



per una tenuta perfetta

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NBR RUBBER TECHNICAL DATA SHEET

NBR (nitrile rubber) gaskets have good resistance to oils, mineral grease, vegetable fats and hydrocarbons. It has good mechanical properties.

Maximum operating temperature 100 °C. Shore A hardness 70 ± 5.

Specific gravity:

-) 1.50 g/cm³

Tensile strength:

-) 8.0 Mpa

Pressure:

-) 6 bar

Elongation:

-) 350 %

Resistance to tearing:

-) 30 N/mm

Temperature:

-) air: -20 °C +100 °C

-) oil: +100 °C

-) water: +90 °C

ASTM factors:

-) for elastomers with hardness less than 75 Shore m=0.50 y=0.00 psi

-) for elastomers with a hardness greater than or equal to 75 Shore m=1.00
y=200 psi

-) for reinforced elastomer m=1.25 y=400 psi

Developed: Technical department

Approved: D.G.

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Cap.Soc. € 98.800,00 i.v.

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