

PRODUCT GUIDE



YOUR TRUSTED PARTNER FOR **WEAR SOLUTIONS** IN THE MINING INDUSTRY

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WHAT DO WE OFFER?

- ✓ POLYURETHANE
- ✓ CERAMIC
- ✓ SILICON CARBIDE (SIC)
- ✓ METALLIC

OUR COMPANY

APAC Wear Solutions is a specialist supplier of high-performance products designed to protect critical assets across the Resource, Energy and Infrastructure sectors throughout the Asia-Pacific region.

Backed by extensive industry knowledge, we deliver complete wear management solutions that help mining and heavy industries operate more efficiently in demanding environments. Our team has the technical capability to develop customised polyurethane, ceramic, silicon carbide and metallic wear solutions tailored to specific operational requirements.

Safety remains fundamental to everything we do. The health and wellbeing of our team is our highest priority, ensuring every solution is delivered with the highest standards of workmanship and operational integrity.

At APAC Wear Solutions, our goal is to be a trusted partner for durable, high-performance wear protection systems. Through engineering expertise, quality materials and innovative design, we help our clients across Asia-Pacific extend asset life, minimise downtime and maximise productivity in challenging mining conditions.

WHY CHOOSE US?

- ✓ QUALITY FOCUSED
- ✓ PERFORMANCE-DRIVEN MATERIALS
- ✓ TRUSTED ACROSS ASIA-PACIFIC
- ✓ CUSTOM ENGINEERED PRODUCTS

Polyurethane Solutions

Discover the ultimate in durability and performance with our specialised polyurethane solutions, tailored to meet the demands of Asia-Pacific mining and other heavy industries.

From custom OEM replacement parts to a comprehensive range of liners, accessories and our premium POLYLITE and POLYFLOW products, we ensure your operations achieve maximum longevity and productivity.

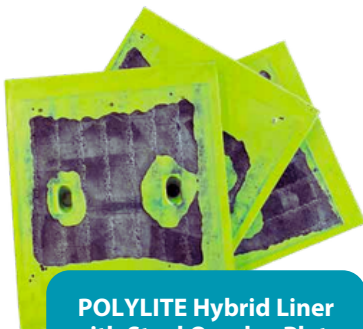
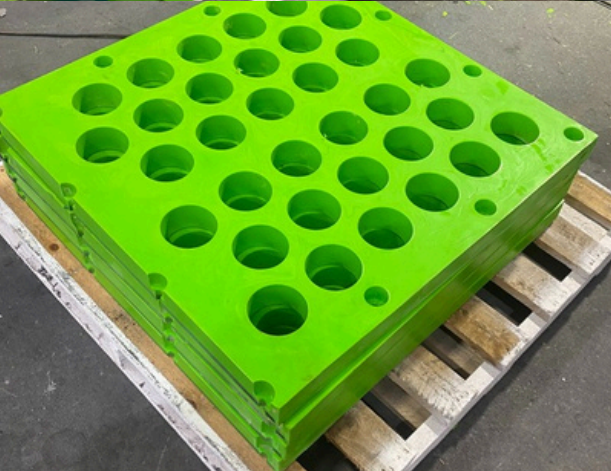
Our advanced polyurethane formulations, reinforced with specialised additives, are engineered to perform in the harshest mining environments. They deliver superior abrasion resistance, flexibility, noise reduction and long-term durability.

In demanding applications such as feeder and screen discharge areas, our polyurethane outperforms steel, plastic, and rubber — providing unmatched toughness and wear resistance where it's needed most.

For a seamless experience, we offer on-site application analysis, customisation and packaging designed for compliance with OHS standards.

Polyurethane Parts, Liners & Accessories

- **Polyurethane Primary Scraper Blades** (High-speed iron ore)
- **POLYFLOW Polyurethane Skirting** (60 Duro - Available in various widths & lengths)
- **Polyurethane Screen Curtains**
- **POLYLITE Hard-skirt Wear Liners**
- **POLYFLOW Wear Sheets**
- **Polyurethane Lagging Options**
- **Polyurethane Cast Impact Rollers**
- **Polyurethane Accessories** including Piping, Belt Cleaners, Cyclone Spigots & Custom Molded Parts.



