

PR POLYMERS



POLYURETHANE SPECIALISTS

KOOL KAP®

DOWN-UNDER BAGS CHARGE BAGS



DRILLING & BLASTING CONSUMABLES & ACCESSORIES



ABOUT PR POLYMERS

Founded in 1992, PR Polymers Pty Ltd (PRP) is a privately owned Australian company that specialises in the manufacture and supply of mineral processing products, drilling consumables and air decking / stemming products for the mining and drilling industries.

The manufacturing, packaging and marketing of our products within our range are carried out in Australia. Our products are made with Australian harsh weather conditions in mind which make our products suitable for use all over the world.

We understand the needs and standards required to ensure our products are reliable, economical and provide solutions for our customers. In little over two decades, PRP have grown to become an industry leader and in that time has gained an enviable reputation for the quality and performance of its innovative product range.

KoolKap Down-Under Bags

KoolKap Classic Down-Under Bags



600 per pallet,
25 bags per box
165mm (6 ½")
200mm (7 7/8")
230mm (9")
250mm (9 7/8")
270mm (10 5/8")
311mm (12 ¼")

Part Number

KK165
KK200
KK230
KK250
KK270
KK311

Customised sizes available

KoolKap Down-Under DUO's



165mm (6 ½")
200mm (7 7/8")
230mm (9")
250mm (9 7/8")
270mm (10 5/8")
311mm (12 ¼")

KK165DUO
KK200DUO
KK230DUO
KK250DUO
KK270DUO
KK311DUO

Customised sizes available

KoolKap Down-Under LQ



165mm (6 ½")
200mm (7 7/8")
230mm (9")
250mm (9 7/8")
270mm (10 5/8")
311mm (12 ¼")

KK165LQ
KK200LQ
KK230LQ
KK250LQ
KK270LQ
KK311LQ

Customised sizes available

HIGH TEMP



Part Number

High Temperature Bag:
Type 1 from 80°C - 100°C

165mm (6 ½")	KK165HT
200mm (7 7/8")	KK200HT
230mm (9")	KK230HT
250mm (9 7/8")	KK250HT
270mm (10 5/8")	KK270HT
311mm (12 ¼")	KK311HT



Very High Temperature Bag:
Type 2 from 100°C - 120°C

165mm (6 ½")	KK165VHT
200mm (7 7/8")	KK200VHT
230mm (9")	KK230VHT
250mm (9 7/8")	KK250VHT
270mm (10 5/8")	KK270VHT
311mm (12 ¼")	KK311VHT

CORD



18m (59 ft)
6.1m (20 ft)
Available on Foam or Bamboo

CHARGE BAGS

Part Number

Available in 50lt/100lt
230mm (9")

KCB230

270mm (10 5/8")

KCB270

Other sizes available by request



DUO LINERS

Available in a range of
diametres and lengths
to suit your needs



KoolKap® Duo Liners

- Robust laminated polypropylene cloth
- Factory sealed for sure water resistance
- Made to length with overhang for filling
- Protects charge from wet walls
- Ballast pocket in nose cone
- No cutting or tying
- Suitable for dry and de-watered holes with voids



KoolKap® Charge Bags

A recurring problem on site is blasting in wet areas of the mine. Whether static or dynamic, it is always a challenge to deal with water.

KoolKap® Charge Bags are a self-contained decoupled charge for use in the larger diameter blast holes of open cut mining, especially coal and iron ore mines.

They can hold up to 100kg of product and the booster/primer can be placed directly in the product or in the external pouch.

The bag can be tied closed to prevent contamination during its lowering down the hole, allowing you to use dry product in wet holes and it won't be washed out by dynamic water.

The KoolKap® Charge Bag prevents dead pressing in blast columns over 70 metres and can be placed precisely adjacent to hard bands in wet holes.

You can also suspend the charge at whatever depth you need to reduce powder factors in blown out holes or in pre-splits.



Environment

Contamination of creeks and ground water is a major concern. In holes with dynamic water, gels and emulsions can get washed out and enter the water table. Having a sealed charge eliminates the problem.

Loading and Use

There are a couple of methods to load the bags. One is with a spitz lift. The bag can be hung on the frame while you pump/auger product into the bag then simply lower the bag down the hole to your desired depth with the winch. There is also a trapeze system that can be suspended from LV cranes.

In conjunction with one of our customers, we have also developed the KCB lowering device which can be used from a forklift.

