

# UNVULCANISED RUBBER SHEET

Autoclave Curing | Impact Resistant | Wear Resistant | Natural Rubber



## Overview

Duratuf Unvulcanised Rubber Sheet is a black, tear and impact resistant, highly elastic, wear resistant blended natural and synthetic uncured rubber sheet. It is resistant to some mild chemicals, including acids and alkalis used in mineral processing.

Our Unvulcanised Rubber Sheet is designed for curing in a vulcanising press or autoclave. We strongly advise our customers to make sure that proper bonding system and curing procedures are followed to achieve the desired results.

The sheet has excellent physical properties including cut and tear resistance making it suitable for wear protection rubber lining applications. It is available in different choices based on hardness, specific gravity, mechanical properties and surface finish.

## Technical Information

Product Code	Polymer	Sp. Gravity	Hardness (Shore A)	Tensile Strength (Min.)	Elongation (Min.)	Abrasion (Max.)	Colour	Temp. Range
URS12065P	NR	1.20	65° ± 5°	16 MPa	400%	130mm <sup>3</sup>	Black	-20°C to +70°C
URS11045P	NR	1.10	45° ± 5°	16 MPa	500%	100mm <sup>3</sup>	Black	-20°C to +70°C
URS13565S	NR	1.35	65° ± 5°	10 MPa	300%	200mm <sup>3</sup>	Black	-20°C to +70°C
URS15065C	NR	1.50	65° ± 5°	5 MPa	250%	250mm <sup>3</sup>	Black	-20°C to +70°C

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

<b>Standard Thickness</b>	3mm, 4.5mm, 5mm, 6mm, 10mm, 12mm
<b>Standard Roll Size</b>	1200mm x 10Mtrs for upto 6mm & 1200mm x 5M for upto 12mm thick
<b>Standard Finish</b>	One Side Smooth / Other Side Fabric Finish (SF)

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 Unvulcanised Rubber Sheet has been designed primarily for use as a rubber lining for the wear and corrosion protection of steel surfaces of equipment. It's mainly used in heavy impact and abrasion applications including ore and crushed rock in the mining and mineral processing industries but can be used for any general abrasion applications. Typical equipment to be lined includes:

- > Chutes
- > Screen cross beams & side plates
- > Screen feed chutes & underpans
- > Trommels & Trunnions
- > Scrubbers
- > Mills
- > Magnetic separator belt covers
- > Conveyor belt pulleys & idlers

## Inquiry/Ordering Info

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

\* Mandatory