**POLYLITE Hybrid Liner
with Steel Overlay Plate
Available**





Wear Resistant Lining - Polyurethane

Our innovative lining solutions features our POLYLITE polyurethane lining applied internally, specifically designed for applications involving highly abrasive slurries and corrosive chemicals.

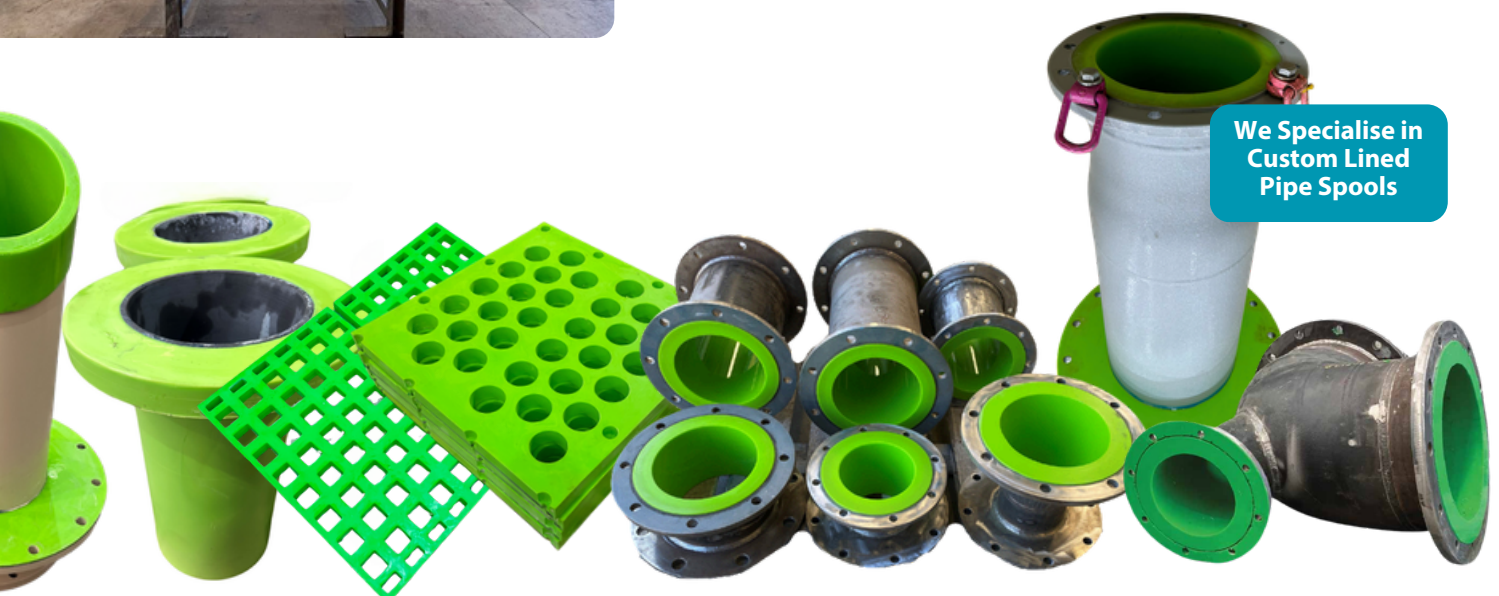
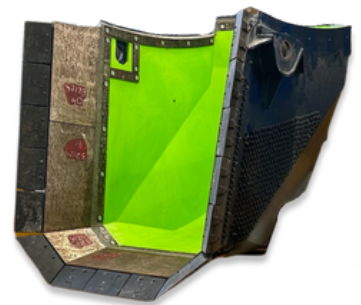
Polyurethane lining is exceptionally durable in the mining industry due to its outstanding abrasion and impact resistance properties. This material excels in protecting mining equipment from premature wear, extending its lifespan in harsh operating condition.

