



magnum[®]
RUBBER



m[®]
RUBBER

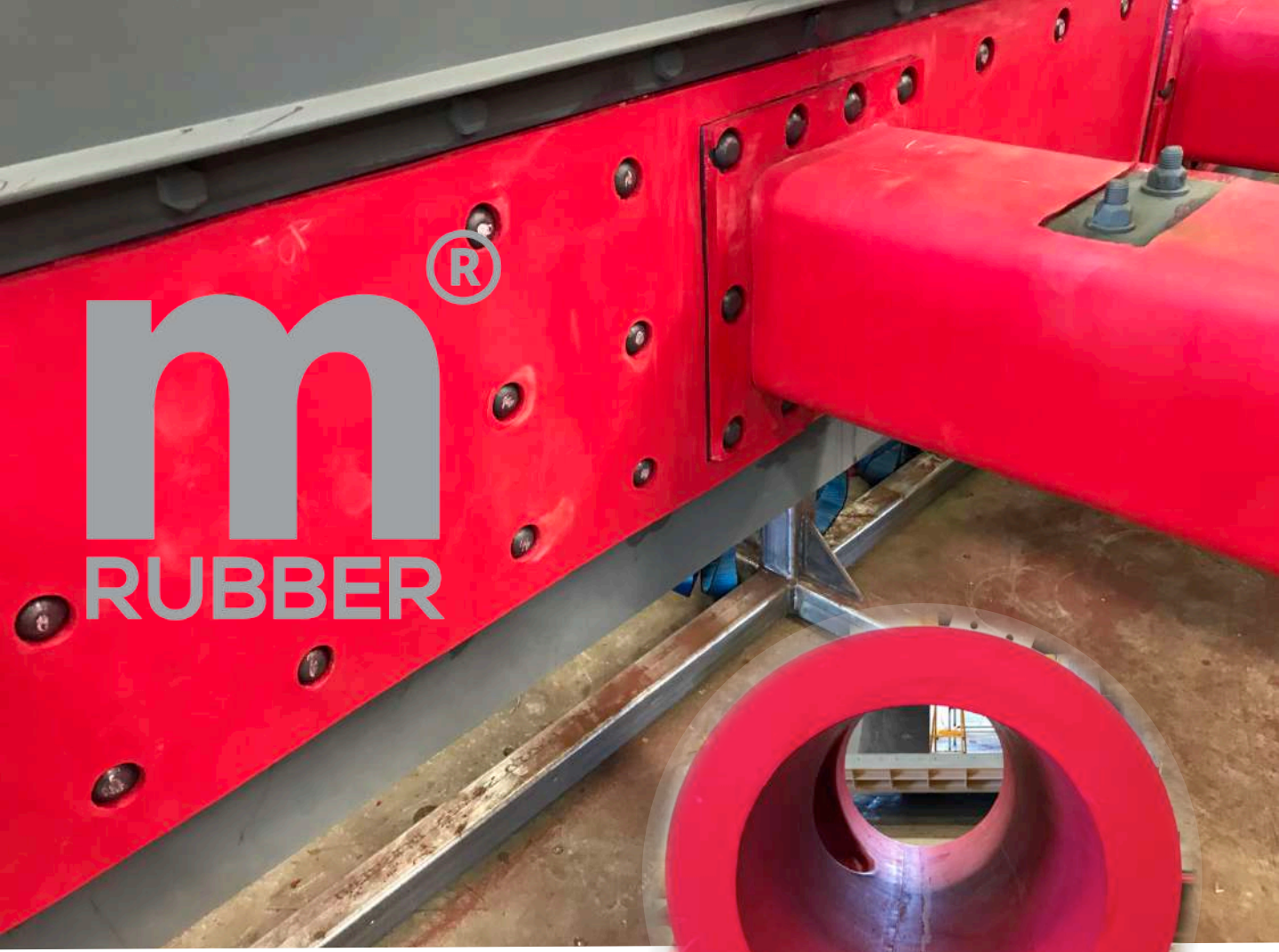


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m
RUBBER





Introduction

Magnum Rubber is part of the Amcorp Group. Amcorp Group is UK based private limited company with offices and manufacturing facilities in the UK, Australia and Malaysia.

Magnum Rubber products are manufactured with the highest quality equipment to ensure we exceed our client's expectations every time.

We produce our rubber in a government recognized plant with over 30 rotocure lines, 8 compression moulding presses and with a capacity of 40,000 tons of rubber products per annum.

Magnum Rubber is committed to continuous improvement and extensive R&D to enable us to create products that will outperform its competitors. Our goal is to provide the mining industry with products they can rely on to reduce downtime and to protect capital equipment.



Features & Applications

- ✓ High Performance Natural Rubber
- ✓ 38 Duro Shore A
- ✓ Superior resistance to abrasion
- ✓ High elasticity and tensile strength
- ✓ Outstanding cut and tear and strength
- ✓ Available in custom colours, widths and thickness



Various finishes available:



Technical Specification

PART NO	DIMENSIONS	BONDING TYPE	HARDNESS SHORE A (± 5)	TENSILE STRENGTH Kg/cm ² DIN 53504 (ASTM D412)	ELONGATION % DIN 53504 (ASTM D412)	SPECIFIC GRAVITY g/cm ³ DIN 53508 ASTM D297
MAGPRO3803CN	3mm x 1500mm x 10m	CN LAYER	38	3627 psi	900	0.98 (max)
MAGPRO3806CN	6mm x 1500mm x 10m	CN LAYER	38	3627 psi	900	0.98 (max)
MAGPRO3810CN	10mm x 1500mm x 10m	CN LAYER	38	3627 psi	900	0.98 (max)
MAGPRO3812CN	12mm x 1500mm x 10m	CN LAYER	38	3627 psi	900	0.98 (max)
MAGPRO3803BB	3mm x 1500mm x 10m	BUFF BACK	38	3627 psi	900	0.98 (max)
MAGPRO3806BB	6mm x 1500mm x 10m	BUFF BACK	38	3627 psi	900	0.98 (max)
MAGPRO3810BB	10mm x 1500mm x 10m	BUFF BACK	38	3627 psi	900	0.98 (max)
MAGPRO3812BB	12mm x 1500mm x 10m	BUFF BACK	38	3627 psi	900	0.98 (max)

