



Technical Data

Conveyor Accessories (DuraEdgeGuard45 Pro)

DuraEdgeGuard45 Pro

Model: CA-DEGD(P)-NR12050-BLAPP-CD

DuraEdgeGuard45 Pro is a premium-grade skirt board rubber sheet designed to meet the rigorous demands of modern bulk material handling systems. Engineered with a superior blend of NR/SBR compounds, it delivers enhanced mechanical resilience, excellent sealing capability, and extended service life in high-load and high-speed conveyor operations.

Its optimal Shore A hardness and flexibility allow it to absorb heavy impacts while resisting edge wear, deformation, and surface cracking. This balance of strength and elasticity ensures stable sealing, preventing material spillage and protecting conveyor belts from abrasive damage.

Built for critical environments that require continuous uptime, **DuraEdgeGuard45 Pro** significantly reduces maintenance frequency and system downtime. Whether in mining, steel, cement, or port operations, it is the go-to solution for plants prioritizing durability, safety, and operational efficiency.

PRODUCT FEATURES



Belt-Friendly Grip

Soft yet strong surface that seals without scratching or gouging the belt.



Impact Toughness

Absorbs heavy lump impacts without cracking or splitting.



Spillage Control

Keeps material on the belt, even with uneven loads or misaligned chutes.



Dust Reduction

Helps maintain cleaner, safer work zones by minimizing airborne particles.



Quick Fitting

Easy to cut, shape, and install on-site without special tools.



Extended Service Life

Designed to outlast standard skirt board rubbers in demanding conditions.



DID YOU KNOW?

Skirt board rubber is a key component in bulk handling systems, helping maintain a tight seal between the conveyor belt and loading chute to prevent spillage, protect the belt edges, and keep operations cleaner and safer.



MEASURED PROPERTIES	TESTING STANDARD	SPECIFIED VALUES	OBSERVED VALUES
PHYSICAL & MECHANICAL PROPERTIES			
Tensile Strength	ASTM D412	10 MPa (Min)	10.2 MPa
Elongation at Break	ASTM D412	450% (Min)	466%
Hardness	ASTM D2240	50° ± 5° Shore A	52° Shore A
Specific Gravity	ASTM D297	1.20 ± 0.05	1.22
Abrasion Loss (mm ³)	ASTM D5963	200 mm ³ (Max)	187 mm ³
Working Temperature	-	-20 °C to +70 °C	Conforms

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

IDENTIFICATION	
Colour	Black
Grade	Pro
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. for traceability

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

Applications	<ul style="list-style-type: none"> Skirt boards for iron ore, coal, and mineral conveying in mining and steel plants Edge sealing for aggregate, cement, and clinker handling systems Belt protection in quarry, crushing, and screening plants Conveyor sealing in thermal power plants for coal and fly ash handling Material containment in fertilizer and bulk chemical plants Skirt sealing at port loading and unloading terminals Packaging and logistics centers with high-volume movement.
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