

Latex Natural Rubber Grade 'HR' Datasheet

Product Code: RC0314-HR

Product Description

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.

Technical Specification

Property	Value
Thickness	0.38mm to 1.5mm ± 10% tolerance (0.015" to 0.06")
Maximum Width	4 metres
Colours	Dark Grey
Tensile Strength	25 MPa
Modulus at 500% Extension	3 MPa
Elongation at Break	800%
Tear Strength (crescent)	70 N/mm
Hardness (Shore Micro)	50°
Specific Gravity	0.95
Maximum Working Temperature	160°C

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



The information contained on this product information sheet is to be used as guidance. The advice is given in good faith and does not constitute any guarantee or recommendation for suitability. The Rubber Company cannot be held liable for any damage caused by incorrect installation. We hereby reserve the right to change the technical information herewith without notification or prior agreement.