* Custom colours, widths, lengths and thickness's available upon request



magmax[®]

RUBBER

Features & Applications

- ✓ High Performance Natural Rubber
- ✓ 40 Duro Shore A
- ✓ Excellent resistance to abrasion
- ✓ High elasticity and tensile strength
- ✓ Excellent cut and tear and strength
- ✓ Available in custom colours, widths and thickness



Various finishes available:



Technical Specification

PART NO	DIMENSIONS	BONDING TYPE	HARDNESS SHORE A (± 5)	TENSILE STRENGTH Kg/cm ² DIN 53504 (ASTM D412)	ELONGATION % DIN 53504 (ASTM D412)	SPECIFIC GRAVITY g/cm ³ DIN 53508 ASTM D297
MAGMAX4003BB	3mm x 1500mm x 10m	BUFF BACK	40	2442 psi	656.5	1.10 ± 5
MAGMAX4006BB	6mm x 1500mm x 10m	BUFF BACK	40	2442 psi	656.5	1.10 ± 5
MAGMAX4010BB	10mm x 1500mm x 10m	BUFF BACK	40	2442 psi	656.5	1.10 ± 5
MAGMAX4012BB	12mm x 1500mm x 10m	BUFF BACK	40	2442 psi	656.5	1.10 ± 5
MAGMAX4003CN	3mm x 1500mm x 10m	CN LAYER	40	2442 psi	656.5	1.10 ± 5
MAGMAX4006CN	6mm x 1500mm x 10m	CN LAYER	40	2442 psi	656.5	1.10 ± 5
MAGMAX4010CN	10mm x 1500mm x 10m	CN LAYER	40	2442 psi	656.5	1.10 ± 5
MAGMAX4012CN	12mm x 1500mm x 10m	CN LAYER	40	2442 psi	656.5	1.10 ± 5

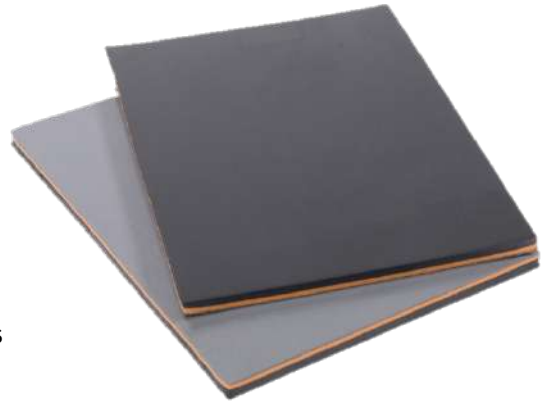
* Custom colours, widths, lengths and thickness's available upon request

magdual[®]

RUBBER

Features & Applications

- ✓ High Performance Natural Rubber
- ✓ Orange Indication Layer (other colours available)
- ✓ Available in 40 and 60 Duro Shore A
- ✓ Excellent resistance to abrasion
- ✓ High elasticity and tensile strength
- ✓ Available in custom colours, widths and thickness



Various finishes available:



Both Sides
Smooth



Fine
Fabric



Rough
Fabric



Buffed
Back



CN Bonding
Layer

Technical Specification

PART NO	DIMENSIONS	BONDING TYPE	HARDNESS SHORE A (± 5)	TENSILE STRENGTH Kg/cm ² DIN 53504 (ASTM D412)	ELONGATION % DIN 53504 (ASTM D412)	SPECIFIC GRAVITY g/cm ³ DIN 53508 ASTM D297
MAGIL4003CN	3mm x 1500mm x 10m	CN LAYER	40	2586 psi	656.5	1.08 ± 5
MAGIL4006CN	6mm x 1500mm x 10m	CN LAYER	40	2586 psi	656.5	1.08 ± 5
MAGIL4010CN	10mm x 1500mm x 10m	CN LAYER	40	2586 psi	656.5	1.08 ± 5
MAGIL4012CN	12mm x 1500mm x 10m	CN LAYER	40	2586 psi	656.5	1.08 ± 5
MAGIL6003CN	3mm x 1500mm x 10m	CN LAYER	60	2657 psi	505	1.12 ± 5
MAGIL6006CN	6mm x 1500mm x 10m	CN LAYER	60	2657 psi	505	1.12 ± 5
MAGIL6010CN	10mm x 1500mm x 10m	CN LAYER	60	2657 psi	505	1.12 ± 5
MAGIL6012CN	12mm x 1500mm x 10m	CN LAYER	60	2657 psi	505	1.12 ± 5

* Custom colours, widths, lengths and thickness's available upon request

magblack[®]

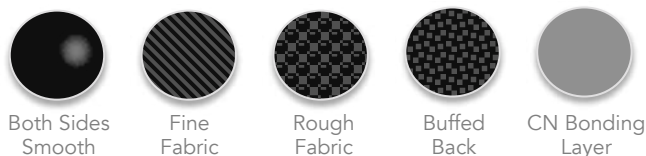
RUBBER

Features & Applications

- ✓ High Performance Natural Rubber
- ✓ Corrosion resistant
- ✓ 60 Duro Shore A
- ✓ Excellent resistance to abrasion and impact
- ✓ High elasticity and tensile strength
- ✓ Available in custom colours, widths and thickness



Various finishes available:



Technical Specification

PART NO	DIMENSIONS	BONDING TYPE	HARDNESS SHORE A (± 5)	TENSILE STRENGTH Kg/cm ² DIN 53504 (ASTM D412)	ELONGATION % DIN 53504 (ASTM D412)	SPECIFIC GRAVITY g/cm ³ DIN 53508 ASTM D297)
MAGBLK6003CN	3mm x 1500mm x 10m	CN LAYER	60	2631 psi	500	1.12 ± 5
MAGBLK6006CN	6mm x 1500mm x 10m	CN LAYER	60	2631 psi	500	1.12 ± 5
MAGBLK6010CN	10mm x 1500mm x 10m	CN LAYER	60	2631 psi	500	1.12 ± 5
MAGBLK6012CN	12mm x 1500mm x 10m	CN LAYER	60	2631 psi	500	1.12 ± 5