KINGLON POLY CHAIN



20 Metre	(65 feet)	KPC20
30 Metre	(98.4 feet)	KPC30
50 Metre	(164 feet)	KPC50
100 Metre	(328 feet)	KPC100

SURVEYOR ROPE



30 Metre	(98.4 feet)	SR30
50 Metre	(164 feet)	SR50
100 Metre	(328 feet)	SR100

TAJIMA FIBERGLASS TAPES



30 Metre	(98.4 feet)	TFT30
50 Metre	(164 feet)	TFT50
100 Metre	(328 feet)	TFT100

DIPPING WEIGHTS THIN/WIDE BASE



Thin Base

Black	240g (0.53 lbs)	DW240-B
Red	420g (0.93 lbs)	DW420-R
Yellow	460g (1.01 lbs)	DW460-Y
Blue	620g (1.37 lbs)	DW620-B
Green	720g (1.59 lbs)	DW720-G



Wide Base

Black	200g (0.44lbs)	DWWB200-B
Red	450g (1 lbs)	DWWB450-R
Yellow	500g (1.1 lbs)	DWWB500-Y
Blue	635g (1.39 lbs)	DWWB635-B
Green	750g (1.65 lbs)	DWWB750-G

DET CORD CUTTERS



Det Cord Cutters	DCC190
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DRILL HOLE SAVERS



100mm-150mm Red (4" – 7")	DHS150-R
230mm Red (9")	DHS230-R
270mm Red (10 5/8")	DHS270-R
381mm (15")	DHS381-R/G

Other Colours may be available on demand

DRILL HOLE SAVER TRAILER



Holds approximately 350+ Drill Hole Savers	DHSTrailer-230 DHSTrailer-270
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PIN MARKERS



Sold Per Box (500/1000)

Pin Marker Blue
Pin Marker Green
Pin Marker Orange
Pin Marker Pink
Pin Marker Red
Pin Marker White
Pin Marker Yellow

Part Number

PM500-B
PM500-G
PM500-O
PM500-P
PM500-R
PM500-W
PM500-Y

SAFETY PYRAMIDS



Available in Various Colours

900mm (2.9 feet)
Blue
Green
Red
Yellow

ELSP900-B
ELSP900-G
ELSP900-R
ELSP900-Y

700mm (2.4 feet)
Blue
Green
Red
Yellow

LSP700-B
LSP700-G
LSP700-R
LSP700-Y



500mm (1.64 feet)
Blue
Green
Red
Yellow

SSP500-B
SSP500-G
SSP500-R
SSP500-Y

Labelling POA

PRP FLAGGING TAPE



Blue
Green
Pink
Red
White
Yellow

FT25-75-B
FT25-75-G
FT25-75-P
FT25-75-R
FT25-75-W
FT25-75-Y

PRP REFLECTALINE



Reflectaline 500 Metre
Roll (546.8 Yards)

RL500

SAFETY CONES



750mm (29.5") High
Available in Yellow &
Red

SC750-R
SC750-Y

1300mm (51") High

SC1300-G
SC1300-R

Labelling POA

SOLAR SAFETY LIGHTS/CASE/HOLDER



- Solar Safety lights minimum order 10
- | | |
|----------------|-----------------|
| Blue | SSL160-B |
| Green | SSL160-G |
| Red | SSL160-R |
| Yellow (Amber) | SSL160-Y |
- Safety Solar Light Case **SSLC-12**
Shock Proof, Water Resistant,
Dust Proof, holds 12 Safety Solar Lights
- Yellow Safety Solar Light **SSLH-165**
Holder (Minimum Order 10)

TRAFFIC CONES



- 700mm (2.3 feet) Traffic Cones
With Heavy Base & Reflective Collars
- | | |
|-------------------------|----------------|
| Blue 700mm (2.3 feet) | TC700-B |
| Green 700mm (2.3 feet) | TC700-G |
| Orange 700mm (2.3 feet) | TC700-O |
| Yellow 700mm (2.3 feet) | TC700-Y |
- 450mm Traffic Cones with
Reflective Collars
- | | |
|-------------------------|----------------|
| Blue 450mm (1.4 feet) | TC450-B |
| Green 450mm (1.4 feet) | TC450-G |
| Orange 450mm (1.4 feet) | TC450-O |
| Yellow 450mm (1.4 feet) | TC450-Y |
- SPARE REFLECTIVE SLEEVES
AVAILABLE TO SUIT BOTH SIZES
- | | |
|-------|--|
| Blue | |
| Red | |
| White | |

