

## RH Nuttall Limited

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# Material Specification Sheet

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# RHN 1L



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## NATURAL HIGH ABRASION RESISTANT RUBBER

Abrasion resistant rubber sheets are compounded from high grade natural rubber to provide the best resistant to cut, wear and abrasion. The sustained performance advantage in the rubber industry lies in the manufacturing process, which creates a product that provides superior performance when compared to other wear materials.

The rubber sheets are developed with neoprene backing which creates better adhesion property in various usages.

### HIGH ABRASION RUBBER SHEETS

|                    |                                                                                                                                                                                                                                                                                                                |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Features           | Good resistance to abrasion with slandered tensile strength and elasticity as per mining applications.                                                                                                                                                                                                         |
| Applications       | Widely used in shot blasting industry, rubber lining for material handling equipment or any other crucial application to reduce wear and tear of the parts /equipment, screen decks and heavy duty transfer chutes where cutting and slashing by sharp edged heavy particles is the leading cause of abrasion. |
| Finish Type        | Both side smooth, one side smooth and other side fabric or buffed finish.                                                                                                                                                                                                                                      |
| Standard Thickness | 1 mm to 40 mm                                                                                                                                                                                                                                                                                                  |
| Standard Length    | 10 Mtr, 33 Ft, 11 Yard                                                                                                                                                                                                                                                                                         |
| Standard Width     | 1.2 / 1.4 / 1.5 Mtr, 48" / 54" / 60" inches                                                                                                                                                                                                                                                                    |

### TECHNICAL SPECIFICATION

| Code            | Specific Gravity | Hardness (+/- 5) | Tensile Strength | Elongation | Abrasion   | Temperature |
|-----------------|------------------|------------------|------------------|------------|------------|-------------|
|                 | Gm/cm3           | Shore A          | Kg/cm2           | %          | mm3        | °C          |
| <b>STANDARD</b> | ASTM D297        | ASTM D2240       | ASTM D412        | ASTM D412  | ASTM D5963 | ---         |
| <b>AB 40110</b> | 1.10             | 40               | 165              | 600        | 100        | -25 to +70  |
| <b>AB 60110</b> | 1.15             | 60               | 150              | 500        | 100        | -25 to +70  |
| <b>AB 45110</b> | 1.10             | 45               | 150              | 600        | 100        | -25 to +70  |
| <b>AB 45120</b> | 1.20             | 45               | 140              | 500        | 200        | -25 to +70  |

Custom width and length is available on request.

Custom colours available on request.

**\*\*The information given above is based upon average values and is no way intended as a warranty. The purchaser is deemed responsible for determining the suitability of the product for any application. All data relating to suitable uses and description information concerning our products are compiled from research and are believed to be reliable but are provided for guidance purposes only. The Company holds no legal or contractual responsibility for information supplied\*\***

