

**DURATUF<sup>®</sup>**

# Technical Data Sheet



Premium Natural Rubber Sheet

# ABRA38 MAX

Model: RS-ABRA(M)-NR09838

## Product Overview

Abra38 Max is a high-strength natural rubber sheet built for industrial use where flexibility, durability, and wear resistance are critical. Its superior stretchability and tear resistance make it ideal for dynamic sealing, padding, and impact-prone zones. With a plain finish and consistent surface, it supports easy fabrication and strong adhesion. Abra38 Max is suited for general-purpose use across sectors that demand reliable material performance under stress.

## Features



Softer grade with  
boosted wear resistance



High rebound for  
press/load applications



Visually traceable for  
wear monitoring



Low fatigue under  
continuous motion

## Applications







- Suitable for high-vibration and impact zones like heavy conveyors
- Commonly used in die-cut parts for machine insulation
- Ideal for lining applications where visual inspection is important
- Applied in gaskets, isolators, and bumper pads
- Perfect for load distribution under press or stamping machines
- Preferred in sectors like packaging, steel, and general manufacturing
- Higher performance than “Pro” grade for demanding industrial roles











# Technical Data

## ABRA38 MAX



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|  MEASURED PROPERTIES |  TESTING STANDARD |  SPECIFIED VALUES |  OBSERVED VALUES |
|---|--|--|---|
| PHYSICAL & MECHANICAL PROPERTIES  |  |  |   |
| Tensile Strength  | ASTM D412  | 24.0 MPa (Min)   | 24.6 MPa  |
| Elongation at Break   | ASTM D412  | 800% (Min)   | 810%  |
| Hardness  | ASTM D2240   | 38° ± 5° Shore A   | 39° Shore A   |
| Specific Gravity  | ASTM D297  | 0.98 ± 0.05  | 0.98  |
| 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    | Red/Pink   |
|  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  |



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: Source: Wear Science Review)



### Industries that require Abra38 Max

Abra38 Max is the optimal choice for packaging & material handling, steel & metal fabrication, pulp & paper, etc that require soft yet durable rubber for impact absorption, vibration control, and visual safety

#### Ideal storage conditions for Abra 38 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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