



## DATA/SPECIFICATION SHEET



# Nitrile (NBR)

## DESCRIPTION

Nitrile compounds are very widely used general purpose sealing materials with the benefit of good mechanical properties, reasonable resilience, good wear properties and resistance to most mineral-based oils and greases. Also suitable for use with water, fire resistant hydraulic fluids (types: HFA, HFB and HFC), many dilute acids, LPG, diesel fuel and other fuel oils. It therefore finds very wide application across many sectors of industry for both static and dynamic seals.

## Industrial Quality NBR

Hardness	65+/-5 Shore A
Elongation	250%
Tensile Strength	5 Mpa
Density	1.5g/cm <sup>3</sup>

## SERVICE

**Resistant to:** Mineral oils and greases, LPG, fuel oils, water, dilute acids, water and glycol-based hydraulic fluids, vegetable oils.

**Not suitable for:** Aromatic hydrocarbons (benzene, high octane gasoline, etc.), polar solvents, glycol-based brake fluid, ozone and weather ageing, strong acids, high temperatures.

All technical information and advice given here is based on our previous experiences and/or test results. We give this information to the best of our knowledge, but assume no legal responsibility. Customers are asked to check the suitability and usability in the specific application, since the performance of the product can only be judged when all necessary operating data are available. For Detailed selection criteria, technical information, installation guidelines and the complete listing of our business support, please contact Masterpac Engineering or send email to [enquiry@mpac-asia.com](mailto:enquiry@mpac-asia.com).

## Masterpac-Asia Company Limited

Address: 135/18 Amornphan 205 Tower 2 Bldg., 8th Flr., Soi Nathong, Ratchadaphisek Rd.,  
Din-Daeng District, 10400, Bangkok, THAILAND

Tel: (+66) 02-689-5393 to 6

Website: [www.mpac-asia.com](http://www.mpac-asia.com)

Email : [enquiry@mpac-asia.com](mailto:enquiry@mpac-asia.com)