* Custom colours, widths, lengths and thickness's available upon request



magorange[®]

RUBBER

Features & Applications

- ✓ High Performance Natural Rubber
- ✓ 38 Duro Shore A
- ✓ Superior resistance to abrasion
- ✓ High elasticity and tensile strength
- ✓ Outstanding cut and tear and strength
- ✓ Available in custom colours, widths and thickness



Various finishes available:



Technical Specification

PART NO	DIMENSIONS	BONDING TYPE	HARDNESS SHORE A (± 5)	TENSILE STRENGTH Kg/cm ² DIN 53504 (ASTM D412)	ELONGATION % DIN 53504 (ASTM D412)	SPECIFIC GRAVITY g/cm ³ DIN 53508 ASTM D297)
MAGORA3803CN	3mm x 1500mm x 10m	CN LAYER	38	2900 psi	650	1.05 ± 5
MAGORA3806CN	6mm x 1500mm x 10m	CN LAYER	38	2900 psi	650	1.05 ± 5
MAGORA3810CN	10mm x 1500mm x 10m	CN LAYER	38	2900 psi	650	1.05 ± 5
MAGORA3812CN	12mm x 1500mm x 10m	CN LAYER	38	2900 psi	650	1.05 ± 5

* Custom colours, widths, lengths and thickness's available upon request



magbiir[®]

RUBBER

Features & Applications

- ✓ High Performance Bromobutyl Rubber
- ✓ High temperature and chemical resistance
- ✓ 50 Duro Shore A
- ✓ Resistance to abrasion and impact
- ✓ High elasticity and tensile strength
- ✓ Available in custom colours, widths and thickness



Various finishes available:



Both Sides Smooth



Fine Fabric



Rough Fabric



Buffed Back



CN Bonding Layer

Technical Specification

PART NO	DIMENSIONS	BONDING TYPE	HARDNESS SHORE A (± 5)	TENSILE STRENGTH Kg/cm ² DIN 53504 (ASTM D412)	ELONGATION % DIN 53504 (ASTM D412)	SPECIFIC GRAVITY g/cm ³ DIN 53508 ASTM D297)
MAGBIIR5003CN	3mm x 1500mm x 10m	CN LAYER	50	574 psi	374	1.27 ± 5
MAGBIIR5006CN	6mm x 1500mm x 10m	CN LAYER	50	574 psi	374	1.27 ± 5
MAGBIIR5010CN	10mm x 1500mm x 10m	CN LAYER	50	574 psi	374	1.27 ± 5
MAGBIIR5012CN	12mm x 1500mm x 10m	CN LAYER	50	574 psi	374	1.27 ± 5

* Custom colours, widths, lengths and thickness's available upon request

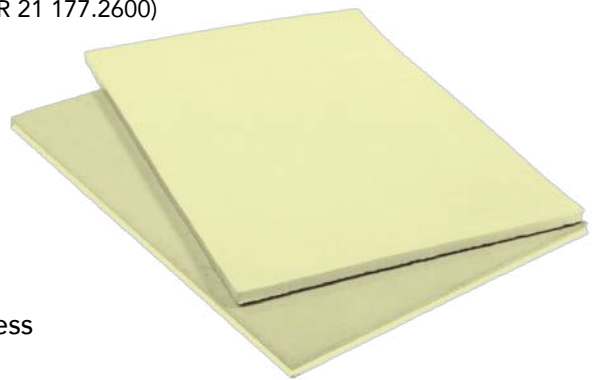


magFDA[®]

RUBBER

Features & Applications

- ✓ High Performance Natural Rubber
- ✓ FDA Approved (USA Food & Drug Administration CFR 21 177.2600)
- ✓ EU Approved (EU regulations 1935/2004)
- ✓ Food processing and pharmaceuticals industry
- ✓ 40 Duro Shore A
- ✓ Superior resistance to abrasion
- ✓ High elasticity and tensile strength
- ✓ Available in custom colours, widths and thickness



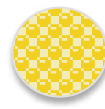
Various finishes available:



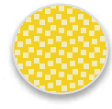
Both Sides
Smooth



Fine
Fabric



Rough
Fabric



Buffed
Back

Technical Specification

PART NO	DIMENSIONS	BONDING TYPE	HARDNESS SHORE A (± 5)	TENSILE STRENGTH Kg/cm ² DIN 53504 (ASTM D412)	ELONGATION % DIN 53504 (ASTM D412)	TEAR ANGULAR Min (ASTM D624)
MAGFDA4003	3mm x 1500mm x 10m	SMOOTH	40	220	700	40
MAGFDA006	6mm x 1500mm x 10m	SMOOTH	40	220	700	40
MAGFDA4010	10mm x 1500mm x 10m	SMOOTH	40	220	700	40
MAGFDA4012	12mm x 1500mm x 10m	SMOOTH	40	220	700	40

* Custom colours, widths, lengths and thickness's available upon request



magozone[®]

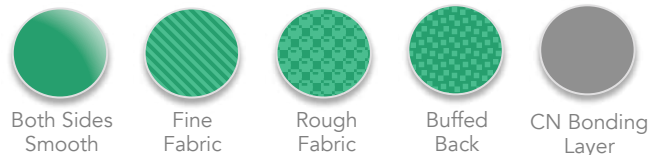
RUBBER

Features & Applications

- ✓ High Performance Natural Rubber
- ✓ Excellent resilience to weathering and Ozone UV Light
- ✓ Good sound absorption and vibration dampening
- ✓ 40 Duro Shore A
- ✓ Superior resistance to abrasion
- ✓ High elasticity and tensile strength
- ✓ Outstanding cut and tear and strength
- ✓ Available in custom colours, widths and thickness



Various finishes available:



