



Natural Rubber Grade 'B', Grade 'B' - Antistatic Technical Data Sheet

SPECIFICATION

Thickness	0.90mm to 3.00mm +/- 10% tolerance (0.035" to 0.12")		
Maximum Width	4 metres		
Colours	Natural, Black (Antistatic grade in black only)		
Typical properties		<i>Grade 'B'</i>	<i>Grade 'B' Antistatic</i>
	Tensile Strength	25MPa	23MPa
	Modulus at 500% extension	3MPa	5MPa
	Elongation at Break	800%	800%
	Tear Strength (crescent)	66N/mm	80N/mm
	Hardness (shore micro)	40°	50°
	S.G.	0.95	0.96
	Maximum recommended working temperature	100°C	100°C

Grade 'B' is a higher modulus sheet than Grade 'S' with good stretch recovery. Grade 'B' is especially suitable for use as vacuum blankets and release membranes where the temperature does not exceed 100°C. Grade 'B' – Antistatic is formulated to reduce the build up of static charge especially when used on glass vacuum tables

TYPICAL APPLICATIONS

- Vacuum blankets for screen print down machines,
- Vacuum blankets for composite mouldings,
- Vacuum blankets for bonding laminated structures such as canvas and insulated container panels
- Vacuum blankets for laminating fabrics and veneers to flat and contoured shapes,
- Release membranes when press moulding cement based roofing and cladding panels

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

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