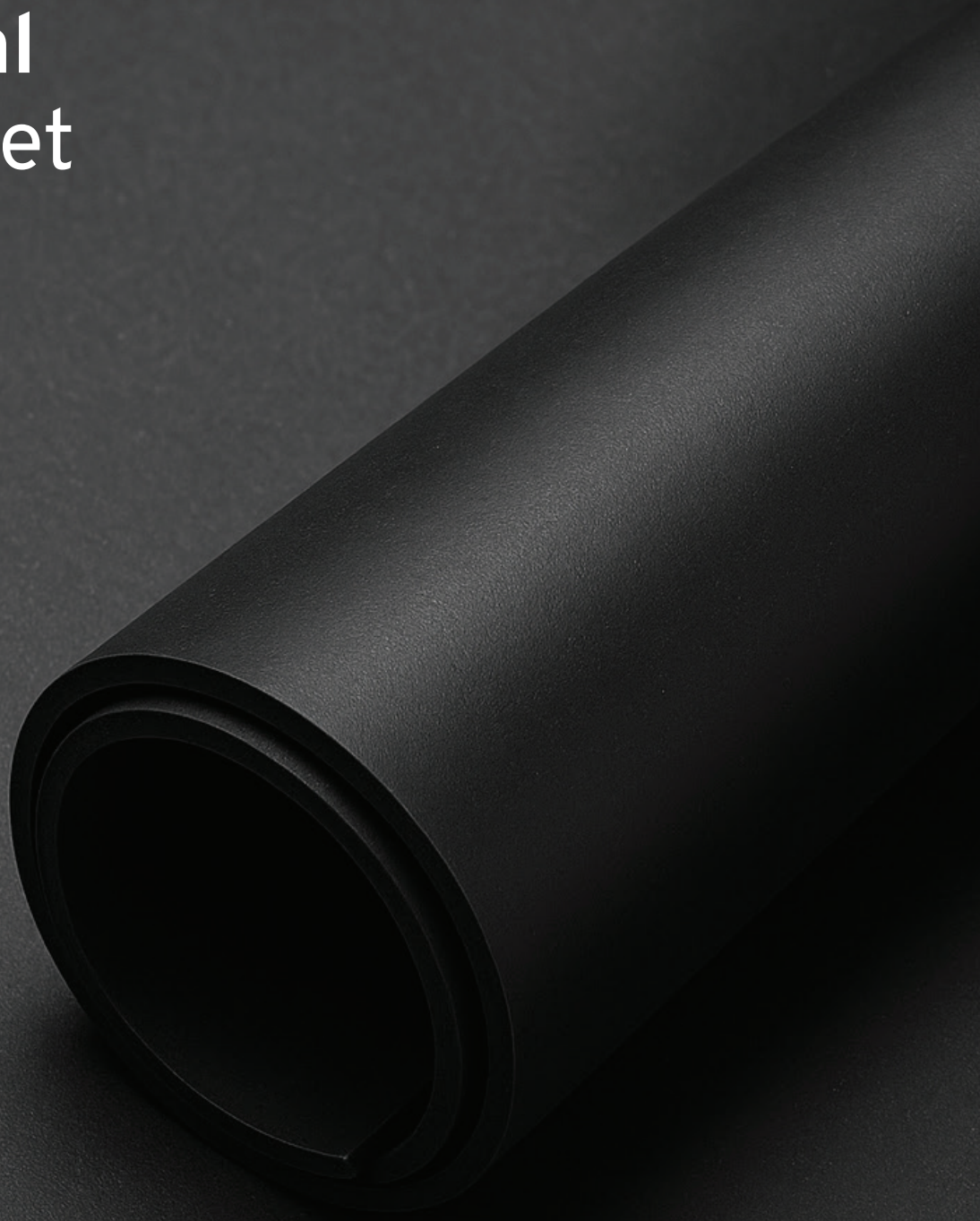




# Technical Data Sheet



Premium Natural Rubber Sheet

## NEO65 MAX

Model: RS-NEO(M)-CR14565



## Product Overview

Neo65 Max is a premium-grade rubber sheet composed of 100% chloroprene rubber, designed for high performance in challenging environments. It exhibits excellent tensile strength, elongation, and resilience, along with strong resistance to weathering, oil contact, and moderate chemical exposure. The material maintains integrity under dynamic loads and temperature variations, while its smooth surface finish on both sides supports ease of handling and fabrication. Neo65 Max is a reliable choice where consistency, durability, and mechanical performance are essential.

## Features



Ultra-Pure Chloroprene  
Formulation



Engineered for Extreme  
Environments



Lifetime-Grade  
Mechanical Integrity



Minimized product  
failure in critical sealing



## Applications

- Heavy-duty gasket manufacturing
- Oil-resistant flooring in workshops
- Marine and dock fender linings
- Seals in fuel handling equipment
- Automotive underbody and hood insulation
- Conveyor belt side skirts
- Vibration control in power plant machinery

# Technical Data

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MEASURED PROPERTIES	TESTING STANDARD	SPECIFIED VALUES	OBSERVED VALUES
PHYSICAL & MECHANICAL PROPERTIES			
Tensile Strength	ASTM D412	10.0 MPa (Min)	10.6 MPa
Elongation at Break	ASTM D412	350% (Min)	368%
Hardness	ASTM D2240	65 ± 5 °Shore A	66 °Shore A
Specific Gravity	ASTM D297	1.45 ± 0.05	1.46
Working Temperature	-	-30 °C to +100 °C	Conforms

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

IDENTIFICATION	
Branding	Duratuf
Colour	Black
Grade	Max
Polymer	Chloroprene (CR)
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



### DID YOU KNOW?

Chloroprene rubber, commonly known as neoprene was the first widely produced synthetic rubber, developed in the 1930s. Its unique molecular structure provides exceptional resistance to oil, ozone, and weathering, making it ideal for durable industrial seals and hoses.

(Source: Rubber Technology Handbook)





### Industries that require Neo65 Max

Neo65 Max is the optimal choice for demanding industrial, automotive, and marine applications where long-term reliability is essential.

#### Ideal storage conditions for Neo65 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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