Technical Specification

PART NO	DIMENSIONS	BONDING TYPE	HARDNESS SHORE A (± 5)	TENSILE STRENGTH Kg/cm2 DIN 53504 (ASTM D412)	ELONGATION % DIN 53504 (ASTM D412)	SPECIFIC GRAVITY g/cm3 DIN 53508 ASTM D297)
MAGOZ4003CN	3mm x 1500mm x 10m	CN LAYER	40	220	750	1.05
MAGOZ4006CN	6mm x 1500mm x 10m	CN LAYER	40	220	750	1.05
MAGOZ4010CN	10mm x 1500mm x 10m	CN LAYER	40	220	750	1.05
MAGOZ4012CN	12mm x 1500mm x 10m	CN LAYER	40	220	750	1.05
MAGOZ4003BB	3mm x 1500mm x 10m	BUFF BACK	40	220	750	1.05
MAGOZ4006BB	6mm x 1500mm x 10m	BUFF BACK	40	220	750	1.05
MAGOZ4010BB	10mm x 1500mm x 10m	BUFF BACK	40	220	750	1.05
MAGOZ4012BB	12mm x 1500mm x 10m	BUFF BACK	40	220	750	1.05

* Custom colours, widths, lengths and thickness's available upon request



magnum[®]

COMMERCIAL RUBBER SHEETING



magnatural[®]

RUBBER

- ✓ Magnum Natural Rubber
- ✓ 60 and 65 Duro Shore A
- ✓ Available with or without insertion layer
- ✓ Cotton or Nylon insertion layers available
- ✓ 1200mm wide rolls
- ✓ Various thickness's available



magneoprene[®]

RUBBER

- ✓ Magnum Neoprene Rubber
- ✓ 60 and 65 Duro Shore A
- ✓ Available with or without insertion layer
- ✓ Cotton or Nylon insertion layers available
- ✓ 1200mm wide rolls
- ✓ Various thickness's available



magnitrile[®]

RUBBER

- ✓ Magnum Nitrile Rubber
- ✓ 60 and 65 Duro Shore A
- ✓ Available with or without insertion layer
- ✓ Cotton or Nylon insertion layers available
- ✓ 1200mm wide rolls
- ✓ Various thickness's available



magviton[®]

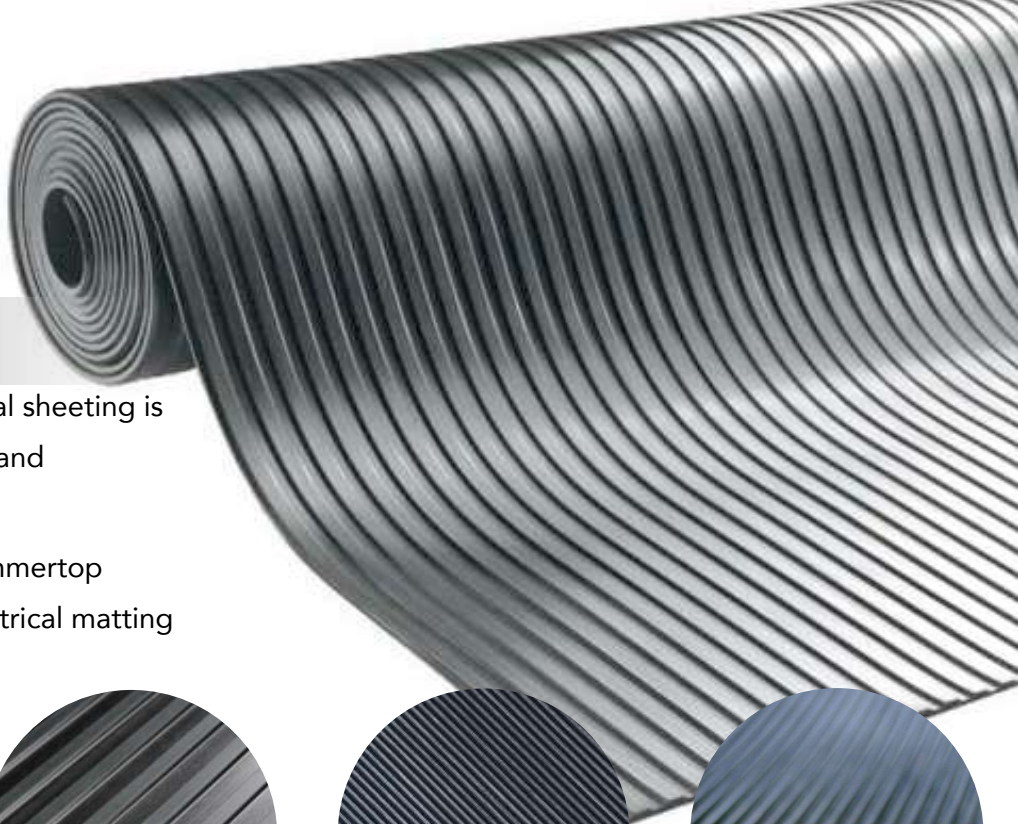
RUBBER

maghypalon[®]

RUBBER

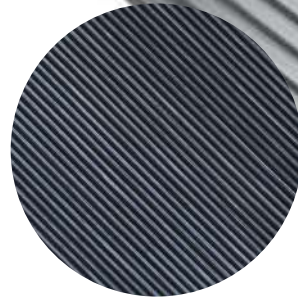
*Viton and Hypalon rubber available upon request. Various dimensions and grades available.





Magnum rubber commercial sheeting is available in various grades and dimensions.

