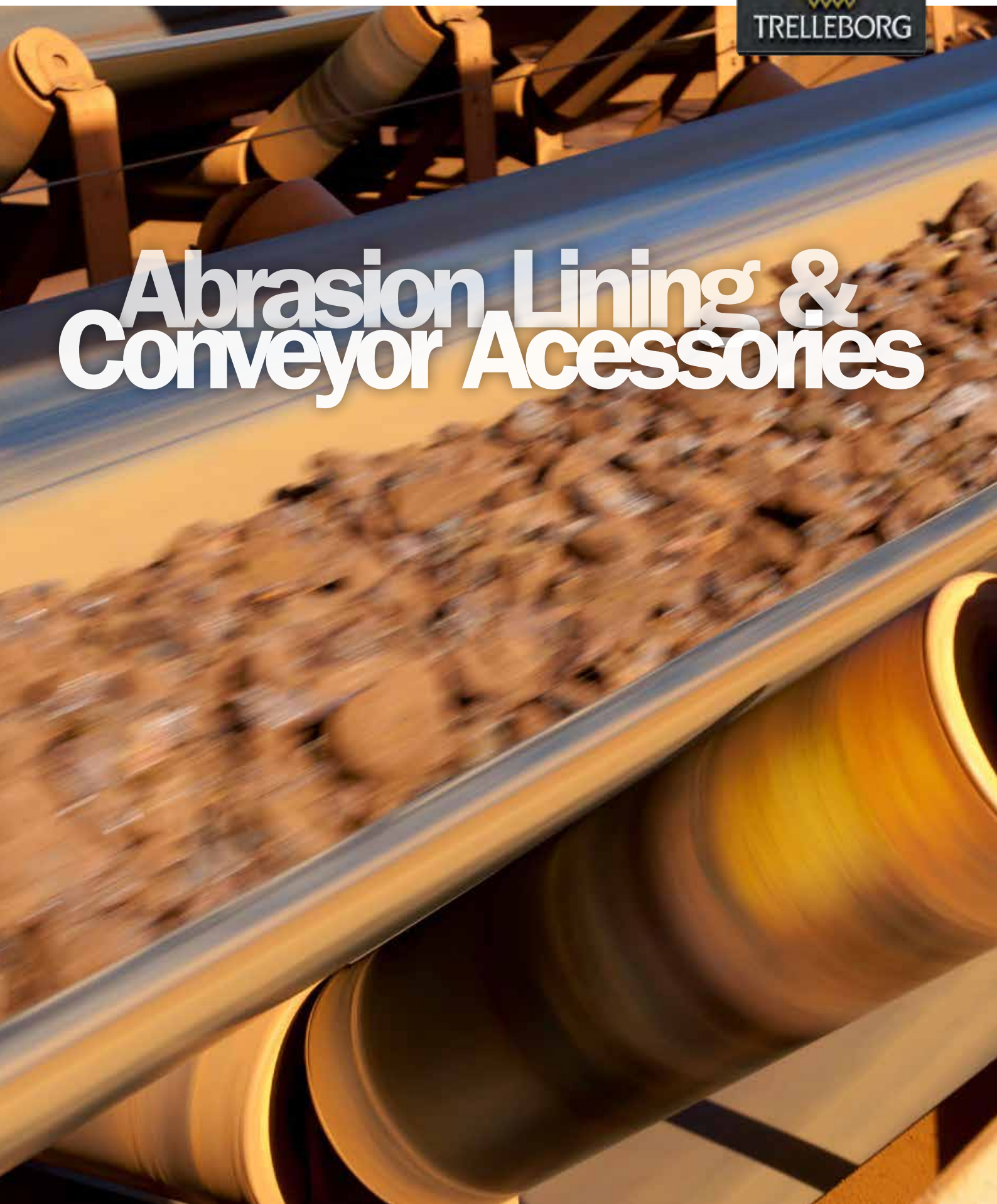




Abrasion Lining & Conveyor Accessories



Trelleborg are specialists in Polymer Technology and are one of the world's leading suppliers of high grade, quality rubber products.

Trelleborg products are used world-wide, in a range of applications throughout many market sectors. The focus for this catalogue is the Mining Industry.

