

# Viton Rubber



**TBJ-UTEX INDUSTRIES (M) SDN BHD**

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MS ISO/IEC 17021:2011  
QS26122016 CB 16



Certificate Number : FM 646287  
ISO 9001 : 2015

Viton Rubber is a black 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.

Viton Rubber is UV stable, ensuring it is highly resistant to ozone effects and weathering. It is suitable for critical temperature sealing and corrosion protection applications.

### Chemical and Environmental Resistance

| Factor                      | Resistance |
|-----------------------------|------------|
| Weathering and Ozone        | Very Good  |
| Diluted Acids and Oils      | Very Good  |
| Concentrated Acids and Oils | Very Good  |
| Hydrocarbons                | Good       |
| Organic Solvents            | Good       |
| Oil and Petroleum Products  | Good       |

### Application

- 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

### Technical Details

|                            |                        |
|----------------------------|------------------------|
| <b>Specific Gravity</b>    | 2.00 g/cm <sup>3</sup> |
| <b>Tensile Strength</b>    | 5.0 - 8.0 MPa          |
| <b>Hardness</b>            | 75 (±5) Shore A        |
| <b>Elongation At Break</b> | 300% - 400%            |
| <b>Temperature Range</b>   | -30°C to 250°C         |

### Standard Thickness, Roll Size and Finish

|                           |   |
|---------------------------|---|
| <b>Standard Thickness</b> | 1.5mm, 2mm, 3mm, 4mm, 5mm, 6mm  |
| <b>Standard Roll Size</b> | 1200mm (W) x 10mtrs (L) for 1.5mm - 5mm (T)<br>1200mm (W) x 5mtrs (L) for 6mm (T) |
| <b>Standard Finish</b>    | Both Sides Smooth (SS)  |

\* Note: Manufacturing tolerance of ± 10% on thickness, ± 5% on length & ± 2% on width shall be applicable

**Cut lengths, strips, custom shapes, surface finish and colours are available upon request**

*All information/applications contained in this publication are to the best of our product knowledge. Since condition of uses is beyond our control, users must satisfy themselves that products are suitable for the intended processes and uses. Failure of select the proper sealing products could result in property damage and/or serious personal injury. We reserve the right to change product information without notice.*