



Technical Data

Natural Rubber Sheet
(Abra40 Pro)

Abra40 Pro

Model: RS-ABRA(P)-NR11040

Abra40 Pro is a medium-duty natural rubber sheet designed for general-purpose abrasion resistance, offering better durability and resilience than lighter-grade versions.

Available in black and color variants (Tan, Off White, Red), it excels in dynamic load environments requiring shock absorption and wear resistance.

While not suitable for oil or solvent exposure, Abra40 Pro performs reliably in dry, mechanical, and high-impact industrial applications, maintaining flexibility across a wide temperature range.

Abra40 Pro provides a balanced solution for environments needing dependable wear resistance without the cost of high-grade options.

Its performance under dynamic loading and wide temperature tolerance make it suitable for routine industrial contact surfaces. Color options help improve layout clarity, ensuring better workplace visibility and safety.

PRODUCT FEATURES



Abrasion resistance

Durable against wear, protecting equipment and flooring in medium-duty environments



Shock absorption and elasticity

Flexible and cushioning, reduces impact and vibration, extending machinery life



Non-marking and color options

Clean surface in black and multiple colors to support hygiene and visual zoning



Temperature Resilience

Maintains flexibility and integrity across wide temperature ranges, including cold



Consistent Performance

Uniform thickness, hardness, and elasticity for reliable use in dynamic applications



Easy Fabrication & Installation

Simple to cut, shape, and bond – ideal for custom gaskets, linings, flooring, and seals



DID YOU KNOW?

Abrasion-resistant rubber sheets can reduce wear rates by up to 80%, significantly lowering maintenance costs and downtime in mining, construction, and material handling industries.

(Source: Wear Science Review)



MEASURED PROPERTIES	TESTING STANDARD	SPECIFIED VALUES	OBSERVED VALUES	
PHYSICAL & MECHANICAL PROPERTIES				
Tensile Strength	ASTM D412	15.0 MPa (Min)	15.8 MPa	
Elongation at Break	ASTM D412	600% (Min)	627%	
Hardness	ASTM D2240	40° ± 5° Shore A	42° Shore A	
Specific Gravity	ASTM D297	1.10 ± 0.05	1.11	
Working Temperature	-	-30 °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	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. to allow 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"> Abrasion-resistant lining for shot blasting cabinets, chutes, hoppers, and conveyor skirts General-purpose gaskets, seals, and vibration pads for dry conditions Flooring and protective mats for warehouses and workshops Colored variants for food-grade and non-marking use Impact absorption in gyms, playgrounds, and recreational areas Machinery base pads to reduce vibration and noise Visual demarcation with color-coded variants in sensitive zones
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Ordering Information

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