



EUROPEAN  
SEALING  
TECHNOLOGY  
Seals for industry

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## NBR SHEET PRODUCT

### PROPERTIES

**Type**

Acrylonitrile Butadiene, Nitrile Rubber, Buna N Rubber

**Colour**

Black

**Hardness**

70° (+/-5°) Shore 'A'

**Specific Gravity**

1.5 g/cm<sup>3</sup>

**Tensile Strength**

≥ 8MPa

**Elongation at Break**

≥ 350%

**Tear Resistance**

≥ 30 N/mm

**Temperature Range****In air :**

-20°C to 100°C

**In Oil:**

Max 100°C

**In water/Steam:**

Max 90°C

### Chemicals and physicals characteristics

**Advantages in performance...**

For abrasion resistance, capability to recover after deformation (compression set), and tear resistance, gas permeability, and water resistance.

NBR is suitable for animal & vegetable oils, aliphatic hydrocarbon fuels, LP gases & fuel oils, mineral oils, non-aromatic petroleum, and certain solvents.

**Limitations in performance...**

NBR is not suitable for concentrated acids, concentrated organic acids, aldehydes, concentrated alkalis, amines, brake fluids, alkyl phosphate esters, aryl phosphate esters, ethers, halogenated solvents, halogenated hydrocarbons, and ketones. NBR is also not suitable for flame resistance and sunlight resistance.