- ✓ Ribbed
- ✓ Flute
- ✓ Coin
- ✓ Hammertop
- ✓ Electrical matting



magcoin[®]
RUBBER

magflute[®]
RUBBER

magribbed[®]
RUBBER

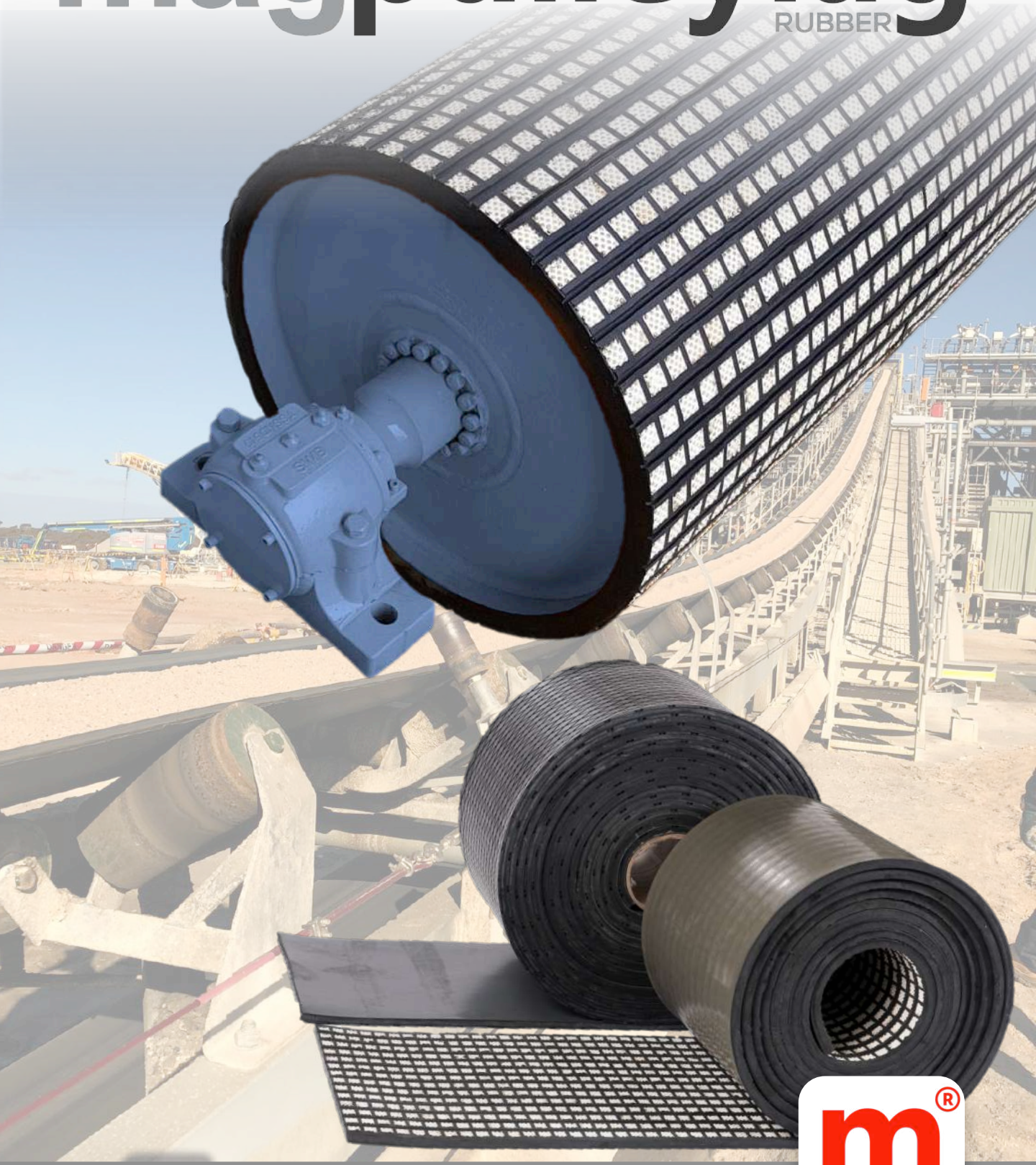


General purpose rubber sheeting with a wide range of applications
Different grades available



magpulleylag[®]

RUBBER

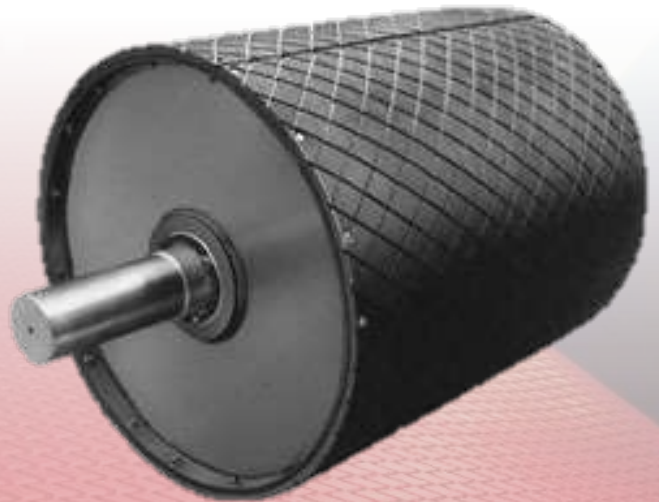


magpulleylag[®]

RUBBER

Magnum pulley lagging rubber is used as a protective surface to improve and extend the life of a pulley. We manufacture in various dimensions and profiles. Depending on your requirements we can manufacture in rolls or strips.

- ✓ High Performance Natural Rubber
- ✓ Easy to fit
- ✓ Manufacturing capacity of up to 2000mm wide
- ✓ 3mm – 20mm thick
- ✓ Improves belt traction
- ✓ 40, 60 and 65 Duro Shore A
- ✓ CN Backed for improved adhesion levels
- ✓ Buff back also available
- ✓ Reduces energy consumption
- ✓ Increases belt life
- ✓ FDA, FRAS And White Nitrile available
- ✓ Ceramic and Diamond profiles custom made