Our polyurethane lining is widely used to safeguard chutes, pipes and other equipment that come into contact with abrasive materials during mining operations. Their ability to withstand high temperatures, resist chemicals and maintain stability in various environmental conditions makes them ideal for the demanding mining sector.

We understand that every application has unique needs, we provide a selection of polyurethane grades to deliver tailored solutions.

Lining Applications

- Pipework
- Chutes & Hoppers
- Pulleys & Rollers
- Cyclones, Pumps & Valves
- Screening Equipment
- Conveyor Accessories
- Wear Liners & Sheets
- Reclaimer Buckets, and more.



**We Specialise in
Custom Lined
Pipe Spools**



Ceramic Solutions

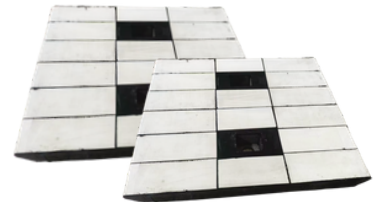
We offer ceramic tiling and lining solutions for specialised industrial components. Tailored to your specific needs, our ceramic products deliver unparalleled protection for applications, ensuring extended longevity and improved performance.

Our versatile ceramic wear range seamlessly integrates with both mobile and fixed plant equipment, offering robust protection for a wide array of applications. From **chutes and spools to reclaimer bucket wear lining**, our custom solutions stand up to the toughest challenges.

Additionally, we offer **ceramic lagging**, featuring both direct bond dimple tile and flat tile options. We also supply repair solutions such as our **UltraWear Ceramic Compound**.

Application Options

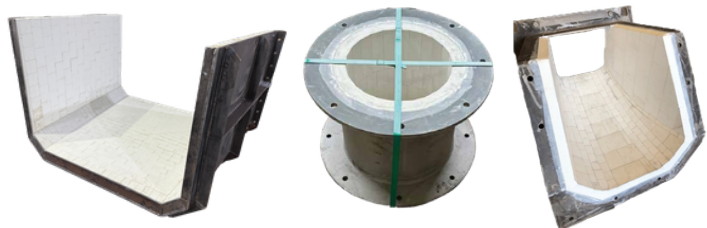
- Spools / Pipes
- Chutes
- Reclaimer Buckets
- Cyclones
- Launderers, and more.

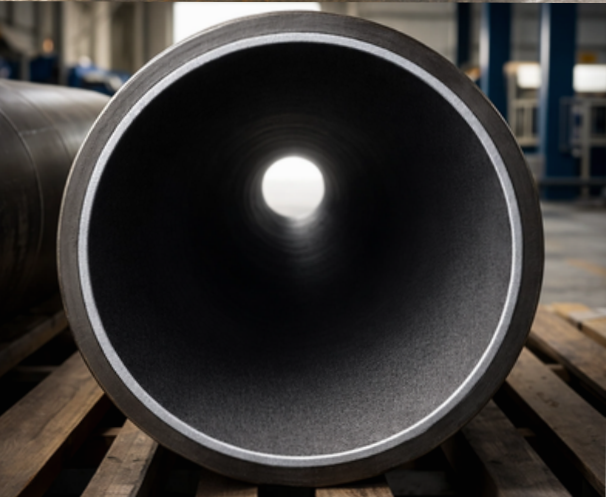


SPECIFICATIONS: Ceramic (92%, 95% ZTA, SiC)

Tile Thickness Range: 6/ 13/ 25/ 50/ 100mm.

Total Liner Thickness Range: 37/ 50/ 63/ 112/ 163mm.





Silicon Carbide Solutions

We supply a comprehensive range of silicon carbide solutions is available, including **Reaction Bonded (RBSiC)**, **Nitride Bonded (NBSiC)** and **Sintered (SSiC)** engineered to deliver outstanding wear, corrosion and thermal shock resistance — making them ideal for severe mining and industrial applications.