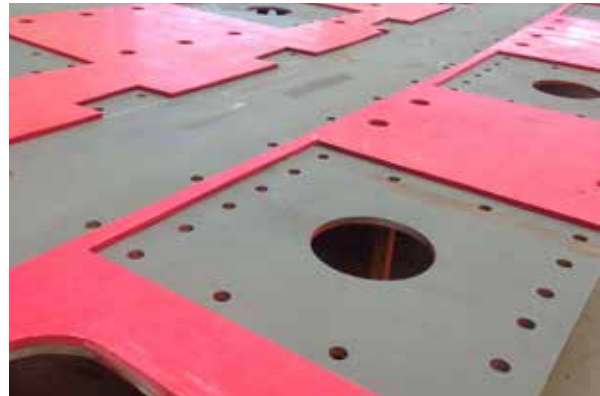
Rubber Linings

Trelleborg Redfine

A Premium European manufactured Red Natural Rubber with excellent mechanical properties, low compression set and excellent resilience.

It has superior abrasion resistant properties and includes a bonding layer for easier adhesion.

Available in sizes 3mm, 6mm, 9mm and 12mm thick in 10 mtr long x 1500mm wide rolls.



SPECIFIC GRAVITY	HARDNESS (SHORE A)	TENSILE STRENGTH MPA	ELONGATION AT BREAK %	WORKING TEMPERATURE °C
1.05	45 +/- 5	16	600	-40 to +85



Trelleborg Blackrock +

A Premium European manufactured, Black Natural Rubber with superior mechanical properties, low compression set and high resilience.

It has very high abrasion resistance qualities and includes a bonding layer for easier adhesion.

This product is designed for impact & dry abrasion.

Available in sizes 3mm, 6mm, 9mm, 12mm and 19mm thick in 10 mtr long x 1200mm wide rolls.



SPECIFIC GRAVITY	HARDNESS (SHORE A)	TENSILE STRENGTH MPA	ELONGATION AT BREAK %	WORKING TEMPERATURE °C
1.12	60	18	400	-50 to +85

Adhesive and Primers

TAC 250 Adhesive

TAC 250 Contact Adhesive is a 2 component adhesive (together with Desmodur Curing Agent) developed for use in rubber bonding applications. It offers high initial grab, heat resistance, and good open time.

TECHNICAL DATA	
Base	Polychloroprene rubber
Colour	Pink
Viscosity	Brushable liquid
Pack Size	20 litre
Coverage	4 square metres / coat



Trelleborg Etch Primer A + B

Trelleborg's etch primer system is a 2 component halogenation system that once applied to natural rubber will significantly aid the adhesive strength of most standard contact adhesives. It will provide and improve the chemical bond of adhesive to rubber.

TECHNICAL DATA	
Pack Size	5 litre kits
Coverage	10 square metres/litre (average)



LORD Chemlok® 205

Trelleborg can also supply Chemlok 205 a primer is designed for use under adhesives to bond a wide variety of vulcanized and un-vulcanized rubber compounds to metals and other rigid substrates. It is composed of a mixture of polymers, organic compounds and mineral fillers dissolved or dispersed in an organic solvent system.

It provides high rubber tearing bonds and excellent environmental resistance when used in combination with Trelleborg adhesives.

TECHNICAL DATA	
Pack Size	17.8 kg pail

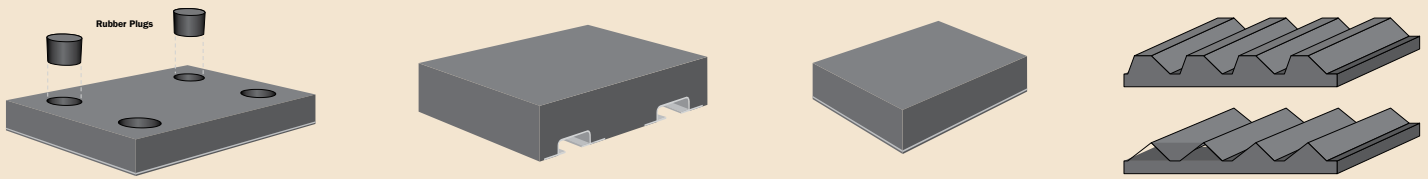


Wear Plates and Impact Bars

Rubber Panels

Trelleborg Rubber Elements are ideal for use in impact and abrasive wear applications eg Feeders, Chutes, Hoppers and Transfer points. They provide the additional benefit of noise reduction over many alternative materials.

Wear Plates are available fully moulded either with or without steel backing plates. They can also be rolled to suit curved surfaces and can be designed and manufactured to suit any specific application or size. Wear plate can be produced with plain backing, studded or with Aluminium T Tracks for rapid fastening.



