

Item Name: Natural Rubber Sheet

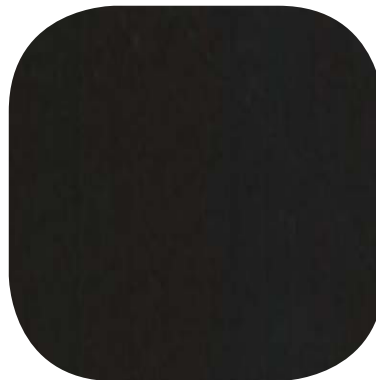
Item Description: Natural Rubber Sheets Suitable for Various Applications

Natural Rubber is derived from latex liquid extracted from rubber plantations. It has **excellent mechanical properties, low compression set and high resilience**. It is very **flexible and highly resistant to cut, tear and abrasion**. It has an **operating temperature range of -30°C to +70°C** and is available in **hardness ranging from 30° to 80° Shore A**.

They are **resistant to water, most acids, alkalis and salts**. However, they are **not recommended for use in areas coming in contact with oils and hydrocarbons**. They can be compounded to achieve superior abrasion resistance for use as anti-abrasion lining specially for mining applications. Rubber sheets with smooth or fabric surface finish (one or both sides) and one or more piles of fabric insertion can be provided on request.

Applications:

- Gaskets & Packing Material
- Anti-abrasion Rubber Linings for Materials Handling
- Skirt-Board/Belt Wiper
- Bridge Bearing Pads
- Shot Blasting
- Chute Lining
- Floor Covering
- Vibration isolators & Seals



Smooth Finish



Fabric Finish

Natural Rubber Sheets - Commercial & Standard Grade							
Product Code	Specific Gravity (gm/cm ³)	Hardness (+/- 5° Shore A)	Tensile Strength (min. Kg/cm ²)	Elongation at Break (min. %)	Abrasion (Max. mm ³)	Compression Set at 70°C for 22hrs (%)	Temp. Range (°C)
NR 16070C	1.60	70	15	150	---	---	-10 to +70
NR 16060C	1.60	60	20	175	---	---	-10 to +70
NR 14570S	1.45	70	40	200	450	55	-30 to +70
NR 14565S	1.45	65	50	250	450	55	-30 to +70
NR 14555S	1.45	55	50	275	400	55	-30 to +70
NR 14545S	1.45	45	70	300	350	55	-30 to +70

C - Commercial Grade | S - Standard Grade | P - Pure/Special Grade \ CD - Custom Design

Natural Rubber Sheets - Pure/Special & Custom Grade

Product Code	Specific Gravity (gm/cm ³)	Hardness (+/- 5° Shore A)	Tensile Strength (min. Kg/cm ²)	Elongation at Break (min. %)	Abrasion (Max. mm ³)	Compression Set at 70°C for 22hrs (%)	Temp. Range (°C)
NR 12070P	1.20	70	160	350	200	35	-10 to +70
NR 12065P	1.20	65	150	500	200	35	-10 to +70
NR 12055P	1.20	55	150	550	175	35	-30 to +70
NR 11045P	1.10	45	150	600	150	35	-30 to +70
NR 11040P	1.10	40	150	650	150	35	-30 to +70
NR CD (Custom)	1.10 to 2.00	30 to 80	15 to 240	150 to 750	100 to 500	30 to 55	-30 to +70

Abrasion Resistant Rubber Sheets

Product Code	Specific Gravity (gm/cm ³)	Hardness (+/- 5° Shore A)	Tensile Strength (min. Kg/cm ²)	Elongation at Break (min. %)	Abrasion (Max. mm ³)	Compression Set at 70°C for 22hrs (%)	Temp. Range (°C)
AR 14065S	1.40	65	50	250	250	35	-30 to +70
AR 14055S	1.40	55	70	300	225	35	-30 to +70
AR 14045S	1.40	45	70	350	200	35	-30 to +70
AR 12065P	1.20	65	170	500	150	30	-30 to +70
AR 12060P	1.20	60	160	550	150	30	-30 to +70
AR 11555P	1.15	55	150	600	125	30	-30 to +70
AR 11045P	1.10	45	150	650	100	30	-30 to +70
AR 11040P	1.10	40	150	700	100	30	-30 to +70

Shot Blasting Rubber Sheets

Product Code	Specific Gravity (gm/cm ³)	Hardness (+/- 5° Shore A)	Tensile Strength (min. Kg/cm ²)	Elongation at Break (min. %)	Abrasion (Max. mm ³)	Compression Set at 70°C for 22hrs (%)	Temp. Range (°C)
SB 14555S	1.45	55	80	300	250	40	-30 to +70
SB 14545S	1.45	45	80	350	250	40	-30 to +70
SB 12055P	1.20	55	120	450	150	35	-30 to +70
SB 12045P	1.20	45	120	500	150	35	-30 to +70

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PRODUCT INFORMATION SHEET

Shot Blasting Rubber Sheets

Product Code	Specific Gravity (gm/cm ³)	Hardness (+/- 5° Shore A)	Tensile Strength (min. Kg/cm ²)	Elongation at Break (min. %)	Abrasion (Max. mm ³)	Compression Set at 70°C for 22hrs (%)	Temp. Range (°C)
SK 15065S	1.50	65	50	250	250	45	-30 to +70
SK 15055S	1.50	55	50	275	250	45	-30 to +70
SK 15045S	1.50	45	50	300	250	45	-30 to +70
SK 12065P	1.20	65	80	350	200	40	-30 to +70
SK 12055P	1.20	55	80	375	200	40	-30 to +70
SK 12045P	1.20	45	80	400	175	40	-30 to +70

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Standard Sizes	1) 1000mm Wide x 6-10Metres Length (Calender Finish) 2) 1.0 Mtr. Wide x 2.0 Mtr. Long (Press Finish)
Custom Size	Max. width upto 2400mm, length upto 20M and thickness from 1mm to 100mm available on request (Press Finish)
Standard Colour	Off-white (Black, Red, Blue & other colours available on request subject to availability.)
Surface Finish	1) SS - Both Side Smooth (Standard) 2) SF - One Side Smooth / Other Side Fabric Finish 3) FF - both Side Fabric Finish
Manufacturing Tolerance	±10% on thickness, ±5% on length, ±2% on width.

Note	Sheets can be supplied with fabric insertion in cotton, nylon, polyester, glass fibre etc.
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Minimum Ordering Information Required	<ul style="list-style-type: none"> • Dimension (Length x Width x Thickness) • Application/End Use • Working Temperature in °C • Tensile Strength & Elongation at Break • Hardness • Specific Gravity • Abrasion Resistance • Colour • Surface Finish • Total Quantity Required
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The data on this page represent typical values. Since application variables are a major factor in product performance, this information should serve only as a guideline. We assume no obligation or liability for use of this information. Unless we agree otherwise in writing, we make no warranties, express or implied, and disclaim all implied warranties. We shall not be liable for any special, incidental or consequential damages. We reserve the right to change product design and properties without notice.