FEATURES

- Standard Width: 1000mm
- Width Range: 100mm - 2000mm
- Length: 10m
- Thickness: From 1mm to 50mm
- Standard Color: Black
- Work Temperature: -40°C - +125°C

Peroxide Cured NBR
Peroxide cured NBR is excellent for long term severe applications where exposure to heat, oil and with exceptional compression set.

ChangRubber peroxide cured NBR rubber sheet with minimum 13mpa is very suitable for extreme applications, it’s oil resistant is superb even application with mineral oil class III equivalent. Unlike usually sulfure cured NBR rubber sheet, peroxide cured NBR rubber sheet provides better heat resistance, lower compression sets and better mineral oil resistant.

Peroxide cured NBR rubber sheet serve temperature range from -40 to +125 degree celsius, this peroxide cured NBR rubber is ideal application in automotive, power plant industry, aircraft industry, drywell heads, pool gates and etc.

Advantage
- Better compression set
- Higher working temperature up to 125 Celsius
- Heat Stability

Applications
- Automotive - Power train systems
- Oil & Gas Industry - Animal oil
- Aerospace - Fuel systems
- Fluid power - Dilute acids
- Transmission belts - Food grade
### MATERIAL SPECIFICATIONS

**SPECIFICATION** | **TEST METHOD** | **TEST RESULT** | **UNIT**
--- | --- | --- | ---
Specific Gravity | ASTM D297 | 1.26 | g/cm³
Hardness | ASTM D2240 | 60 +/-5 | Shore A
Tensile Strength | ASTM D-412 | 13 | MPa
Elongation | ASTM D-412 | 350 | %
Tear Strength | ASTM D-624 | 30 | kgf/cm
Compression Set  
(22 Hours at 70 °C) | ASTM D-395 | <20 | %

**HEAT RESISTANCE AGING OIL 903 (72 HOURS AT 100°C)**

**SPECIFICATION** | **TEST METHOD** | **TEST RESULT** | **UNIT**
--- | --- | --- | ---
Hardness | ASTM D2240 | -5  +10 | Shore A
Tensile Strength | ASTM D-412 | -40 | %
Elongation | ASTM D-412 | -40 | %
Volume Change | ASTM D-412 | +25 | %

**WORKING TEMPERATURE**

**SPECIFICATION** | **TEST METHOD** | **TEST RESULT** | **UNIT**
--- | --- | --- | ---
In Air |  | -40 °C | +125 °C
In Oil |  |  | +120 °C
In Water |  |  | +125 °C

**MAIN CHARACTERISTICS**

| ELASTICITY | COMPRESSION | ABRASION | FLAME | FUELS | OZONE |
--- | --- | --- | --- | --- | ---
Good | Excellent | Poor | Poor | Excellent | Fair |

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**CHANG RUBBER DEVELOPMENT CO., LTD.**

[www.changrubber.co.th](http://www.changrubber.co.th)