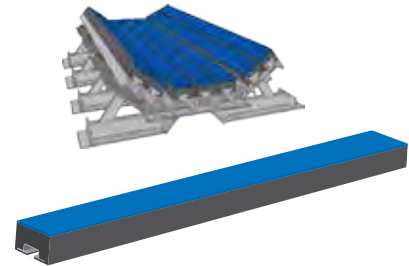
Wear or Impact Bars

Wear Bars are produced from heavy duty rubber and are generally vulcanized with an Aluminium T Track for easy fitment. Used for Rock Boxes, Feed Chutes, Belt Scrapers and Buffers – 100 mm x 100 mm x 1500 mm available ex stock – other sizes subject to special manufacture.

Impact Bars (Low friction Bars) combine the energy absorbing properties of rubber with the low friction properties of UHMWPE.

These bars are designed for use in conveyor belt impact cradles and provide a low maintenance, easily replaced alternative to impact idlers at conveyor transfer stations. Available in 50mm or 75mm high x 100mm wide x 1500mm long.

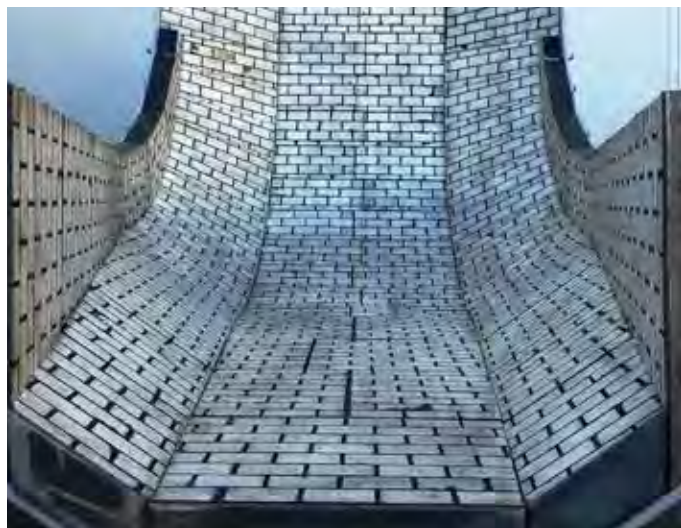
T Bolt kits to suit wear and impact bars are also available.



Ceramic Panels

Trelleborg Composite Ceramic Panels combine the extremely high wear resistant properties of ceramic tiles bound with a resilient rubber base that dampens impacts.

For ease of installation these linings are supplied in tile form with steel backing plates for welding or stud application.



Dust Cloth and Locking Rubber Extrusion

Trelleborg's dust sealing system is a simple, easy to install and replace arrangement that requires no mechanical parts. It involves locking a thin elastic, UV resistant rubber sheet across the gap in the machinery that is required to be sealed.

Each side of the gap needs to be fitted with 10 mm rod to allow the clamp mouldings to be fixed in place locking the cloth inside the moulding.

The basic elements used here are:

- **Ozone resistant 2mm thick rubber sheeting suitable for outdoor installations. Standard bulk roll size is 1500mm wide x 20 mtr lengths**
- **Straight or pre-shaped 90 degree corner mouldings.**

While other systems focus on conveying great quantities of dust away our system maintains dust where it should be, i.e. with the screened material.

Clamp Mouldings

SPM	
Interior Ø	14mm
Exterior Ø	31mm
Length	2 x 10 mtr lengths

EPI	
Interior Ø	14mm
Exterior Ø	14mm
Length	200 x 200 mm

EPE	
Interior Ø	14mm
Exterior Ø	31mm
Length	200 x 200 mm

EPV	
Interior Ø	14mm
Exterior Ø	31mm
Length	200 x 200 mm



Conveyor Skirting and Trelskirt

Trelleborg manufactures and markets a range of skirting rubbers in a selection of rubber compounds primarily for use in the Mining and Quarrying Industries. Its primary use is for reducing spillage from conveyor belts particularly at loading and transfer points however due to its relatively low cost it can be adapted for use in many general purpose applications.

