

BUTYLINE LINING RUBBER

Corrosion Resistant | Heat Resistant | Bromo Butyl Rubber | CN Bonding Layer



APPLICATIONS

Butyline Lining Rubber has been designed primarily for use as a corrosion and wear protection lining system.

It is bonded to equipment to protect surfaces from chemical attack and corrosion as well as wet slurry and fine particle abrasion. It is predominantly used in the Mining, Quarrying and Mineral processing industries, typically on the following equipment:

- > Tanks and pipework
- > Valves and pumps
- > Floatation cells
- > Rougher cells
- > Thickeners
- > Leaching tanks
- > Electroplating equipment
- > Chemical dosing equipment
- > Cooling water systems
- > Water and effluent treatment equipment

Butyline can also be used for any application which requires a flexible chemical resistant rubber including:

- > Loading/Discharge socks
- > Transfer and joining sleeves
- > Variety of sealing applications

Butyline Lining rubber is a premium grade corrosion resistant 50 Duro rubber lining with a CN bonding layer.

FEATURES

Butyline Lining Rubber is made from a premium bromo-butyl rubber compound and will display high temperature and excellent chemical resistance to both acids and alkalis.

Butyline has good physical properties and will display moderate resistance to wet slurry and fine particle sliding abrasion. It has excellent insulating properties as well as low fluid and gas permeability.

Butyline has excellent ozone/UV resistance making it weather resistant and suitable for outdoor use.

Butyline features a specially formulated Neoprene based CN bonding layer to achieve ultimate adhesion when bonded to steel or rubber surfaces. To achieve ultimate adhesion, TRS adhesives are recommended. The CN bonding layer and TRS adhesive system is extremely flexible. It allows for good bond strength to be achieved even in adverse conditions encountered on site.



CN bonding layer



Weather resistant

TECHNICAL INFORMATION

Polymer	Bromo-butyl	
Colour	Black with CN bonding layer	
Specific Gravity	1.20	ASTM D297
Hardness	50° ± 5° Shore A	ASTM D2240
Abrasion	200 mm ³ (max) @ 5N	ASTM D5963
Tensile Strength	7 MPa (min)	ASTM D412
Elongation @ Break	400% (min)	ASTM D412
Temperature Range	-25°C to +90°C	

AVAILABLE SIZES

STANDARD THICKNESS 3mm, 4mm, 6mm, 10mm

STANDARD ROLL SIZE 1200mm x 10mtrs

Butyline can be supplied in cut lengths, strips, pads and custom cut shapes.