

BUTYL RUBBER SHEET

Chemical Resistant | Heat Resistant | UV & Ozone Resistant | Low Permeability



Overview

Duratuf Butyl Rubber Sheet is a black, flexible corrosion resistant rubber sheet made from Butyl Rubber which is a co-polymer of Isobutylene with Isoprene. It 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.

Our Butyl Rubber Sheet are available in two choices depending on its hardness, specific gravity, mechanical properties and surface finish.

Technical Information

Product Code	Polymer	Sp. Gravity	Hardness (Shore A)	Tensile Strength (Min.)	Elongation (Min.)	Colour	Temp. Range
BR11555P	IIR	1.15	55° ± 5°	10 MPa	450%	Black	-40°C to +130°C
BR13565S	IIR	1.35	65° ± 5°	5 MPa	250%	Black	-20°C to +70°C
BR CD	IIR	1.10 to 1.60	40° ± 5° to 70° ± 5°	3 MPa to 13 MPa	200 to 500%	Any	-45°C to +135°C

P – Premium Grade | S – Superior Grade | CD - Custom Design

Standard Thickness	3mm, 5mm, 6mm, 10mm & 12mm
Standard Roll Size	1200mm x 10Mtrs for upto 12mm
Standard Finish	Both Sides Smooth (SS)

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

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



Applications

Duratuf 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

Inquiry/Ordering Info

- > Thickness x Width x Length *
- > Hardness *
- > Specific Gravity *
- > Colour *
- > Surface Finish *
- > Tensile Strength & Elongation *
- > Total Quantity Required *
- > Working Temperature in °C
- > Application/End Use

* Mandatory