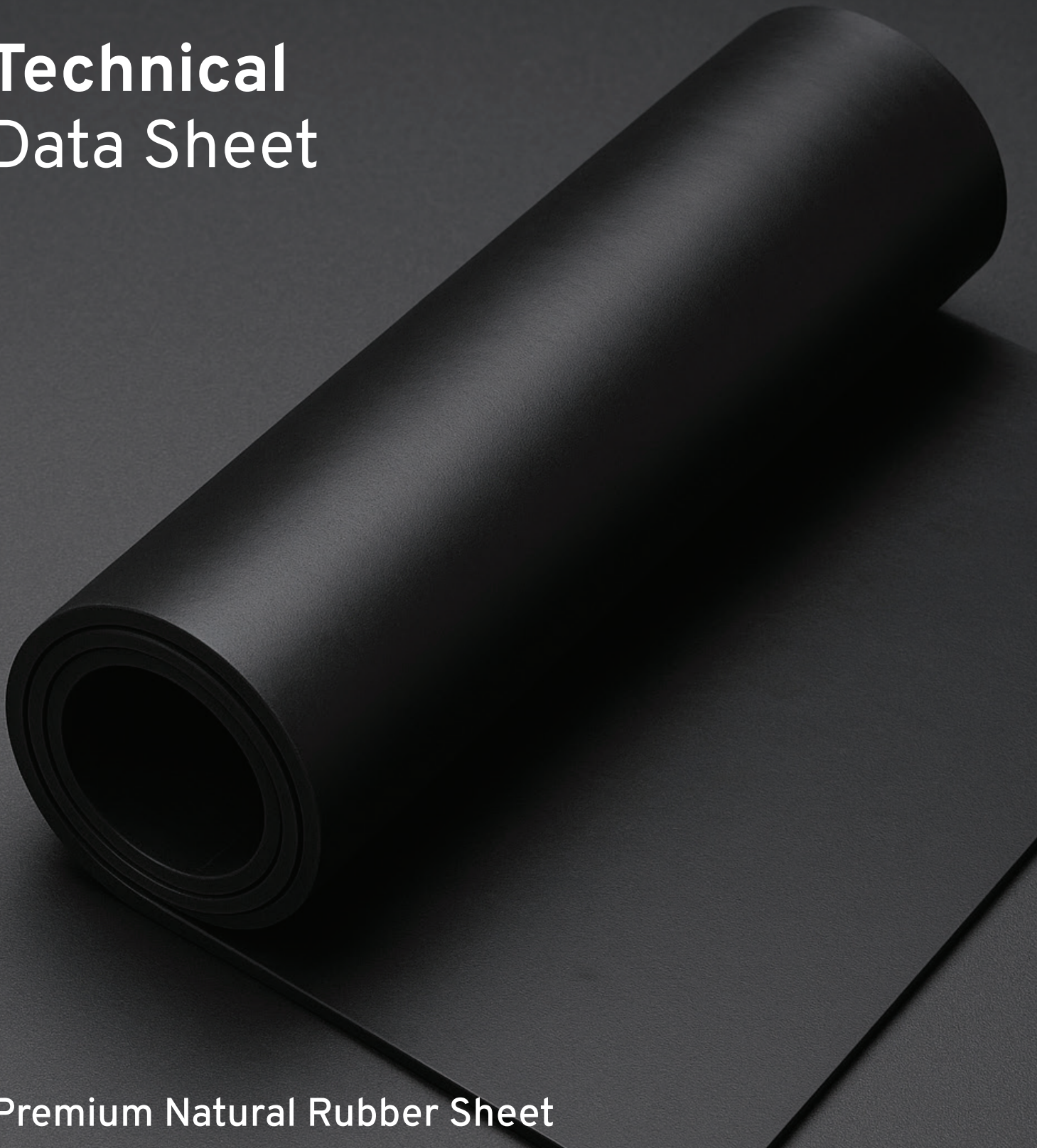


DURATUF®

Technical Data Sheet



Premium Natural Rubber Sheet

DURABLAST45 MAX

Model: RS-DBLS(M)-NR13045

Product Overview

DuraBlast45 Max is Duratuf's premium soft-grade natural rubber sheet with a Shore A hardness of 45, offering excellent flexibility, resilience, and impact-absorbing capabilities. Formulated for non-oily industrial environments, it combines soft cushioning with high tensile strength and elongation, making it ideal for sealing, padding, anti-vibration, and shock-absorbing applications. Available in both classic black and high-visibility color variants (Tan, Off White, Red), it supports both functional and aesthetic requirements.

Features



Soft Cushioning with
High Strength



Impact protection
for delicate machines



Reliable performance
in clean zones



Compatibility with
die-Cut or manual shaping

Applications



- Protective surface covers for sand/shot blasting workstations
- Impact-absorbing pads in packing and assembly lines
- Noise dampening sheets for light-machinery rooms
- Vibration control liners for conveyor support systems
- Protective surface covers for workstations or inspection
- Tables, visual zoning or branding panels in shop floors (Color Variant)
- Base cushions for shelves, racks, or operator platforms

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MEASURED PROPERTIES	TESTING STANDARD	SPECIFIED VALUES	OBSERVED VALUES
PHYSICAL & MECHANICAL PROPERTIES			
Tensile Strength	ASTM D412	10.0 MPa (Min)	10.5 MPa
Elongation at Break	ASTM D412	350% (Min)	381%
Hardness	ASTM D2240	45° ± 5° Shore A	47° Shore A
Specific Gravity	ASTM D297	1.30 ± 0.05	1.32
Working Temperature	-	-20 °C to +70 °C	Conforms

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

IDENTIFICATION	
Branding	Duratuf
Colour	Black, Tan, Off White, Red
Grade	Max
Polymer	NR/SBR
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?

Rubber sheets used in shot and sand blasting protect equipment by absorbing high-velocity impacts and abrasion, extending nozzle and blast cabinet life by up to 3x compared to metal liners.

(Source: Abrasive Engineering Journal)



Industries that require DuraBlast45 Max

DuraBlast45 Max is the optimal choice for clean, non-oily industrial environments where resilience, aesthetics, and performance are equally important.

Ideal storage conditions for DuraBlast45 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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