



Natural Rubber Grade 'HR' Technical Data Sheet

SPECIFICATION

Thickness	0.38mm to 1.5mm +/- 10% tolerance (0.015" to 0.06")	
Maximum Width	4 metres	
Colours	Dark Grey	
Typical properties	Tensile Strength	25MPa
	Modulus at 500% extension	3MPa
	Elongation at Break	800%
	Tear Strength (crescent)	70N/mm
	Hardness (shore micro)	50°
	S.G.	0.95
	Maximum recommended working Temperature	160 °C

Grade 'HR' is a heat resistant sheet formulated to retain strength and elasticity at temperatures up to a maximum of 160°C. Grade 'HR' is especially suitable for use as vacuum blankets for composite mouldings and for bonding laminates where a heat cure or hot melt adhesive is employed.

TYPICAL APPLICATIONS

- Vacuum blankets for composite mouldings,
- Vacuum blankets for bonding laminated structures where heat is involved,
- Vacuum blankets for laminating fabrics and veneers to flat and contoured shapes where hot-melt adhesives are used

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

Four D Rubber Co. Ltd.
Slack Lane, Heanor Gate Industrial Estate
Heanor, Derbyshire, DE75 7GX, England

Tel: +44 (0) 1773 763134
Email: info@fourdrubber.com
Web: www.fourdrubber.com