

DURATUF®

Technical Data Sheet



Premium Conveyor Accessories

DURAPULLEY60 MAX

Model: CA-DPUL(M)-NR11560-CS

Product Overview

DuraPulley60 Max is Duratuf's high-performance pulley lagging rubber sheet, manufactured from 100% premium-grade natural rubber for unmatched tensile strength, outstanding elongation, and superior abrasion resistance. Designed specifically for high-stress conveyor drive pulleys, it ensures maximum traction, minimizes slippage, and withstands extreme mechanical loads in abrasive operating environments. Its robust composition delivers extended service life and operational continuity, even under high-tension, high-speed, and heavy-duty conditions.

Features



100% natural rubber compound



Textured back for enhanced metal bonding



Available in diamond or plain surface



Reliable traction in harsh conditions

Applications



- Drive pulley lagging in mining & mineral processing conveyors
- Heavy-duty belt systems in steel and foundry plants
- Pulley coverings for port handling of coal, iron ore & bulk cargo
- Cement and aggregate processing conveyor systems
- Thermal & hydro power plant material handling belts
- Fertilizer and sugar industry high-capacity conveyors
- Any environment demanding premium-grade lagging under stress

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MEASURED PROPERTIES	TESTING STANDARD	SPECIFIED VALUES	OBSERVED VALUES
PHYSICAL & MECHANICAL PROPERTIES			
Tensile Strength	ASTM D412	15.0 MPa (Min)	15.2 MPa
Elongation at Break	ASTM D412	450% (Min)	480 %
Hardness	ASTM D2240	60° ± 5° Shore A	61° Shore A
Specific Gravity	ASTM D297	1.15 ± 0.05	1.17
Abrasion Loss (mm³)	ASTM D5963	150 mm³ (Max)	140 mm³
Working Temperature	-	-30 °C to +70 °C	Conforms

CHEMICAL RESISTANCE

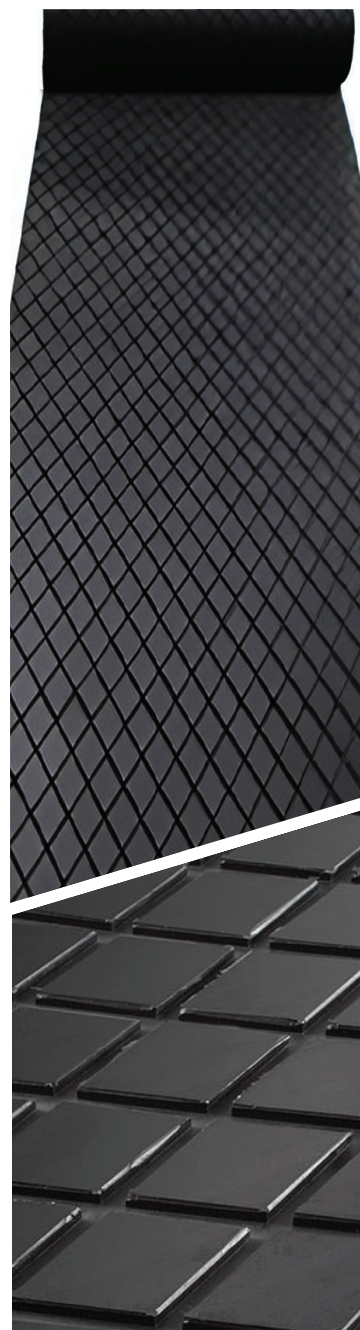
CHEMICAL RESISTANCE				
Ozone	Dilute Acids & Bases	Conc. Acids & Bases	Oils	Solvents
Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended

IDENTIFICATION

Branding	Duratuf
Colour	Black
Grade	Max
Polymer	NR/SBR
Finish	Top - Diamond/Plain & Bottom - Textured
Packaging	With white coloured HDPE woven fabric
Labelling	Label indicating Product Name, Dimensions, Batch No., Mfg. Month & Year, Quantity, and Package No. for full 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	Ensures precision in lagging installation and fabrication
Outstanding abrasion resistance	Extends pulley lifespan under high-wear conditions
Batch-wise quality assurance	Guarantees dependable performance and procurement confidence
Textured adhesion surface	Enhances bonding strength and reduces installation effort
Traceable packaging with QR labels	Improves inventory management and quality tracking



Industries that require DuraEdgeGuard40 Max

Used in mining, steel, port handling, cement, power generation, and fertilizer industries for high-load conveyor drive pulleys. Ideal where extreme wear, wet/dusty conditions, and uninterrupted material flow demand superior grip, reduced slippage, and extended pulley lifespan.

Ideal storage conditions for DuraPulley60 Max

- Store in a cool, dry location (10°C–25°C)
- Avoid direct sunlight and prolonged UV exposure
- Keep away from ozone-generating equipment
- Prevent contact with oils, solvents, or chemicals
- Store flat or loosely rolled to maintain sheet integrity
- For best results, use within 12 months from manufacture



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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