

# NITRILE RUBBER SHEET

Fuel & Oil Resistant | Acid & Alkali Resistant | Good Mechanical Strength | NBR Based



## Overview

Duratuf Nitrile Rubber Sheet is a black colour rubber sheet, made from Acrylonitrile Butadiene Rubber which is a co-polymer of butadiene and acrylonitrile. It has petroleum-based fuel and oil resistance, including petrol, diesel and LPG. It is also resistant to mineral oils and greases and gas permeability.

Our Nitrile Rubber Sheets has good physical properties including mechanical strength and moderate temperature and chemical resistance, making it suitable for industrial applications in contact with petroleum-based fluids. It is also suitable for use in food industry.



## Technical Information

Product Code	Polymer	Sp. Gravity	Hardness (Shore A)	Tensile Strength (Min.)	Elongation (Min.)	Colour	Surface Finish
RS-10NBR-14065G-BLAPP	10% NBR	1.40 ± 0.05	65° ± 5°	4 MPa	250%	Black	Top & Bottom - Plain
RS-30NBR-13565G-BLAPP	30% NBR	1.35 ± 0.05	65° ± 5°	5 MPa	300%	Black	Top & Bottom - Plain
RS-50NBR-14065S-BLAPP	50% NBR	1.40 ± 0.05	65° ± 5°	5 MPa	300%	Black	Top & Bottom - Plain
RS-100NBR-15070S-BLAPP	100% NBR	1.50 ± 0.05	70° ± 5°	5 MPa	200%	Black	Top & Bottom - Plain
RS-100NBR-12565P-BLAPP	100% NBR	1.25 ± 0.05	65° ± 5°	12.5 MPa	400%	Black	Top & Bottom - Plain
RS-NBR-CUS	10-100% NBR	1.20 - 1.50 ± 0.05	40°-75° ± 5°	4-17 MPa	200-500%	Any	Any

G – General Grade | S – Standard Grade | P – Premium Grade | CUS - Custom Design

<b>Standard Thickness</b>	2mm, 3mm, 4mm, 5mm, 6mm, 10mm, 12mm, 15mm, 20mm 25mm
<b>Standard Roll Size</b>	1200mm x 10Mtrs for upto 10mm & 1200mm x 5M for upto 25mm thick
<b>Temperature Range</b>	-30°C to +120°C

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 Nitrile 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
- > Oil and fuel seals
- > Camlock washers
- > Insulating strip
- > Isolation barriers
- > Oil resistant skirting rubber

## 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