

Proven superior abrasion resistance



Linatex® is a 95% natural rubber that exhibits outstanding resilience, strength and resistance to cutting, tearing and abrasion. With over 80 years experience in handling aggressive materials, Linatex® is still ranked as the premium wear resistant rubber for sliding or wet abrasion service.

It is our unique and patented manufacturing process that gives Linatex® its extraordinary physical properties and outstanding performance. Our process, unlike other processes, causes minimal mechanical disturbance to the molecular structure of the finished rubber, resulting in significant cost benefits to the user. With Linatex® premium rubber there is no equivalent when it comes to wet abrasion.

Features

- Proven 'Best in Field' performance in fine slurry abrasion
- Excellent resistance to cutting and tearing
- High resilience and low modulus
- Resistance to a wide range of chemicals

Applications

The uses of Linatex® are almost unlimited:

- Pipe lining
- Chute Lining
- Tank Linings
- Hydrocyclones
- Pumps
- Hoses
- Valve Liners
- Belting

Size/Availability

- Standard Sheet size:
 - 9.25m x 1.23m nominal (approx. 30ft x 4ft)
 - 3.05m x 1.23m nominal (approx. 10ft x 4ft) for 38mm and 50mm only
- Part sheets available to order
- Standard thickness range:
 - 1.5mm to 50.0mm (approx. 1/16" to 2")
- Molded components available from stock and made to order

Storage

Recommended practice is to store away from direct heat and sunlight in accordance with 'ISO 2230:-VULCANIZED RUBBER' - Guide to Storage'



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.

www.weirminerals.com

Typical Physical Properties

	TEST STANDARD	LINATEX®
Polymer Type		Natural Rubber
Hardness (IRHD)	ISO 48 – 1994	38
Modulus @ 500% (MPa)	ISO 37 – 2005	2.0
Tensile Strength (MPa)	ISO 37 – 2005	25 (3618 psi)
Elongation at Break	ISO 37 – 2005	830%
Tear Strength (N/mm)	ISO 34 – 2004 (Method C)	44 (250 lbf/in)
Specific Gravity	BS 903: Part A1: 1995	0.96
Resilience	BS 903: Part A8: 1990	83%
Operating Temperatures (Continuous use)		-40°C to +70°C / -40°F to +158°F
Abrasion resistance (dry)	ISO 4649 - 1985 DIN 53516	
Abrasion resistance (wet)	Modified DIN 53516	
Color		Red