**LINATEX® premium rubber**

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.

**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® premium rubber are almost unlimited

- Pipe lining
- Chute lining
- Tank linings
- Hydrocyclones
- Pumps
- Hoses
- Valve liners
- Belting
Linard 60

Linard® 60 is a silica-reinforced natural rubber product uniquely designed to provide high resilience with good cut, tear and abrasion resistance.

FEATURES

- Excellent anti-sticking and anti-build up properties
- Unsurpassed flexibility for hard rubber compound
- Excellent resistance to cutting by sharp edged products
- Good wet abrasion resistance

APPLICATIONS

- Screen panels: where Linard 60 superior resilience minimises plugging and blinding
- Skirting rubber: Linard 60's unique combination of features make it ideal for skirting rubber applications
- Abrasive environments where sticking and/or build-up are major issues
The Linard® HD range of products are natural/synthetic rubber blends specifically designed to exhibit exceptional toughness without compromising natural elasticity.

**FEATURES**

- Superior strength and resilience for severe abrasion
- Exceptional resistance to chunking and gouging
- Ideally suited for dry or damp applications where there is heavy impact
- Good noise and vibration dampening properties

**APPLICATIONS**

- Screen decks and underpans for severe applications in the mining extractive industries
- Transfer chutes in which heavy duty impact due to particle size is a major problem
- Protective liners for pneumatic transportation of materials

**Typical Physical Properties**

<table>
<thead>
<tr>
<th></th>
<th>TEST STANDARD</th>
<th>LINARD 60</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polymer Type</td>
<td>Natural Rubber</td>
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</tr>
<tr>
<td>Hardness (IRHD)</td>
<td>ISO 48 – 1994</td>
<td>60</td>
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<tr>
<td>Modulus @ 500% (MPa)</td>
<td>ISO 37 - 2005</td>
<td>9.5</td>
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<tr>
<td>Tensile Strength (MPa)</td>
<td>ISO 37 – 2005</td>
<td>27 (3916 psi)</td>
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<tr>
<td>Elongation at Break</td>
<td>ISO 37 – 2005</td>
<td>690%</td>
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<tr>
<td>Tear Strength (N/mm)</td>
<td>ISO 34 – 2004 (Method C)</td>
<td>103 (588 lbs/in)</td>
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<tr>
<td>Specific Gravity</td>
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<td>1.10</td>
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<tr>
<td>Resilience</td>
<td>BS 903: Part A8: 1990</td>
<td>70%</td>
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<td>Operating Temperatures (Continuous use)</td>
<td>-40°C to +75°C/ -40°F to +167°F</td>
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<tr>
<td>Color</td>
<td>Red</td>
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</tr>
</tbody>
</table>
Linagard® BB is a Bromo Butyl based rubber that has been specifically formulated to provide a cost effective lining solution for aggressive chemical applications involving acids, alkalis and high temperatures.

**FEATURES**

- Excellent resistance to inorganic chemicals
- Excellent UV and ozone resistance
- Excellent resistance to high temperatures
- Low gas permeability

**APPLICATIONS**

- Acid leach tanks
- Chemical storage tanks
- Thickener tank linings
- Moulded chemical pump casings
LINAGARD NBR

Linagard® NBR is a nitrile based rubber specifically formulated to give good abrasion resistance in the presence of oils and chemicals. Linagard® NBR also exhibits excellent high temperature service and can be used up to 110°C (230°F) with suitable adhesives, or where mechanical fixing is employed.

FEATURES / BENEFITS

- Resistant to minerals / vegetable oils
- Resistant to chemicals, greases and aliphatic hydrocarbons
- Excellent resistance to high temperature, thermal aging and fatigue
- Good resistance to wear
- Low permeability to gases

APPLICATIONS

- Linings for mining applications, fertiliser works and sand processing circuits where oil-based reagents are used
- Pump linings and impellers for chemical industry
- Rubber coating for transmission belts
Linagard® FG is a high quality natural rubber compound manufactured from FDA (Food & Drug Administration 177.2600) approved ingredients. It is designed for applications requiring safe long term food contact and wear resistance.

**Features**
- Food safe
- Non-marking
- Excellent resistance to wet abrasion
- Excellent cut and tear resistance

**Applications**
- Lining in areas of food processing
- Pharmaceuticals and cosmetics industry
- Linatex hose and valve manufacture
- Gasket industry
**LINATEX® VS rubber**

Linatex® VS is an uncured natural rubber compound designed specifically for use in fine slurry applications where hot bonding is the preferred method of installation.

**FEATURES**

- Proven 'best in class' wear performance in fine slurry abrasion when compared to other uncured rubbers
- Suitable for hot bonding
- Delivers lowest cost of ownership
- Ideally suited for autoclave curing and compression moulding
- 6 month shelf life

**APPLICATIONS**

- Pipelines
- Chutes
- Tank linings
- Hoses
## Typical Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>TEST STANDARD</th>
<th>LINATEX® VS</th>
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<tr>
<td>Polymer Type</td>
<td>Natural Rubber</td>
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<tr>
<td>Hardness (IRHD)</td>
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<td>Modulus @500% (MPa)</td>
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<td>Tensile Strength (MPa)</td>
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<td>Elongation at Break</td>
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<tr>
<td>Tear Strength (N/mm)</td>
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<td>Operating Temperatures (Continuous use)</td>
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<td>Color</td>
<td>Red</td>
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</tbody>
</table>