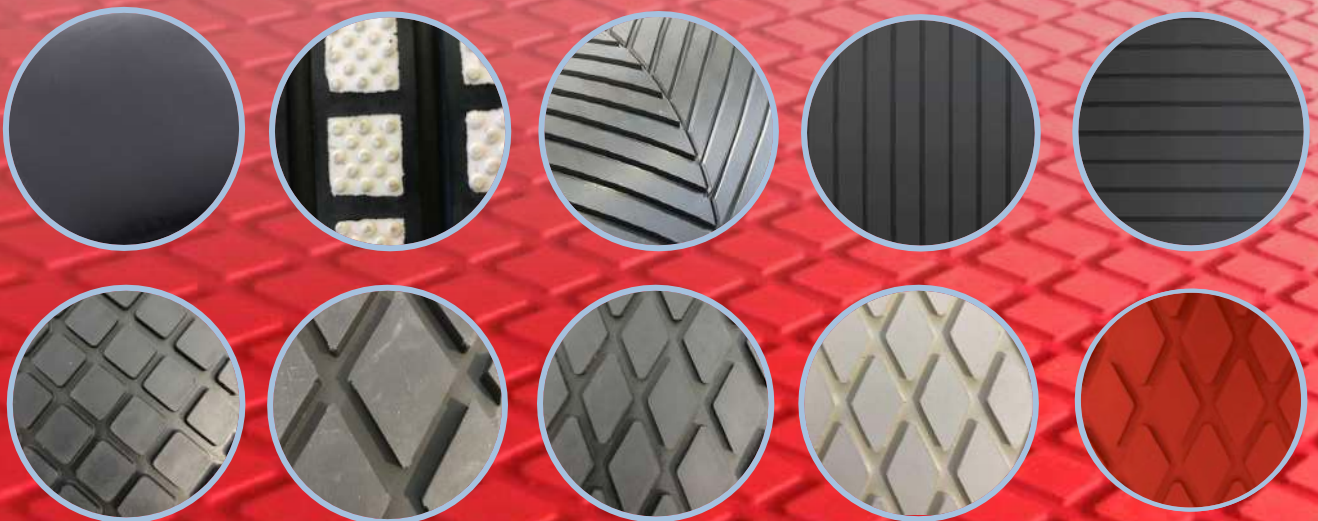
Various bonding types available:



Buffed
Back



CN Bonding
Layer



magskirting[®]

RUBBER

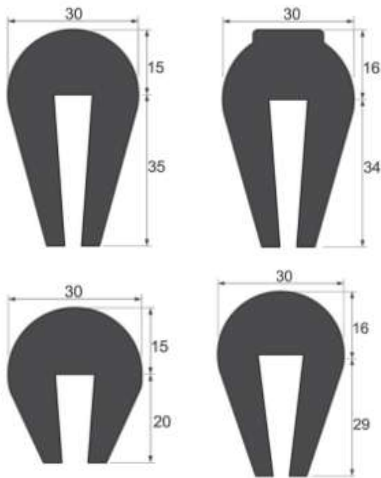
Magnum Skirting and capping rubber is available in many dimensions depending on your requirements. Skirting rubber is essential to improve conveyor belt performance and to reduce spillage and down time. It is used to reduce belt slippage, improve tracking and extend the life of the belt, bearings and other components. Our skirting and capping is available in Rubber and Polyurethane.

- ✓ High Performance Natural Rubber
- ✓ High Performance Polyurethane available
- ✓ Easy to fit
- ✓ Excellent resistance to abrasion
- ✓ Customs dimensions available
- ✓ Excellent elongation
- ✓ 3mm – 60mm thick
- ✓ Improves belt traction and reduces spillage
- ✓ 40, 60 and 65 Duro Shore A
- ✓ Reduces energy consumption
- ✓ Increases belt life



magcapping[®]

RUBBER



*Capping rubber available upon request.
Various dimensions and grades available.





Magnum Skirting and capping Polyurethane is available in many dimensions depending on your requirements. Skirting is essential to improve conveyor belt performance and to reduce spillage and down time. It is used to reduce belt slippage, improve tracking and extend the life of the belt, bearings and other components. Our skirting and capping is available in Polyurethane and rubber.

POLY CAPPING



- ✓ High Performance Polyurethane
- ✓ High Performance Rubber available
- ✓ Easy to fit
- ✓ Excellent resistance to abrasion
- ✓ Customs dimensions available
- ✓ Excellent elongation
- ✓ 3mm – 60mm thick
- ✓ Improves belt traction and reduces spillage
- ✓ 40, 60 and 65 Duro Shore A
- ✓ Reduces energy consumption
- ✓ Increases belt life



magnum[®]

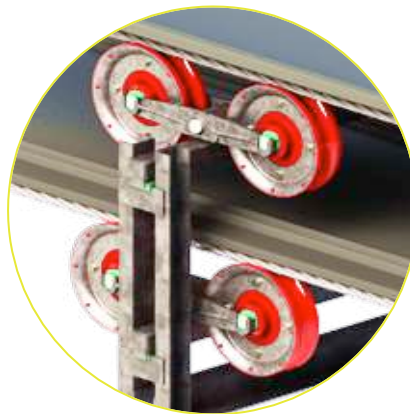


Cable Conveyor E Rims



Our Cable Conveyor E Rims are made from long wearing polyurethane, chemically bonded and moulded onto the steel rim with precise accuracy.

- ✓ Superb wear resistance
- ✓ Bespoke sizes available upon request
- ✓ Engineered, manufactured and poured in Australia



magnum[®]

DRILL & BLAST



magnum[®]

POLY ROD WIPERS

Polyurethane deck seals and rod wiper discs are there to clean your rods and provide a dust/mud barrier between the rod and the upper deck.

Made from long wearing polyurethane, they have superb wear resistance and will outlast rubber in most environments. They come in two standard sizes, however we can customise them to suit your dimensions.

We also fabricate a housing unit to hold both a wiper disc and deflector cone, or just a wiper disc depending on your drill configuration.

Minimising dust transmission through the deck not only makes for a more pleasant working environment for the driller, but also cuts down on wear on many of the moving parts above the deck.



POLY ROD WIPER DISC AFTER 5 WEEKS



RUBBER ROD WIPER DISC AFTER 2 WEEKS



magnum[®]

DEFLECTORS



magnum[®]

DEFLECTORS



Poly or Rubber Drill Deflectors

- ✓ Easy set up and install kit
- ✓ Available in Poly or Rubber
- ✓ All hardware included
- ✓ Cuttings are deflected towards the rear
- ✓ Reduce the need for re-drills
- ✓ Improve the cabin atmosphere as fallback dust is deflected away.
- ✓ Leave clear precise holes behind



BEFORE DEFLECTOR FITTED



AFTER DEFLECTOR FITTED



magnum[®]

SELF INFLATING GAS BAGS

Simple but effective self-inflating bag which can be used in both open cut and underground blasting.