Every product is precision-engineered delivering exceptional wear resistance, accurate fit and consistent quality.

With extreme abrasion, high temperatures and corrosive elements, our silicon carbide (SiC) products provide significantly extended service life compared to conventional wear materials.

This product is available in an extensive range of shapes, sizes & thicknesses. Each component can be customised, cut and integrated to suit chutes, pipes, cyclones and high-wear zones — helping reduce downtime, improve reliability and increase cost-effectiveness.

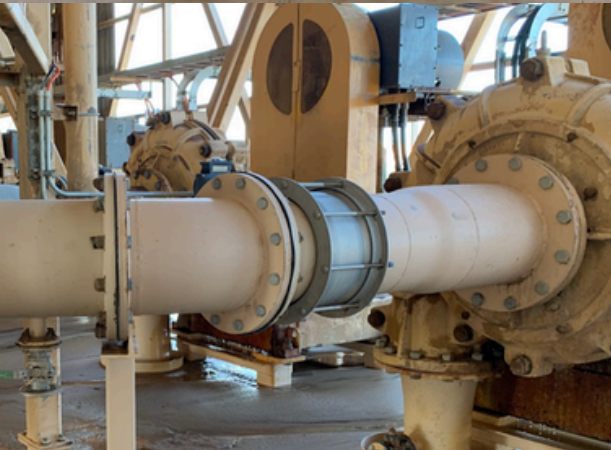
** Polyurethane coating available.*

Components & Accessories

- Beams
- Burner Tubes
- Burner Nozzle & Fluidize Bed Nozzle
- Thermocouple Sheaths
- Burner nozzles
- Wear Liners
- Kiln Shelves
- Cyclone Components



Available in
Various Size &
Thickness



Pipework Solutions

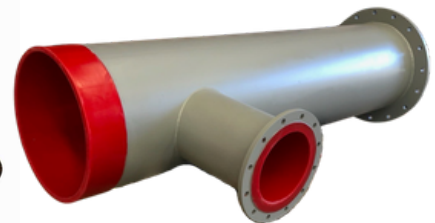
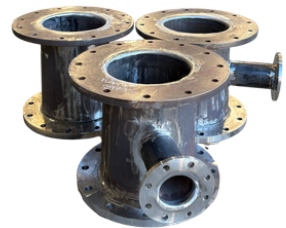
We offer precision and reliability in industrial pipework solutions. Our expert team of welders and fabricators is dedicated to designing, fabricating and repairing pipework – including high-quality pipe spools – tailored to each client's unique site specifications.

From initial concept through to final installation, we work closely with you to develop custom designs that perfectly match your application requirements, whether for mining, bulk materials handling, oil and gas, water treatment or general industry.

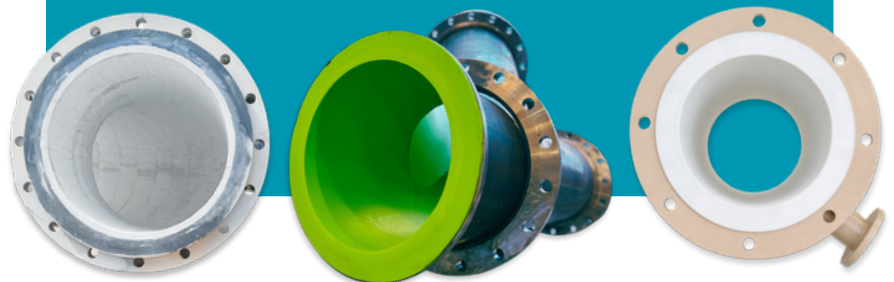
With a focus on quality craftsmanship and innovative engineering, we ensure every product meets rigorous safety and performance standards. Our comprehensive services cover everything from single pipe spools to complete pipeline assemblies, supported by advanced fabrication techniques and a commitment to on-time delivery. We aim to deliver robust, durable solutions that enhance your operational efficiency.

