



DURATUF®

Technical Data Sheet

Premium Natural Rubber Sheet

NITRI65 MAX

Model: RS-NITR(M)-NBR13065

Product Overview

Nitri65 Max is Duratuf's premium nitrile rubber sheet with 100% NBR content, engineered for maximum resistance to oils, fuels, greases, and aggressive chemicals. Ideal for sealing, insulation, and lining in critical applications, it delivers exceptional performance under extreme temperatures, high pressures, and dynamic loads. With superior mechanical strength and extended service life, it is the go-to solution for oil & gas, petrochemical, and automotive industries, trusted by OEMs and global manufacturers for safety compliance and durability.

Features



Ultra-Pure Nitrile
formulation



Precision sealing in
harsh conditions



Maximum protection
in critical applications



Quality product,
fewer replacements



Applications

- High-performance gaskets in fuel and oil systems
- Hydraulic system sealing and insulation
- Oil and gas plant flooring and anti-leak lining
- Chemical containment zone base sheets
- Explosion-proof equipment housing seal
- Fuel tank lining and sump base protection
- Heavy-duty anti-vibration mounts in oil rigs

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MEASURED PROPERTIES	TESTING STANDARD	SPECIFIED VALUES	OBSERVED VALUES
PHYSICAL & MECHANICAL PROPERTIES			
Tensile Strength	ASTM D412	10.0 MPa (Min)	10.4 MPa
Elongation at Break	ASTM D412	300% (Min)	315%
Hardness	ASTM D2240	65° ± 5° Shore A	67° Shore A
Specific Gravity	ASTM D297	1.30 ± 0.05	1.32
Working Temperature	-	-30 °C to +110 °C	Conforms

CHEMICAL RESISTANCE				
Ozone	Dilute Acids & Bases	Conc. Acids & Bases	Oils	Solvents
Fair	Good	Moderate	Excellent	Good

IDENTIFICATION	
Branding	Duratuf
Colour	Black
Grade	Max
Polymer	Nitrile (NBR)
Polymer Content	100%
Finish	Top & bottom plain
Packaging	With white coloured HDPE woven fabric
Labelling	Label indicating Product Name, Dimensions, Batch No., Mfg. Month & Year, Quantity, and Package No. to allow traceability

Note: Manufacturing tolerance of ± 10% on thickness, ± 2% on width and length and ±10% on weight shall be applicable.

Duratuf Rubber Sheet Features	Benefit to the customers
Uniform thickness and dimensional stability	Precision in gasketing, sealing, or fabrication
Retains elasticity over prolonged use	Supports longer service intervals
Batch-wise quality assurance	Justifies your procurement ROI and budget planning
Allows accurate cutting, punching, and bonding	Improves installation speed and finish quality
Traceable packaging with QRs and well-defined product labels	Simplifies quality tracking, and inventory management



Nitrile rubber can withstand petroleum oil concentrations up to 90%, outperforming natural rubber and many synthetics in fuel-resistant applications, which is why it's the standard for automotive fuel lines.

(Source: Source: ASTM D2000)



Industries that require Nitri65 Max

Nitri65 Max is the optimal choice for oil & gas, petrochemical, automotive, and high-risk industrial environments.

Ideal storage conditions for Nitri65 Max

- Store in a cool, dry place with temperature between 10°C and 25°C
- Avoid direct sunlight to prevent degradation from UV exposure
- Keep away from ozone sources like electric motors or high-voltage equipment
- Avoid contact with oils and solvents to safeguard material integrity
- Store flat or loosely rolled to prevent deformation or creasing
- Use within 12 months, as it ensures optimal performance and longevity



Ordering Information

Please provide the following details for accurate order processing

Application

End use or industry
(e.g., gasketing, flooring)

Base Material

Required rubber type
(e.g., EPDM, Neoprene)

Dimensions

Length, width
and thickness

Work Environment

Temperature range
or chemical exposure etc

Quantity

Total quantity and
any customization needed.



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