



EUROPEAN
SEALING
TECHNOLOGY

Seals for industry

NR SHEET

NATURAL RUBBER

Technical data sheet



European Sealing Technology - Industrial sealing solutions

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NR SHEET PRODUCT

PROPERTIES

Type

Natural Rubber

Colour

Black or Beige (on request)

Hardness

40° (+/-5°) Shore 'A'

Specific Gravity

1.55 g/cm³

Tensile Strength

≥ 20MPa

Elongation at Break

≥ 550%

Tear Resistance

≥ 40 N/mm

Temperature Range

In air :

Max 70°C

In Oil:

NA

In water/Steam:

Max 70°C

Chemicals and physicals characteristics

Advantages in performance...

Natural rubber has excellent tensile, elongation, tear resistance, resilience, and electrical insulation.

Limitations in performance...

Natural rubber deteriorates when exposed to oils, fuels, solvents, petroleum derivatives, and hydraulic fluids. Without special additives, natural rubber has poor resistance to sunlight, oxygen, ozone, and high temperatures.