



# VITON A 70 INSERTION RUBBER SHEET

70 Duro | Heat Resistant | Chemical Resistant | Fuel & Oil Resistant | Nomex Reinforced | Viton Rubber

## FEATURES

Industrial Gaskets Viton A 70 Insertion Rubber is a black, premium grade, 70 Duro Fluoroelastomer sheet, reinforced with a tear resistant Nomex fabric. It has very high temperature and chemical resistance, to acids and alkalis. It is also a viable choice for resistance to petroleum based oil and fuel including petrol, diesel and LPG. It is also resistant to mineral acids and aliphatic and aromatic hydrocarbons.

It is completely UV stabilised, making it highly resistant to ozone effects and extreme weather conditions.

Viton A contains a 66% fluorine content to maintain its fluid resistance at high temperatures and flexibility at low temperatures.

The specially designed Nomex fabric reinforcement gives Viton A Insertion improved tear strength and dimensional stability, making Viton Insertion suitable for flange gasket sealing applications.

## TECHNICAL INFORMATION

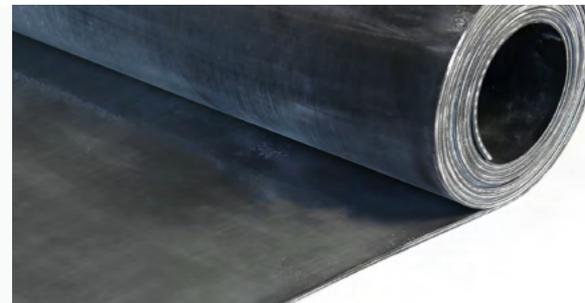
Polymer	FKM (minimum 66% Fluorine content)	
Colour	Black	
Reinforcement	Nomex 154 g/m <sup>2</sup>	ASTM D297
Tensile (Warp)	Weave 32x32 per inch 1000N / 50mm (+/-10%) 950N / 50mm (+/-10%)	
Specific Gravity	1.84	ASTM D297
Hardness	70° ± 5° Shore A	ASTM D2240
Tensile Strength	7 MPa (min)	ASTM D412
Elongation @ Break	175% (min)	ASTM D412
Tear Resistance	22 N/mm (min)	ASTM D624
Compression Set (22hrs @ 175°C)	30%	ASTM D395B
Temperature Range	-15°C to +204°C	

## AVAILABLE SIZES

**STANDARD THICKNESS** 1.5mm, 3mm

**STANDARD ROLL SIZE** 1200mm x 10mtrs

Cut lengths, strips and custom shapes are available upon request



## APPLICATIONS

Industrial Gaskets Viton A Insertion Rubber has been designed primarily for use as a flexible strip, pad, lining or gasket and is mainly used for Sealing, Insulating, Isolating and Protecting, steel or other surfaces of equipment.

It is mainly used for corrosion and high temperature applications such as chemical storage, transfer and processing but can be used for a wide range of applications including:

- > Flange gaskets on pipes and tanks
- > Lining of pipes and tanks
- > Transfer and joining sleeves
- > Chemical proof flashing
- > Diaphragms
- > Insulating strip
- > Isolation barriers
- > Variety of sealing applications