



Linaplus OZ

Linatex pure natural rubber is well known for its properties of resilience, abrasion resistance and vibration and noise absorption. In certain applications, however, where high levels of ozone or UV light are present, unprotected pure natural rubber may be subject to surface deterioration. To overcome this potential limitation, Linatex introduced Linaplus OZ.

The Linaplus OZ Advantage

Linaplus OZ is a development of Linatex. It is produced using the same proprietary liquid phase compounding process with the addition of antiozonant agents. The result is a rubber that offers excellent resistance to sliding or slurry abrasion in combination with resistance to prolonged exposure to sunlight and high ozone concentrations. Linaplus OZ rubber is manufactured in our factory which meets ISO 9001 requirements.

- Excellent weathering and ozone resistance
- High resilience
- Remarkable cut and tear strength
- Excellent resistance to sliding abrasion
- Low permanent set and high flexibility
- Good sound absorption and vibration dampening properties
- Excellent electrical resistance

Linaplus OZ Versatility

Linaplus OZ continues the Linatex heritage of performance and versatility. Applications range from linings for hydrocyclones and hoses handling dry powder, where static electricity build-up may cause increased ozone levels, to fabricated or molded components that are frequently exposed to sunlight.

No additional surface painting or shielding is necessary with Linaplus OZ, as the rubber

leaches it's own 'antiozonant' for protection. This makes it ideal for exposed wet-dry applications that are prone to scuffing and abrasion.

Linaplus OZ : Natural performance plus ozone resistance.



Linatex designed sandplant incorporates Linaplus OZ linings to protect exposed chutes



A Linaplus OZ flexible hose fitted to a road cleaning vehicle



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Linaplus OZ

Technical Specifications

Product Description

- A 95% natural rubber vulcanizate formulated for excellent resistance to abrasion, UV light and ozone attack.
- Linaplus OZ is produced using the proprietary Linatex “liquid phase compounding” procedure.

Recommended Applications

Suitable for use in a wide variety of industries where abrasion/corrosion resistance and good ozone/UV resistance are required. Resistant to most inorganic chemicals. Good vibration dampening and noise absorption properties and low temperature flexibility.

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 local representative.

Storage

Recommended practice is to store in accordance with 'ISO 2230:- VULCANIZED RUBBER - Guide to Storage'.

Mean Physical Properties

Color		Black
Polymer Type		Natural Rubber
Hardness/Durometer	ISO 48 - 1979	38 IRHD
Tensile Strength	ISO 37 - 1977	26.7 MPa (3870 psi)
Elongation at Break	ISO 37 - 1977	760%
Tension Set	ISO 2285 - 1981	10%
Tear Strength	ISO 34 - 1979 Method C	40 N/mm (230 lbsf/in)
Resilience	BS. 903: Part A8	83%
Specific Gravity		0.98
Temperature Range		-40°C to +75°C (-40°F to +167°F)
Abrasion Resistant Index (Wet)	Modified DIN53516 for wet abrasion	105



LINATEX

Linatex, Inc.

Gallatin, TN 37066 • 1550 Airport Road • Phone (615) 230-2100 • Fax (615) 230-2101