

Technical Data Sheet

Viton A 70 Rubber Sheet

Features: Shuk 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.

Applications: Shuk 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
- Cam lock washers
- Insulating strip
- Isolation barriers
- Variety of sealing applications

Dimensions:

GMV1.5	1.5mm Thick
GMV3.2	3.2mm Thick
GMV4.5	4.5mm Thick
GMV6.4	6.4mm Thick

Technical Information:

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