Configurations

- Pipe Straight Spool
- Pipe Bend Spool
- Pipe Y-Bend/ Lateral Spool
- Pipe Custom Spool
- Pipe T-Bend/ Reducing Tee Spool
- Customised Configurations



LINING OPTIONS CERAMIC, POLYURETHANE OR RUBBER





CUSTOM SOLUTIONS

We supply premium, custom-fabricated solutions, including Structural Steel, Pipework and Platework, engineered for a wide range of industrial applications.

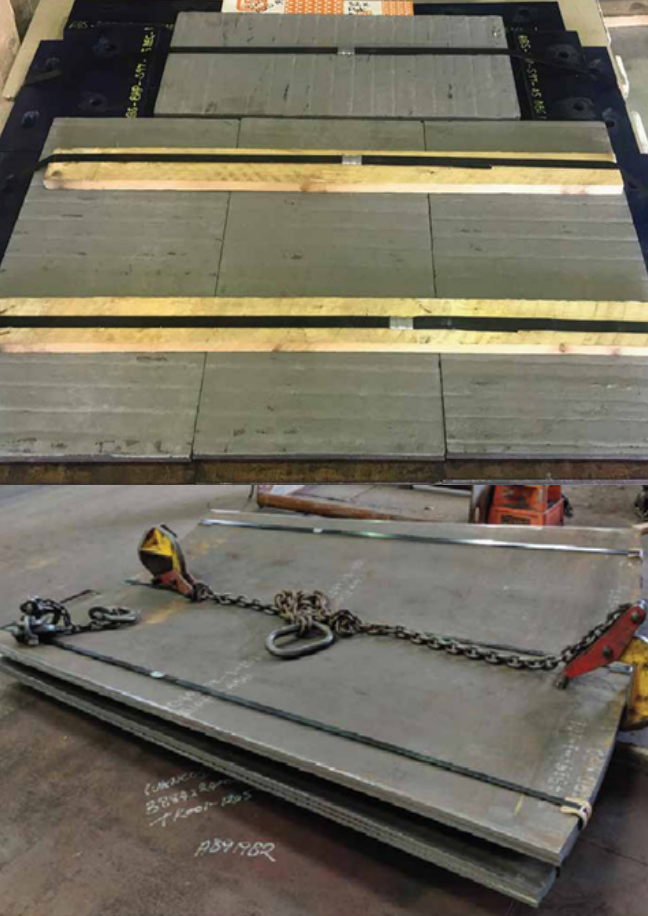
From large-scale fabrication to complex weld procedures, we can supply high-quality Stainless Steel (SS) and Carbon Steel fabrication solutions. With strict quality control at every stage, we ensure each project is manufactured to meet your exact specifications.

Parts, Components & Accessories

- Launderers
- Platforms/ Handrails/ Grating
- Platework
- Transfer Chute
- Structural Steel Parts
- Custom Components, and more



*AS1554.1 Welding Certification



METALLIC SOLUTIONS

We supply precision metallic solutions, engineered to perform in the toughest industrial and mining environments.

We offer premium-grade metallic liners, including **Chromium (Cr)** and **Tungsten Carbide (WC)**, specifically selected for their exceptional strength, wear resistance and durability across a wide range of industrial applications. Each component is manufactured to required standards, ensuring consistent quality, superior performance & long service life.

Whether for high-impact wear parts including alloys, structural assemblies or specialised equipment, our metallic solutions provide the reliability and productivity your projects demand — keeping your operations running efficiently.

Contact us for custom-made metallic solutions, including welded and machined parts, specific to your on-site application.

Parts, Components & Accessories

- Ni-Hard Castings
- CCO Wear Plate
- Chocky Bars
- Wear Buttons
- Wear Billets
- Custom Components



From mining to heavy industry, our advanced wear-resistant solutions **extend component life, reduce maintenance costs & keep your operations running at peak efficiency** — sustainably.



