

# Technical Data Sheet

## Butyl Rubber Sheet

**Features:** Shuk Butyl Rubber is a black, premium grade, flexible 50 Duro Corrosion resistant butyl rubber sheet which has high temperature resistance and chemical resistance to acids and alkalis. It has low fluid and gas permeability and is UV stable and is resistant to ozone effects and extreme weather conditions.

Shuk Butyl Rubber Sheet has low resilience making it suitable for vibration damping and shock absorption sealing applications.

**Applications:** Shuk Butyl 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. Its properties make it suitable for use in a wide range of applications including:

- Flange gaskets on pipes and tanks
- Lining of pipes and tanks
- Transfer and joining sleeves
- Weatherproof flashing
- Insulating strip
- Isolation barriers
- Acid proof Splash guards and covers
- Loading socks
- Anti-vibration strips and pads
- Variety of sealing applications

Dimensions:	BUTR1.0	1mm Thick
	BUTR1.5BK	1.5mm Thick
	BUTR1.5G	1.5mm Thick – Dove Grey
	BUTR3	3mm Thick
	BUTR4.5	4.5mm Thick
	BUTR6	6mm Thick

Technical Information:	Properties	Value	Test Method
	Polymer	Bromo-butyl	
	Colour	Black	
	Specific Gravity	1.27	ASTM D297
	Hardness	50 ° ± 5 ° Shore A	ASTM D2240
	Abrasion	300 mm <sup>3</sup> (max) @ 5N	ASTM D5963
	Tensile Strength	5 MPa (min)	ASTM D412
	Elongation at Break	370% (min)	ASTM D412
Temperature Range	-35 °C to +100 °C		