

Excellent resistance to abrasion, UV light and ozone attack

Linagard® OZ is a natural rubber vulcanisate formulated for excellent resistance to abrasion, UV light and ozone attack.

Linatex® Rubber Products 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. Linagard® OZ overcomes this potential limitation.

Features

- Excellent weathering and ozone resistance
- Produced with the addition of antiozonant agents
- 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
- Resistant to most inorganic chemicals

Linagard® OZ is suitable for use in a variety of industries where abrasion/corrosion resistance and good ozone/UV resistance are required.



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	LINAGARD OZ
Polymer Type		Natural Rubber
Hardness (IRHD)	ISO 48 -1994	37
Modulus @500% (MPa)	ISO 37 – 2005	
Tensile Strength (MPa)	ISO 37 – 2005	21.4 (3103 psi)
Elongation at Break	ISO 37 – 2005	750%
Tear Strength (N/mm)	ISO 34 – 2004 (Method C)	50 (300 lbf/in)
Specific Gravity	BS 903: Part A1: 1995	
Resilience	BS 903: Part A8: 1990	
Operating Temperatures (Continuous use)		-40°C to +75°C / -40°F to +167°F
Colour		Black

Applications

- Linings for hydrocyclones and hoses handling dry powder
- Where static electricity build-up may cause increased ozone levels
- Fabricated or moulded components that are frequently exposed to sunlight

Linagard® OZ offers excellent resistance to sliding or slurry abrasion in combination with resistance to prolonged exposure to sunlight and high ozone concentrations.

No additional surface painting or shielding is necessary with Linagard® 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 abrasions.

Size/Availability

- Standard sheet size:
9.25 m x 1.23 m nominal (approx. 30ft x 4ft)
- Part sheets available to order
- Standard thickness range:
2.0 mm to 35.0 mm (approx. 1/16" to 1 3/8")
- Moulded components available from stock and made to order

LINATEX® Rubber Products

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Excellent
Minerals
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