- ✓ The use of Air decks in production blasting can save up to 35% of your explosives consumption.
- ✓ Drop a Gas Bag on top of small amounts of water and use ANFO instead of a cartridge of bulk emulsion.
- ✓ Pre-splitting with large diameter holes for slope stability on surface mine high walls.
- ✓ Reduce air noise and fly rock.
- ✓ Pit limit stabilisation to increase mineable ore in limited areas.
- ✓ Block off holes through old workings, natural cavities and the bottoms of holes in VCR work.
- ✓ Seal off exploration holes at a reasonable depth with concrete poured on top of the Gas Bag.
- ✓ Limit throw for opening holes on narrow benches to contain the muck pile.
- ✓ Temporary seals for drill holes between mine levels.
- ✓ Air decking for standing off the coal/ore bed to reduce shock damage.
- ✓ For multi decking in through seam blasting.

**EXCITING
NEW
TECHNOLOGY**

**COST
EFFECTIVE
SOLUTION**

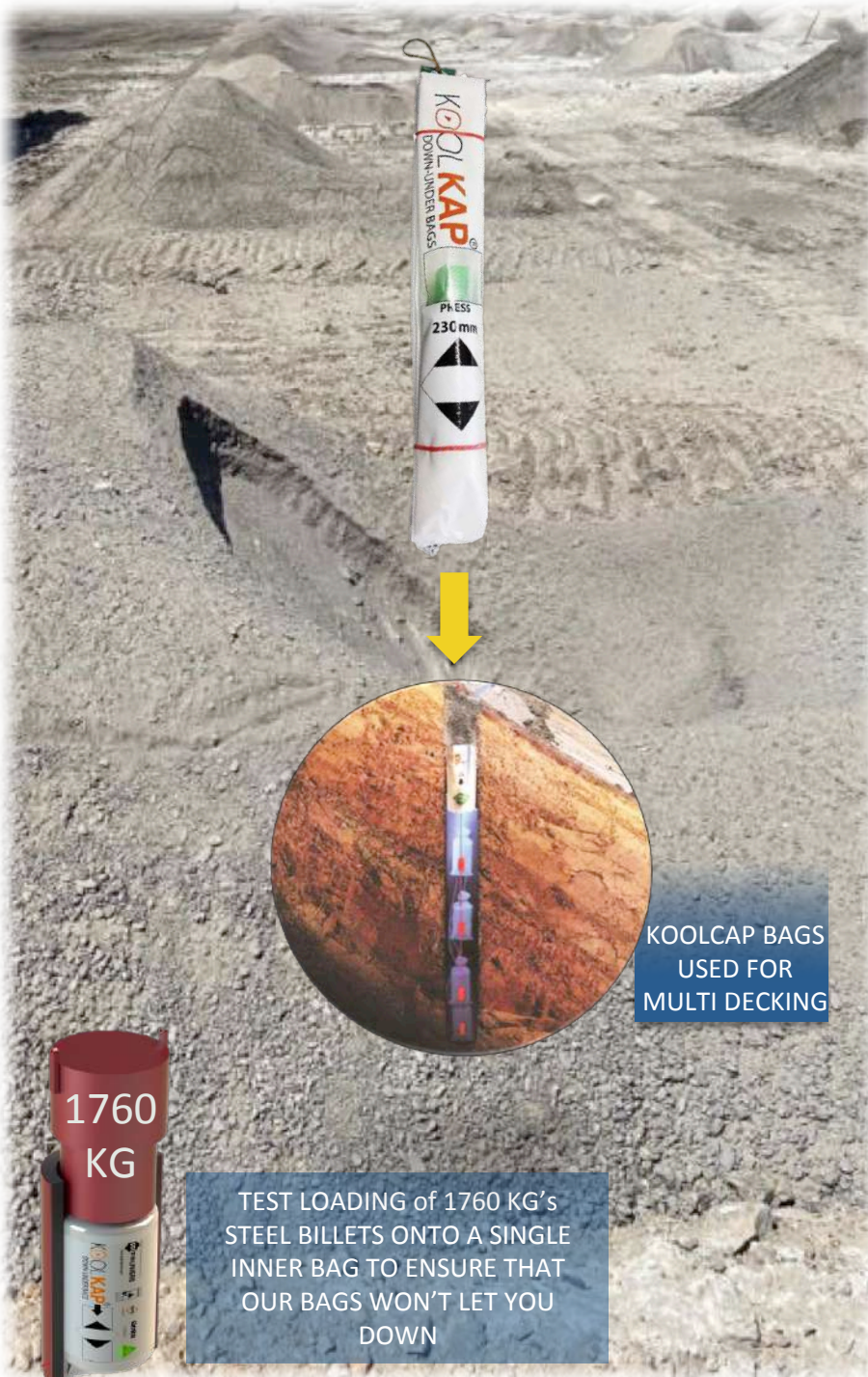


**ZERO
HFC's**



magnum[®]

SELF INFLATING GAS BAGS



- ✓ Proudly manufactured in Australia.
- ✓ Our reliable bags have been tested with a 1760kg load to ensure that you will not be let down.
- ✓ Ideal for all weather conditions
- ✓ Various sizes available.
- ✓ Air decking for pre-splits, significantly reduce powder consumption.
- ✓ Can be decked above de-watered blast holes.
- ✓ Deck stemming to prevent contamination of the explosives.
- ✓ Limit throw for opening holes on narrow benches to contain the muck pile.
- ✓ Temporary seals for drill holes between mine levels.
- ✓ Air decking for standing off the coal/ore bed to reduce shock damage.
- ✓ For multi decking in through seam blasting.

