



Bonding Systems and Installation

Specifically designed two part bonding systems are available from Weir Minerals. Please consult your local representative for advice on the most suitable bonding method.

The new generation of rubber

Linatex[®] HM rubber has been specifically developed for the rubber belting industry as a product that exhibits the excellent performance features of Linatex[®] premium rubber with the additional benefit of dry abrasion resistance.

Made from natural latex, Linatex[®] HM rubber is produced using a unique manufacturing process ensuring superior abrasion resistant performance.

Linatex[®] HM rubber is not classed as an oil rubber compound, however this product exhibits superior resistance to oils and organics. Linatex[®] HM rubber has up to four times the kerosene resistance of Linatex[®] premium rubber.

Linatex[®] HM rubber is a high quality solution for applications where Linatex[®] premium rubber may not be considered.

Design Features

- Excellent resistance to wet abrasion
- High resilience
- Outstanding cut and tear resistance
- Low permanent set
- Resistance to a wide range of chemicals including oils and organics

Applications

- Specifically developed for the rubber belting industry

Size/Availability

- Standard sheet size: 9.25 m x 1.23 m nominal (approx. 30ft x 4ft)
- Standard thickness range: 1.5 mm to 30.0 mm (approx. 1/16" to 1 3/16")
- Moulded components available from stock and made to order

Typical Physical Properties

PROPERTY	TEST STANDARD	LINATEX [®] HM
Polymer Type		Natural Rubber
Hardness (IRHD)	ISO 48 - 2010	40 IRHD
Modulus @ 500% (MPa)	ISO 37 - 2011	3.0
Tensile Strength (MPa)	ISO 37 - 2011	24 (3480 psi)
Elongation at Break (%)	ISO 37 - 2011	750%
Tear Strength (N/mm)	ASTM D624-00 - 2012	44 (250 lbf/in)
Specific Gravity	ISO 2781 - 2008	0.95
Resilience (%)	BS 903. Part A8 1990	83%
Operating Temperatures (continuous use)		-40°C to +70°C / -40°F to +158°F