UltraWear-LT Ceramic Wear Compound

UltraWear-LT (SiC) Ceramic Wear Compound is a premium-grade wear protection system engineered to withstand the harshest industrial environments. The compound is reinforced with high-grade ceramic beads and silicon carbide particles, delivering exceptional resistance against extreme wear conditions such as heavy abrasion, erosion and particle impact.

The formulation incorporates advanced fibre technology, which significantly enhances adhesion strength and impact tolerance, ensuring long-lasting protection even under dynamic loading. The addition of silicon carbide (SiC) further elevates abrasion resistance, making UltraWear-LT an ideal solution for extending equipment life and reducing maintenance downtime in demanding applications.

Also available in UltraWear Trowelable and Brushable Ceramic Wear Compound Repair kits.

Applications:

- Chutes, Hoppers & Transfer Points handling abrasive materials.
- Cyclones, Classifiers & Separators exposed to high particle wear.
- Mining & Mineral Processing Equipment.
- Cement, Steel & Power Generation applications.
- Pumps, Fans & Ducts where erosion resistance is critical.

Features:

- Abrasion and impact resistance.
- Silicon Carbide (SiC)/ Ceramic beads.
- Fibre technology.
- Easy to mix & apply.
- Excellent adhesion to substrate.
- Non-Dangerous Good for transport.
- Manufactured in Australia.
- Range of kit sizes eg. 3kg, 10kg.
- 100% solids.



**Exclusively
Available at APAC
Wear Solutions**



CONVEYOR WEAR SOLUTIONS

From standard wear parts to fully customised components designed for your specific application, our expert team delivers precision-engineered solutions that optimise your material handling systems. Combining technical expertise with innovative polyurethane materials, we provide reliable, high-performance components, parts and accessories that enhance operational efficiency & extend equipment life.

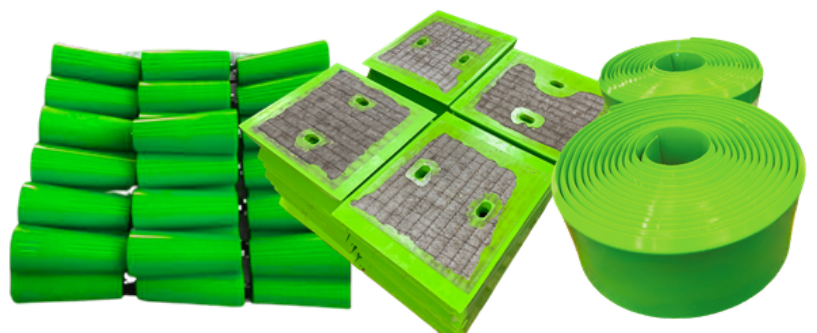
Our commitment to quality means each product is carefully manufactured and verified to ensure exceptional performance in your specific industrial environment.

Conveyor Components & Accessories

- **POLYFLOW Polyurethane Skirting** (60 Duro - Available in various widths & lengths)
- **POLYLITE Hard-skirt Wear Liners**
- **Light-Weight Conveyor Rollers**
- **Pulley Lagging**
- **Ceramic Hard-Skirt Liners**
- **Dual Cartridge Belt Repair Kit** (ISO-SAFE 65)
- **Heavy Duty Impact Beds**
- **Diagonal/ Diverter/ V-Ploughs**
- **Mounting Cushions & Tips** (P & H Type)
- **Polyurethane Primary Replacement Blades**

Our conveyor rollers are sourced with lightweight composite material with patented design sealing arrangements & are available custom made to suit any requirements.

Contact us for a custom-made, cost effective materials handling solution specific to your on-site application.



**For all your
Industrial Wear Solutions.**

Scan Here



TOTAL ASSET PROTECTION FOR MINING & HEAVY INDUSTRIES

Contact



SALES & ENQUIRIES

ASIA-PACIFIC



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