1760
KG

TEST LOADING of 1760 KG's
STEEL BILLETS ONTO A SINGLE
INNER BAG TO ENSURE THAT
OUR BAGS WON'T LET YOU
DOWN

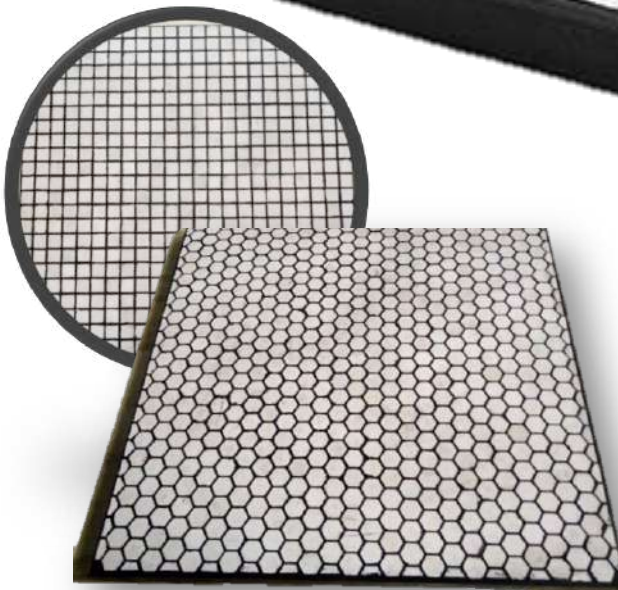
KOOLCAP BAGS
USED FOR
MULTI DECKING



magmatting[®]

RUBBER

CERAMIC MATS

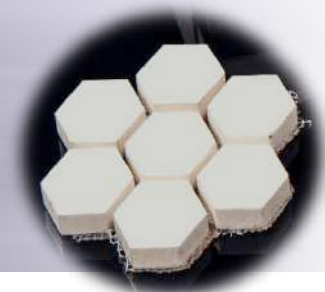


Magnum Ceramic matting is available in a wide range of options and dimensions depending on your requirements. These range from Rubber backed to steel backed, and studded. Moulded ceramic rubber can also be provided with a CN backing dependent on requirements of the application.



magnum[®]

CERAMICS



Magnum ceramics are composed of three different types of alumina, to suit different types of mining applications.

- ✓ High Performance ceramic tiles
- ✓ Direct bond
- ✓ Rubber backed
- ✓ Pulley lagging strips
- ✓ Easy to fit
- ✓ Friction resistance high performance
- ✓ Superb impact resistance
- ✓ Highly chemical resistant
- ✓ High temperature endurance
- ✓ Ceramic profiles can be custom made as per requirements



magnum[®]

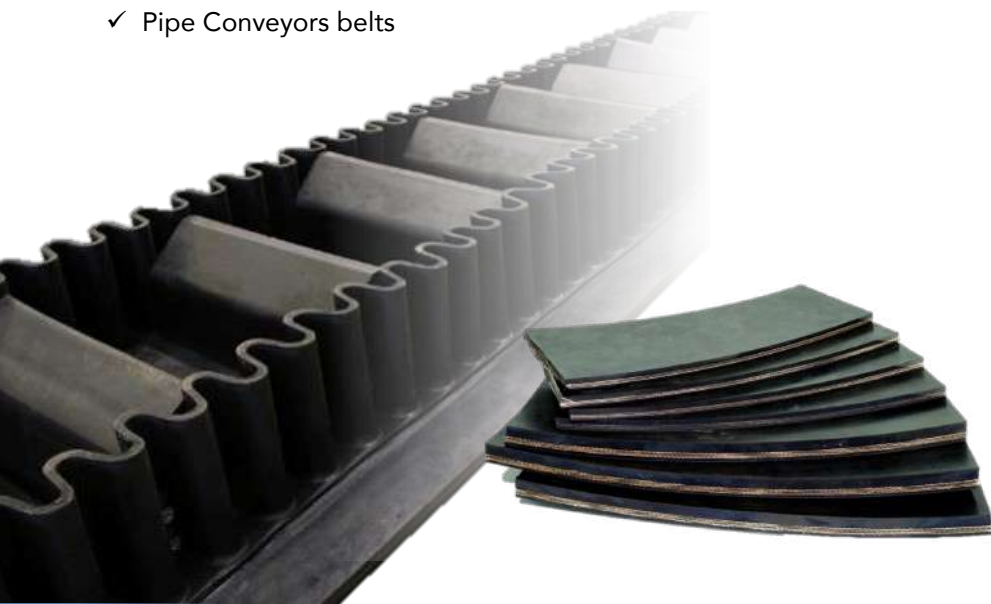
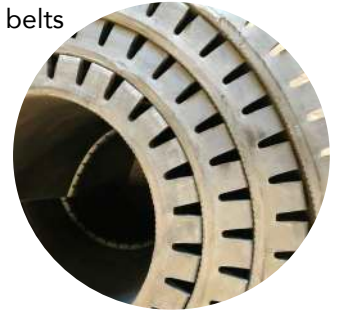
CONVEYOR BELTS





Magnum conveyor belts have been supplied to distributors, applicators and mines sites around the globe. We can manufacture to your exact requirements including bespoke specs and dimensions. Excellent quality, Competitive pricing and reliable technical support.

- ✓ Fabric Belts
- ✓ Nylon / Nylon Carcass
- ✓ Polyester / Nylon Carcass
- ✓ PVC Belts
- ✓ Oil and Flame Resistant MOR / OR
- ✓ Heat Resistant and Fire-Retardant FR/FRAS
- ✓ Rough top
- ✓ Coal Feeder belts
- ✓ Pipe Conveyors belts
- ✓ Thermoplastic Polyurethane belts
- ✓ Steel Cord
- ✓ Rip Stop
- ✓ Chevron
- ✓ Endless and Sidewall
- ✓ Bucket Elevator
- ✓ Kevlar
- ✓ Fiber



REPAIR PATCHES

Magnum Repair Patches is a long lasting permanent patch system specifically formulated for rapid cure time and extreme adhesion.

- ✓ Compatible with all brands of adhesive
- ✓ Neoprene backed patches
- ✓ Patches and strips available



magCCO[®]

LINERS

Magnum CCO Liners are perfectly suited for hard facing applications. Our HTCC (High Tungsten Chromium Carbide) offers high impact and abrasion resistance with the ability to withstand higher temperatures and extreme wear conditions.

- ✓ Chutes
- ✓ Bin
- ✓ Hoppers
- ✓ Buckets
- ✓ High wear zones
- ✓ Wear bands
- ✓ Earth moving equipment
- ✓ Can be countersunk and counter bore
- ✓ Bespoke profiles and design can be engineered to your exact requirements.



magnum[®]

ADHESIVES & CHEMICALS



MAGNUM RUBBER CEMENT



MAGNUM EPOXY HI DENSITY



MAGNUM ETCHING PRIMER



TOLUENE



magnum[®]
RUBBER





RUBBER

www.magnumrubber.com.au