



# Linatex

## Still Leading The Way

Linatex is a 95% natural rubber that exhibits outstanding resilience, strength and resistance to cutting, tearing and abrasion. With over 65 years' experience in handling aggressive materials, Linatex is still ranked as the premium wear resistant rubber for sliding or wet abrasion service. From field experience, it will outlast polyurethanes, steel alloys and even Nihard liners and components resulting in significant cost benefits to the user.

## A Unique Product

Linatex is produced from fresh natural latex utilizing a unique liquid phase compounding process which, unlike other processes, causes minimum mechanical disturbance to the molecular structure of the finished rubber. It is this process that gives Linatex its extraordinary physical properties and outstanding performance. The group's Linatex rubber manufacturing facility meets the requirements of ISO 9001.

- Excellent resistance to wet abrasion
- Very high resilience
- Remarkable cut and tear resistance
- Low permanent set
- Resistant to a wide range of chemicals
- Excellent electrical resistance
- Useful sound-absorption and vibration dampening properties
- Good flexibility even at low temperatures assists handling and installation

## Linatex Applications

The uses of Linatex are almost unlimited. From a complete range of anti-abrasion linings for material handling industries, to custom fabrications and molded components, Linatex properties combine together to give optimum performance and reliability. The products' sound absorption properties are used to good effect in improving the working environment, reducing noise levels that otherwise cause operator fatigue. Linatex isolation pads have also been specified to dampen unwanted vibration in

applications ranging from buildings and sports halls to elevator assemblies.

## Linatex Experience

With a track record spanning six decades, we've covered a lot of Linatex projects. Contact your nearest representative to see how Linatex can benefit your operation.



*Linatex slurry pump parts*



*Linatex rubber linings, fabrications and pulley lagging*



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## Technical Specifications

### Product Description

- A 95% pure natural rubber manufactured from fresh field latex using a proprietary “liquid phase compounding” procedure.
- Resists wet abrasion. Resistant to most inorganic chemicals. Excellent shock, vibration dampening and noise absorption properties and low temperature flexibility.

### Recommended Applications

Proven performance in slurry handling applications such as pipelines, chutes and tank linings, hydrocyclones, sumps, etc. Linatex is also used in valve and pump linings, hoses, screencloths and to solve a wide range of sealing problems.

### Size/Availability

- Standard sheet size: 30 ft x 4 ft nominal.
- Part sheets available to order.
- Standard thickness range: 1/16" to 1" (2mm to 25mm).
- Molded components available from stock/to order.

### Bonding Systems

One and two-part bonding systems, depending on application method and required service, are available from Linatex. Please consult your Linatex representative.

### Storage

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

## Mean Physical Properties

Color		Linatex Red
Polymer Type		Natural Rubber
Hardness/Durometer	ISO 48 - 1979	38 IRHD
Tensile Strength	ISO 37 - 1977	26.6 MPa (3850 psi)
Elongation at Break	ISO 37 - 1977	810%
Tension Set	ISO 2285-1981	7%
Tear Strength	ISO 34 - 1979 Method C	44N/mm (250 lbsf/in)
Resilience	BS.903: Part A8	83%
Specific Gravity		0.97
Temperature Range		-40°C to +70°C (-40°F to +158°F)
Abrasion Resistant Index (Wet)	Modified DIN53516 for wet abrasion	108



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