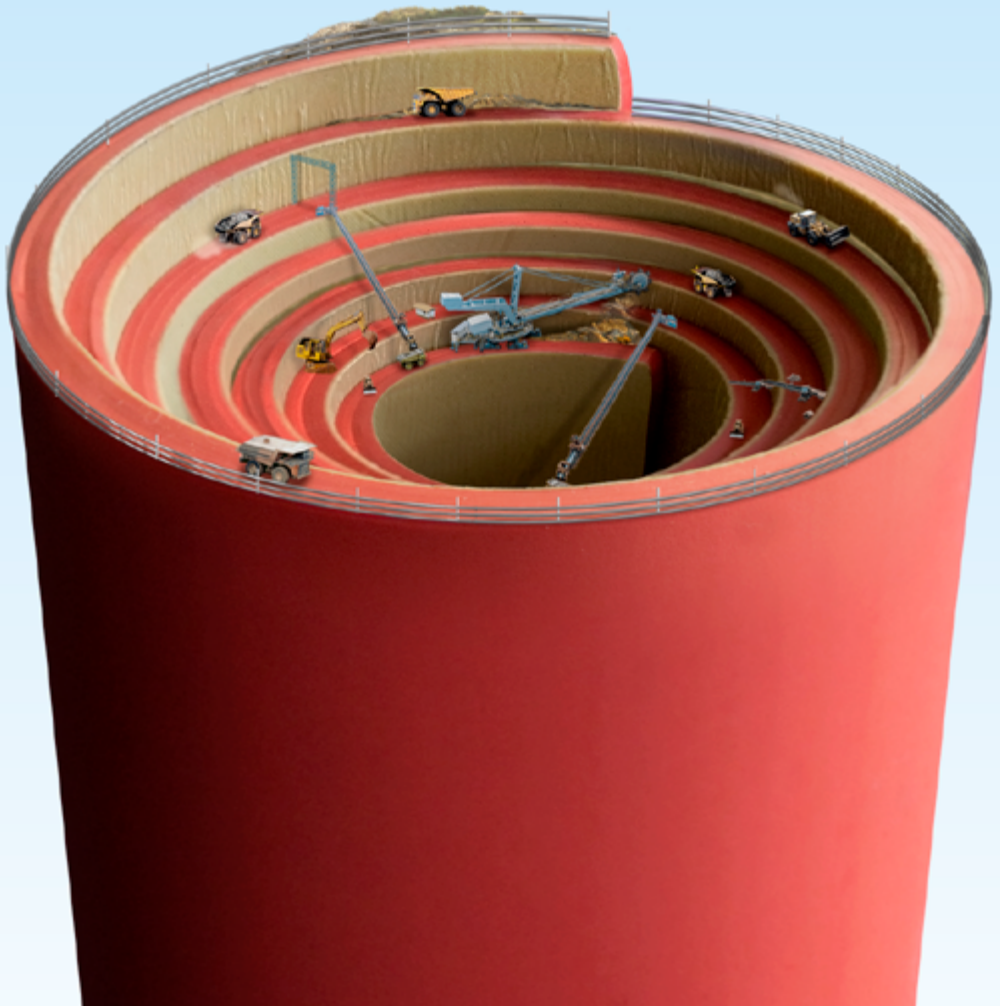


A new standard for Abrasion Resistant Sheet Rubber

Discover **RedFine+** from Trelleborg – Advanced abrasion resistant rubber for equipment preservation and wear protection.

Call us now to find out more: **Brisbane Office +61 7 3866 7444**
Perth Office +61 8 9256 6000



Expert polymer engineering from Trelleborg

Trelleborg's engineered products operation is part of the wider Trelleborg group. As a world leader in polymer solutions, our products seal, damp and protect in the most demanding environments on earth. Over the last century, Trelleborg has applied everyday ingenuity to everything we do, delivering swift, innovative solutions that

enhance performance in a range of industrial applications, including mining.

One solution helping the mining industry maximize production and reduce downtime is our RedFine+ compounded, abrasion resistant rubber.

Features

RedFine+ is the latest advance in compounded, abrasion resistant rubber for mining operations. Its features include:

- Excellent mechanical properties, including tensile strength and tear resistance
- Excellent resistance in wet slurry applications
- Corrosion protection
- Produced with bonding layer for easy application and maximum bond strength

Applications

RedFine+ can be applied to a range of applications including:

- Hoppers
- Chutes
- Cyclones
- Launderers
- Tanks
- Underpans
- Process equipment
- Pipe spools

Identification

Packaging

Thickness \leq 6 mm rolled on cardboard tube \varnothing 80mm.
Thickness $>$ 6 mm in roll.
Bonding layer internal side protected by a white polypropylene film, easily removable handle.

Wrapping

Black polyethylene film.

Labelling

Self-adhesive label indicating product name, dimensions, area in m^2 , nominal weight, and product code to allow product traceability.

Mechanical, physical and chemical properties

Measure characteristics	Standard	Value	
Mechanical			
Rubber compound – red		NR R397	
Density		0.95 ± 0.05 g/cm ³	
Hardness	ASTM D2240	35 ± 5 Shore A	
Tensile strength	ISO 37	≥ 24 MPa	
Elongation at break	ISO 37	≥ 700 %	
Tear resistance	ISO 34-1	≥ 30 N/mm	
Abrasion resistance (5 N)	ISO 4649	≤ 60 mm ³	
Compression after 22 h at 70 °C	ISO 815-1	≤ 30 %	
Temperature			
Working temperature		-40/+80 °C	
Ageing			
Δ Hardness after 70 h at 70 °C	ASTM D573	≤ 5 ShoreA	
Δ Tensile strength 70 h at 70 °C	ASTM D573	≤ -15 %	
Δ Elongation at break after 70 h at 70 °C	ASTM D573	≤ -25 %	
Chemical Resistance			
Diluted acids and bases	Concentrated acids and bases	Ozone	Oils and hydrocarbons
Good	Medium	Medium	Non suitable

Dimensions

Thickness (mm)	Width (mm)	Length (m)	Weight (kg/m ²)	Sides finish
3	1400 ± 2 %	10 ± 2 %	2.85	2 smooth sides
6	1500 ± 2 %	6 ± 2 %	5.70	1 side matt
10	1500 ± 2 %	6 ± 2 %	9.50	1 side matt
12	1500 ± 2 %	6 ± 2 %	11.40	1 side matt
20	1500 ± 2 %	6 ± 2 %	19.00	1 side matt
25	1500 ± 2 %	6 ± 2 %	23.75	1 side matt

Contact Trelleborg today

To find out more about RedFine+,
contact Trelleborg Engineered Products today.

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Trelleborg is a world leader in engineered polymer solutions that seal, damp and protect critical applications in demanding environments. Its innovative engineered solutions accelerate performance for customers in a sustainable way. The Trelleborg Group has local presence in over 40 countries around the world.

WWW.TRELLEBORG.COM