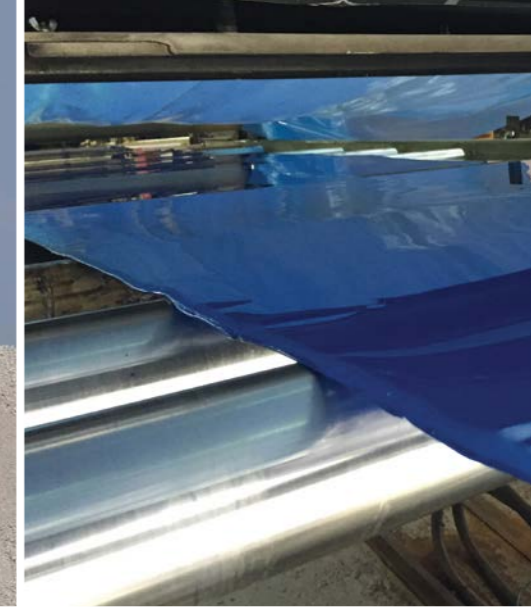




LinaShield

This thermoplastic polyurethane sheeting has been developed for high abrasion applications including wear linings, screens, belts and conveyors. It qualifies as a high-grade thermoplastic elastomer (TPE), whilst exhibiting similar properties to that of rubber and traditional thermoplastics. **LinaShield** increases productivity by reducing downtime, as it outlasts conventional materials used in these applications.



LinaShield

Wear linings | Screens | Belts | Conveyors | Dump truck linings | Wagons | Silos | Chutes | Feeding channels | Magnetic separators | Cones | Hoppers | Crushers | Sorters | Skips | Bins | Slurry Channels

LinaShield is a thermoplastic polyurethane sheeting developed for high abrasion applications including wear linings, screens, belts and conveyors. It qualifies as a high-grade thermoplastic elastomer (TPE), whilst exhibiting similar properties to that of rubber and traditional thermoplastics. LinaShield increases productivity by reducing downtime, as it outlasts conventional materials used in these applications.

Suitable for the following industries:

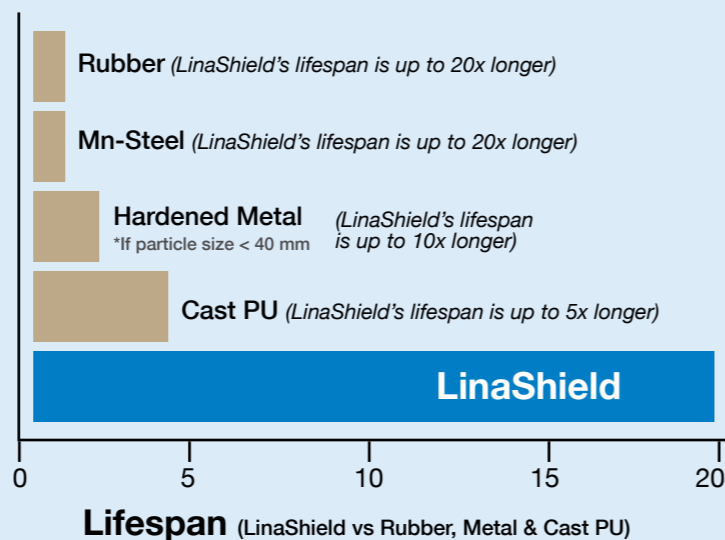
- Mines
- Copper casting plants
- Thermal power stations
- Transportation
- Farming

LinaShield benefits:

- Outstanding resistance to abrasion, strokes and penetration of sharp objects
- Resistant to oils, greases, many solvents and fats
- Weather and high energy radiation resistant
- Elasticity in broad temperature range
- No skin irritation
- No plasticizers, therefore enhanced longevity compared to rubber
- Perfect for welding and bonding
- Excellent low-temperature impact strength
- Long lasting so reduces downtime
- Reduces vibration on bushings, bearings and other truck suspension elements, ensuring longer lifespan

Performance:

The performance of LinaShield in most cases** has shown that LinaShield has a far greater lifespan than conventional options:



** We cannot guarantee the exact longevity of LinaShield linings in different applications. Consult us for specified performance in various applications.

Applications:

Wear Linings

Used to protect metal surfaces and is applied mechanically with glues or bolts. Typical applications include chutes, cyclones, mills, magnetic separators, cones, hoppers, crushers, feeders, sorters, screens, skips, bins, slurry channels and launders.

Dump Truck and Wagon Linings

LinaShield sheeting will protect metal surfaces from falling stones that often cause massive accumulated damage, ensuring maximum longevity of the dump truck. It replaces expensive, high density hardened plates normally used to protect dump trucks. Having an additional soft rubber lining, LinaShield will ensure maximum absorption of the impact from falling stones and will minimise tear & abrasion.

Belts

Applying a 2 mm LinaShield sheet on a rubber conveyor belt can increase the life span of the rubber by four times, proven by applications in Silica Stone quarries, wheat silo conveyors, gravel pits and mining applications.