Slab Conveyor Skirting

Trelleborg markets skirting rubber in large slabs 1500mm wide x 30 mtr lengths in thickness of 6mm, 9mm, 12mm, 16mm, 19mm and 25mm. It is available in Standard Natural, Soft Natural 50 duro and also FRAS Neoprene that meets MDG 3608 section 3.3

Slit Sizes of Standard Natural Skirting are available in 30 metre lengths:

6mm x 100mm, 150mm, 200mm, 250mm, 300mm

9mm x 100mm, 150mm, 200mm, 250mm, 300mm

12mm x 100mm, 150mm, 200mm, 250mm, 300mm

16mm x 100mm, 150mm, 200mm, 250mm, 300mm

19mm x 100mm, 150mm, 200mm, 250mm, 300mm



Trelskirt Skirting System

The Trelskirt skirting system is a simple and effective two part system that prevents dust and spillage and reduces clean-up and maintenance costs.

After mounting the steel hangers to the conveyor framework the skirting "T" lugs can be inserted into the serrated channels and the skirting can then be adjusted to the belt. The skirting holds securely and adjusts in seconds by pushing down or tapping with a mallet. No nuts, bolts, clamps or fasteners to worry about. This then allows for quick, easy peel-away removal for maintenance or replacement.

The Trelskirt system can easily be retrofitted to your existing conveyor. The skirting is available in 12mm and 16mm thicknesses and 200mm, 250mm or 300mm widths. It can also be produced in FRAS grade for underground use.



Rubber Mining Hose, Expansion Bellows & Anti Vibration Mounts

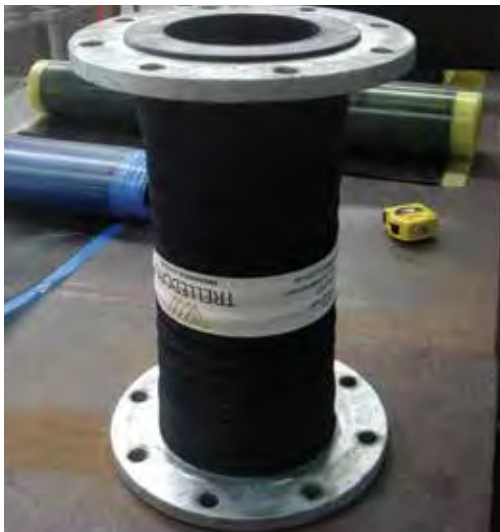
Hand Made Rubber Mining Hose

Every Rubber Mining Hose produced by Trelleborg is the result of a sophisticated design process and trusted production methods. We supply hoses made to order and to your specifications for material composition, operating pressure and temperature, level of abrasion resistance, dimensions, flange choice, safety factors, vibration and sound reduction and whatever else you require. In order to guarantee that you receive the very best product each delivery is subjected to a stringent final inspection by Trelleborg.

A reliable and safe transport hose is a balanced product where all the components must fit together perfectly. The connection is formed by the flanges, and we supply technically superior solutions for this application that are suitable for a wide range of working pressures and loads.

Examples are :

- **Fixed Flanges with fixed Steel or Stainless Steel backing plates**
- **Swivel Flanges with Steel or Stainless Steel backing plates that rotate freely**
- **Inbuilt steel couplings for extra heavy duty applicatins**

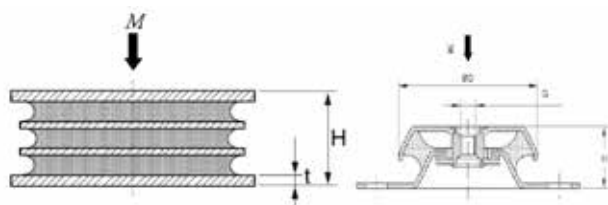


Vibration Mountings

Trelleborg type SAW mountings are heavy duty mountings for static and shock loads in compression. They provide high isolation in the horizontal and shear direction.

Typical fields of application are:

- **Mills**
- **Grinders**
- **Screens**
- **Crushers**
- **Edge runners**
- **Vibratory rollers**
- **Hoppers and feeders**



The combination of a stable low installation height, high compressive strength and low shear stiffness makes Trelleborg type SAW a versatile high performance anti-vibration mounting.



Trelleborg Engineered Products is part of the Trelleborg Offshore & Construction business area of the Trelleborg Group. Trelleborg Engineered Products is a leading global developer, manufacturer and provider of engineered polymer solutions to the energy, infrastructure and mining industries. Performing in some of the harshest environments on earth, its principal products are sealing systems for tunnels, a wide range of bearings, polymer solutions for floatover technology and wear resistant products for the mining industry. With local support, a track record of over 100 years and its everyday ingenuity, customers can rely on Trelleborg Engineered Products to deliver innovative polymer solutions that significantly improve the quality, safety and efficiency of its customers' operations worldwide.

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