



## Natural Rubber Grade 'S'

### SPECIFICATION

|                           |  |        |
|---------------------------|--|--------|
| <b>Thickness</b>          | 0.16mm to 1.5mm +/- 10% tolerance<br>(0.006" to 0.060")        |        |
| <b>Maximum Width</b>      | Standard width 92cm: 2M wide made to order min qty 20 lin.mtrs |        |
| <b>Colours</b>            | Natural, White, Black, Red,                                    |        |
| <b>Typical properties</b> | Tensile Strength   | 25MPa  |
|                           | Modulus at 500% extension                                      | 3MPa   |
|                           | Elongation at Break  | 850%   |
|                           | Tear Strength (crescent)                                       | 70N/mm |
|                           | Hardness (shore micro)   | 35°    |
|                           | S.G.   | 0.95   |
|                           | Maximum recommended working temperature                        | 80°C   |

Grade 'S' is a quality general purpose sheet with good transparency in natural colour. All ingredients used in the formulations for Grade 'S' natural colour and white satisfy the requirements in type and level of German regulation BGVV and USA F.D.A. CRF 21 section 177.2600 'Rubber Articles for repeated use in contact with foodstuffs'.

### TYPICAL APPLICATIONS

- Vacuum blankets for composite mouldings, bonding laminated structures and laminating decorative materials to complex shaped structures etc,
- Bakery release film
- Cut diaphragms, seals and gaskets,
- Flexible valve diaphragms and flexible connections,
- Surgical straps and tourniquets

The physical properties above are typical values abstracted from tests based on ISO37 and ISO34:1

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