Fabrication:

LinaShield can be fabricated using a wide variety of methods. These include bonding, printing, coating & metallizing and welding.

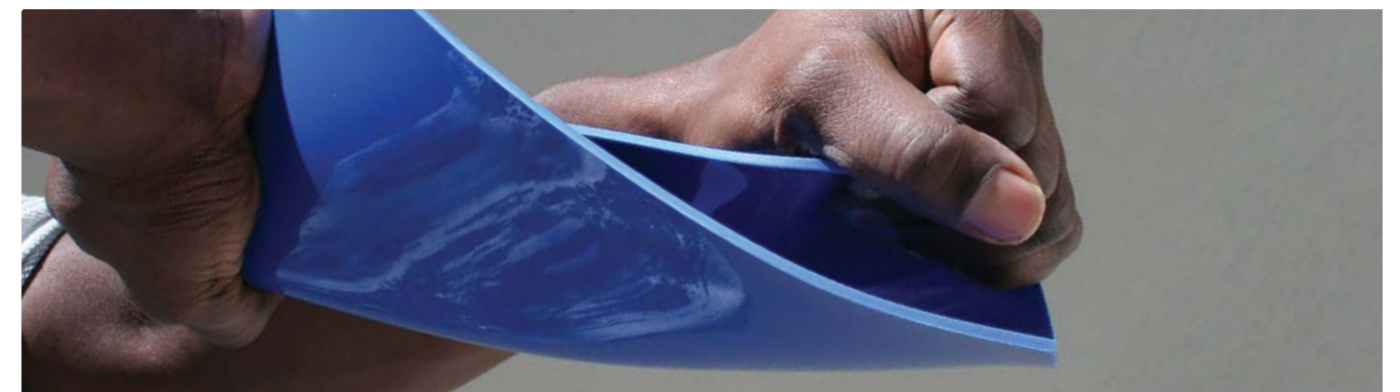
Machining:

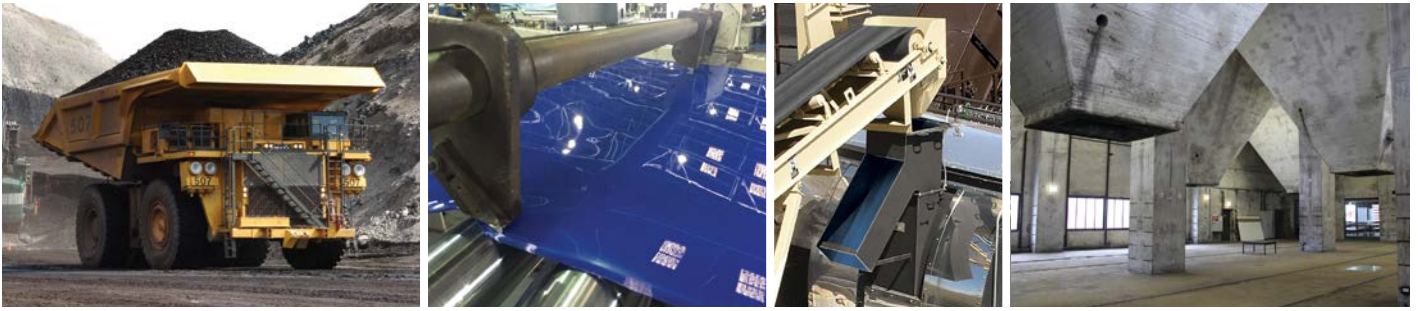
The product can be machined on normal metal and wood-working machines, but may require sharp cutting tools. Excessive heat generation should be avoided and efficient removal of shavings must be ensured. Types of machining include sawing, drilling, turning, milling and planing, punching, thread cutting and grinding.

Environmental advantages:

- Noise and dust reduction
- Reduction of vibration and noise in cabin

LinaShield is a highly durable product





About Perspex South Africa

Perspex South Africa has been the market leader in the supply of quality cast acrylic products in sub-Saharan Africa for over 60 years. Our head office is located in Johannesburg, South Africa, and forms the hub of our operation. Our extensive national footprint includes sales offices and warehouses in Cape Town, Durban and Port Elizabeth, which also houses our extrusion manufacturing facility.

Our full product range ensures we have a product for every project or industry. It includes extruded acrylic, PETG, and Multiwall polycarbonate, all of which are supplied from reputable international manufacturers; and locally manufactured ABS, Acrylic Capped ABS, high impact polystyrene and high density polyethylene. Perspex SA's technical staff will advise on the best solution for the job and explain the forming and fabrication capabilities of our raw material. All our products carry appropriate warranties.

Perspex SA believes in pushing boundaries because we're passionate about plastic and the creative possibilities it presents. We love finding solutions that show off the endless creative potential the Perspex SA range of products offers.

Perspex Product Range:

Print | Fabricate | Create | Glaze | Sanware | Sign | Industrial | Chemicals

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