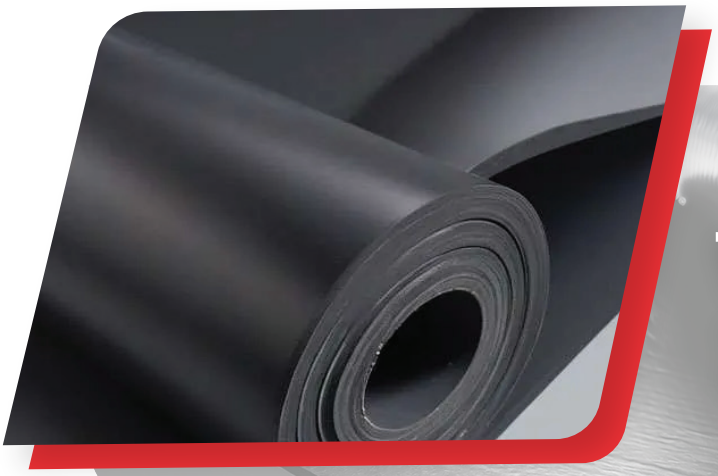
DURATUF®

NEO65 PRO



Technical Data

Chloroprene Rubber Sheet (Neo65 Pro)

Neo65 Pro

Model: RS-NEO(P)-CR14565

Neo65 Pro is a high-performance Chloroprene rubber sheet formulated with 50% chloroprene content, engineered for medium to heavy-duty industrial applications.

It offers strong mechanical properties, including excellent tensile strength and elongation, with stable performance across a wide temperature range.

The sheet demonstrates reliable resistance to weathering, ozone, aging, and moderate chemical exposure. Its durability and flexibility make it suitable for mechanical insulation, vibration dampening, gasketing, and protective lining in demanding operational environments.

In medium-duty scenarios, Neo65 Pro stands out for its ease of fabrication and compatibility with adhesives & mechanical fastening methods, simplifying installation across various setups.

It retains performance in semi-dynamic environments where moderate movement and thermal variation are present. Additionally, its low compression set and dimensional stability make it ideal for applications requiring consistent sealing and cushioning over time, such as HVAC flange seals, enclosure linings, and industrial workstations.

PRODUCT FEATURES

High chloroprene content
Formulated with 50% chloroprene for superior mechanical and chemical resistance

Proven mechanical strength
Withstands stress and deformation in medium to heavy-duty applications

Thermal Stability
Maintains consistent properties across high and low temperature extremes

Weathering & Ozone Resistance
Suitable for semi-exposed and outdoor setups without surface degradation

Compression Resilience
Retains shape and function under repeated load cycles

Moderate Chemical Resistance
Performs reliably in contact with dilute acids, alkalis, and industrial chemicals

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)

www.duratufproducts.com
info@duratufproducts.com

Edition: TDS-RS-NEO(P)-CR14565-R0-01-06-2025

DURATUF®

NEO65 PRO

MEASURED PROPERTIES	TESTING STANDARD	SPECIFIED VALUES	OBSERVED VALUES
PHYSICAL & MECHANICAL PROPERTIES			
Tensile Strength	ASTM D412	5.0 MPa (Min)	5.5 MPa
Elongation at Break	ASTM D412	250% (Min)	267%
Hardness	ASTM D2240	$65^0 \pm 5^0$ Shore A	67^0 Shore A
Specific Gravity	ASTM D297	1.40 ± 0.05	1.42
Working Temperature	-	-30 °C to +90 °C	Conforms

CHEMICAL RESISTANCE				
Ozone	Dilute Acids & Bases	Conc. Acids & Bases	Oils	Solvents
Fair	Good	Fair	Fair	Not Recommended

IDENTIFICATION	
Branding	Duratuf
Colour	Black
Grade	Pro
Polymer	Chloroprene (CR)
Polymer Content	50%
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.

Applications	
	• High-performance gasket and washer making • Insulation in HVAC and ducting systems • Vibration pads in motor and pump assemblies • Tool tray and workshop liners • Oil splash guards in semi-heavy machinery • Protective covers in mechanical setups • Flexible partitions in factory environments

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.

Scan to Access
Rubber Sheets Resources

Scan to Connect
Rubber Sheets Expert

Scan to Play
Rubber Sheets Trivia

www.duratufproducts.com
info@duratufproducts.com

Edition: TDS-RS-NEO(P)-CR14565-R0-01-06-2025