer in the seal industry today.

NBR is a standard material for Hydraulics and Pneumatic. NBR / Nitrile O-Rings resists oil-based hydraulic fluids, fats and oils.

Temperature Range -30°C to +120°C with Durometer/
Hardness 70.



ENCAPSULATED O-RINGS

The Teflon, Silicone and Viton Encapsulated O-Rings with FEP or PFA core of elastomer are completely covered with seamless sheath of FEP fluoropolymer. Normally, the elastomeric core is either fluorocarbon (FKM) or silicone (VMQ) in nature. These are used mainly in the chemical, petrochemical, food and pharmaceutical industries, as well as other sectors where high levels of chemical resistance or hygiene are required.

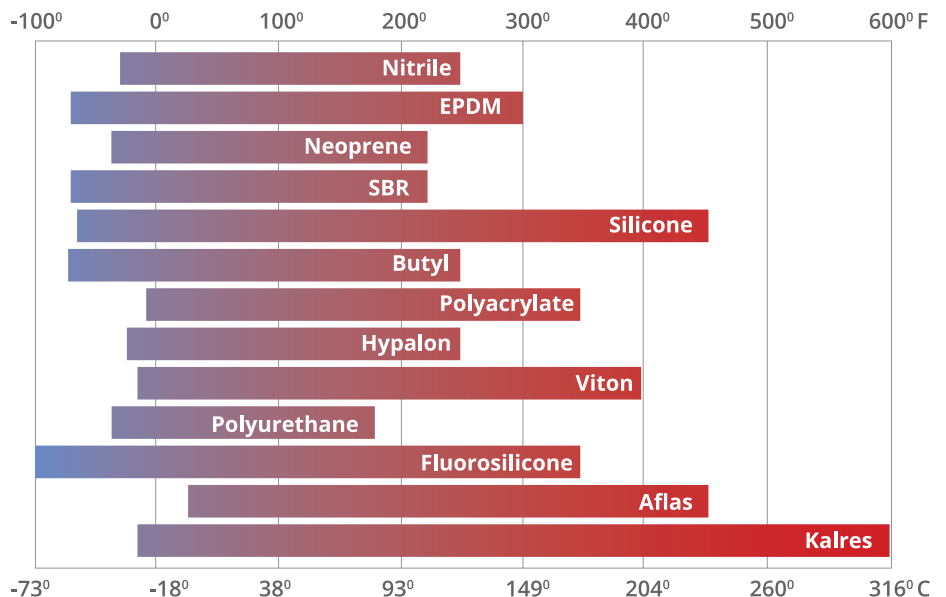
The products are available in metric or inch sizes.



FFKM O-RINGS

Perfluoroelastomer (FFKM) currently offers the highest operating temperature range, the most comprehensive chemical compatibility, and the lowest off-gassing levels of any rubber material. FFKM has an extreme performance spectrum that makes it ideal for use in critical applications like semiconductor, chip-manufacturing, jet engines and chemical processing equipment.

O-RINGS TEMPERATURE CHART



VITON CORD

FKM / Viton rubber cord belongs to fluoroelastomer/ fluorocarbon category of elastomers. This rubber cord offers excellent resistance to a wide variety of corrosive fluids at elevated temperature without major degradation. Nimax FKM/Viton® rubber cords have excellent resistance to ozone.

As FPM, FKM and Viton® usually cause confusion, it's vital to know that these designations actually stand for only one base material, namely: the fluoro rubber.



O-RINGS KIT

O-Rings servicing kits in various sizes consist of materials such as NBR, Viton (FKM) in different shores A. These kits are deemed as a superior choice for all industries.

By availing our splicing kit, you can make any size of O-Rings for your special purpose.

You can check the details of each kit from the download link provided in our website.

BACK-UP RING

A back-up ring is a rigid ring that holds an elastomeric seal to its designed shape and in its correct place. Back up rings are commonly used with O-rings, lip seal, and as reciprocating shaft seals.

Viton / FKM, Nitrile / NBR, and PTFE are materials mostly used as a backup ring.



SPRING ENERGIZED PTFE SEALS

Spring Energized PTFE Seals or spring Loaded Teflon Seal are ideal for those hard to seal applications. Such as high or low temperatures, high pressures, high speeds and/or extremely corrosive environments. Spring Energized Teflon Seal are also used in applications requiring very low friction special in Oil and Gas industries.

Spring Energized PTFE Seals are typically used in areas where elastomeric seals cannot meet the frictional, temperature, or chemical resistance requirements of the application.

Jacket materials: Virgin PTFE, Graphite filled PTFE, Carbon Filled PTFE, Rubber Elastomer
Spring materials: Inconel, 301 SS, Elgiloy, 17-7 PH SS



HAMMER UNION SEAL

Hammer Union seal are high-pressure threaded or welded connections with two halves a threaded female half and a wing male half with swivel nut that fit together and seal upon turning and then hammering the nut half together with the threaded half.

Nimax can supply you best Viton Hammer Union seal in different figs like 602, 1002, 1502, 2002 and 2202.

VITON OIL SEAL

Viton/FKM Oil Seal (Rotary Shaft Seal or Elastomer Lip Seal) is a component of machine that seals lubricants. An oil seal is made up of rubber, garter spring, along with an internal case. While preventing the leakage of lubricants, water, or chemicals, an oil seal also prevents the entry of dust and dirt into a machine.

The product is available in metric or inch sizes.



OUR PRODUCTS



VITON SHEET

Viton Sheet (FKM sheet) is a high performance elastomer sheet using in many industries. Viton Sheet has developed for outstanding performance in very hot and extremely corrosive environments.

Viton Sheet particularly valued for its excellent heat stability and resistance to aggressive fuels and chemicals. FKM/Viton is the most specified fluoroelastomer for fuel system seals, expansion joints and gaskets.



CUSTOM RUBBER MOLDING

We are the supplier of customized molded rubber Seals and molded rubber parts for applications across many industries with material Viton/FKM.

O-RING EXTRACTION TOOL

O-Rings Installation and Extraction Tool make life easier for the mechanic who must install or remove O-Rings from hydraulic or pneumatic cylinders or other equipment.





Visit our online store at:
www.nimaxseals.com

Our online shop can accept orders from UAE, Saudi Arabia,
Kuwait, Qatar, Oman and Bahrain.
If you are out of these countries, please send your inquiries to
sales@nimaxseals.com
Surely, we can handle orders from all over the world.

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