TECHNICAL DATA SHEET

Queensland Gaskets

VITON A | RUBBER SHEET

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



Viton A 70 Rubber is a black, premium grade 70 Duro Fluoroelastomer sheet, which 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 UV stable, ensuring it is highly resistant to ozone effects and weathering. Viton A 70 contains a 66% fluorine content to maintain its fluid resistance at high temperatures and flexibility at low temperatures. This ensures its suitability for critical temperature sealing and corrosion protection applications.

TECHNICAL INFORMATION

Polymer	FKM (minimum 66% Fluorine content)	
Colour	Black	
Specific Gravity	1.85 ±0.05 – 1.95	ASTM D297
Hardness	70° ± 5° Shore A	ASTM D2240
Tensile Strength	7 MPa (min) – 8 MPa (min)	ASTM D412
Elongation @ Break	165% (min) – ⩾220	ASTM D412
Compression Set (22hrs @ 175°C)	50% – ⩽55%	ASTM D395B
Temperature Range	-15°C to +204°C – -20°C to +250°C	

AVAILABLE SIZES

STANDARD THICKNESS	0.5mm, 1mm, 1.5mm, 2mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm
STANDARD ROLL SIZE	1400mm x 20mtrs (1mm) 1200mm x 10mtrs (0.5mm - 6mm) 1200mm x 5mtrs (8mm, 10mm) or 1400mm x 15mtrs (1.5mm, 2mm) 1400mm x 10mtrs (3mm - 6mm)

Cut lengths, strips and custom shapes are available upon request

APPLICATIONS

Viton A 70 Rubber Sheet 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
- Camlock washers
- Insulating strip
- Isolation barriers
- Variety of sealing applications

Contact us to discuss requirements and place your order 07 3277 3922

All information and data quoted has been provided by our suppliers and is based upon years of experience in the production and operation of sealing elements. This data may not be used to support any warranty claims. With its publication this latest edition supersedes all previous issues and is subject to change without further notice.