

**Item Name:** Nitrile Rubber Sheet

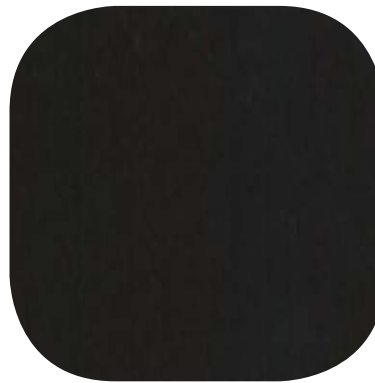
**Item Description:** Nitrile Sheets Suitable for Oil Applications

**Nitrile Rubber (Acrylonitrile Butadiene Rubber)** is a co-polymer of butadiene and acrylonitrile. It is a unique rubber polymer having excellent resistance to majority of oil and solvents. It is also suitable for use in the floor industry.

It has medium to high tensile strength, compression set, flexibility and impermeability to gases and is resistant to most inorganic and organic chemical products other than antioxidants agents and chlorine. It has an operating temperature range of -30°C to +120°C. Due to its polar nature, we do not recommend use with polar liquids like ketones, ethers and amines.

**Applications/Use:**

- Various Types Of Gaskets in Petroleum Industry
- Covering for Areas Exposed to oil and Fuel.
- Various Seals & Joints
- Food Grade Application
- Base Sheet for Electrical Transformers



**Smooth Finish**



**Fabric Finish**

Product Code	Specific Gravity (gm/cm <sup>3</sup> )	Hardness (+/- 5° Shore A)	Tensile Strength (min. Kg/cm <sup>2</sup> )	Elongation at Break (min. %)	Oil Swell in ASTM Oil No. 903 (%)	Compression Set at 70°C for 22hrs (%)	Temp. Range (°C)
NB 16070C	1.60	70	20	150	30	----	-30 to +70
NB 16060C	1.60	60	25	175	30	----	-30 to +70
NB 15070S	1.50	70	50	200	25	45	-30 to +120
NB 15060S	1.50	60	50	225	25	45	-30 to +120
NB 13070P	1.30	70	100	250	15	35	-30 to +120
NB 13060P	1.30	60	100	300	15	35	-30 to +120
NB 13050P	1.30	50	100	350	15	35	-30 to +120
NB CD (Custom)	1.10 to 1.80	40 to 80	20 to 150	150 to 500	15 to 30	35 to 55	-30 to +120

C - Commercial (30% Nitrile) | S - Standard (50% Nitrile) | P - Pure/Special (100% Nitrile) | CD - Custom Design

<b>Standard Sizes</b>	1) 1.2 Mtr. Wide x 10.0 Mtr. Long. 2) 1.0 Mtr. Wide x 2.0 Mtr. Long.
<b>Custom Size</b>	Max. width upto 2400mm, length upto 20M and thickness from 1mm to 100mm available on request.
<b>Standard Colour</b>	Black (Red, Blue & other colours available on request subject to availability.)
<b>Surface Finish</b>	1) SS - Both Side Smooth (Standard) 2) SF - One Side Smooth / Other Side Fabric Finish 3) FF - both Side Fabric Finish
<b>Manufacturing Tolerance</b>	±10% on thickness, ±5% on length, ±2% on width.
<b>Note</b>	Sheets can be supplied with fabric insertion in cotton, nylon, polyester, glass fibre etc.
<b>Minimum Ordering Information Required</b>	<ul style="list-style-type: none"> <li>• Dimension (Length x Width x Thickness)</li> <li>• Application/End Use</li> <li>• Working Temperature in °C</li> <li>• Tensile Strength &amp; Elongation at Break</li> <li>• Hardness</li> <li>• Specific Gravity</li> <li>• Oil Swell</li> <li>• Grade/Purity</li> <li>• Colour</li> <li>• Surface Finish</li> <li>• Total Quantity Required</li> </ul>

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.