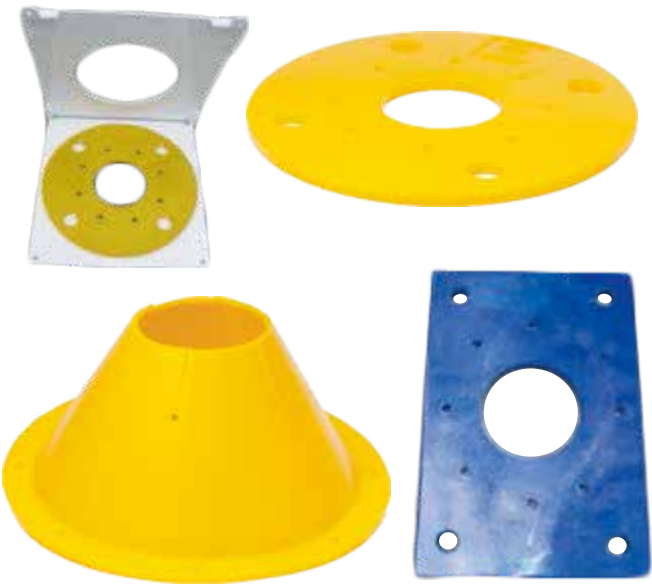
Part Number

DEFLECTOR SHEETS



Custom made to suit all types of drills
Sheets & Kits

DECK SEALS (ROD WIPERS) DEFLECTOR CONES (SMALL & LARGE)



Made to suit all types of drills
With different size Drill Rods

PLENUM SEALS



Made to suit all types of drills and
Made to measure

DEFLECTOR SHEETS

PR Polymers Deflector Sheets are specifically designed to ensure your cuttings are deflected well away from the hole, reducing wasteful and costly redrilling from fallback.

Your priority is bailing cuttings out of the hole as efficiently as possible. Our experience ensures that this happens. Our Deflector Sheets have been engineered with high rebound qualities. This means cuttings are distributed away from the hole, leaving you with larger chips in your pile, not a mound of dust that keeps refilling your hole.

As a result:

- Your cuttings pile can be used as stemming
- Better particle size distribution will reduce the height of your cuttings pile
- Larger particle size and less regrind will cut down airborne respirable dust
- Reduce drill maintenance costs by up to 50%



DUST CONTAINMENT CURTAIN



10 Metre Roll X 1200mm
3 Ply Tan Colour

Part Number

DCC-3PT

DUST SUPPRESSION SYSTEMS



Dust suppression systems designed to suit the deck layout and the air/water units on your drills.

LABELLING SAFETY PYRAMIDS/CONES/EXAMPLES



BOTTLE BRUSHES



PART NUMBER

Bottle brush 102mm **BB-102**

BOTTOM BOOSTER CENTRALISERS



Bottom Booster
Centraliser to suit
76mm - 102mm **BBC-89**

CORE CUTTER TRAYS



Various models available

BQ Core Cutter Tray Blue **CT460-EBQ**

Enclosed HQ Core
Cutter Tray Yellow **CT460-EHQ**

Open Solid V Core
Cutter Tray Blue **CT460-OV**

KOOLKAP KOOLER TANK



Holds up to 45 Litres
2 Cartons of Ales & Ice **KKT-001**

SIZES FOR SAFETY PYRAMIDS / SAFETY CONES

300mm (12")



1300mm (4.2ft)

200mm (7 7/8")



750mm (2.5ft)

495mm (19 1/2") 3kg (6 1/2lbs)

889mm (35") 14kg (31lbs)

335mm (13 7/8")



700mm (2.3ft)

220mm (8 5/8")



500 mm (1.64ft)

790mm (2.59 ft) 3kg (6 1/2lbs)

1119mm (3.67 ft) 5kg (11lbs)

Size of Letters will vary depending on Amount of Words used and size of Safety Pyramid/Cone ordered. Prices on Asking (POA)

MISCELLANEOUS ITEMS AVAILABLE BY REQUEST



Misfire Pocket Socks with or without clear pocket for documents



Dy-Mark Spray Paint
Mine Marking Paint, Various Colours
Available, Flammable & Non-Flammable

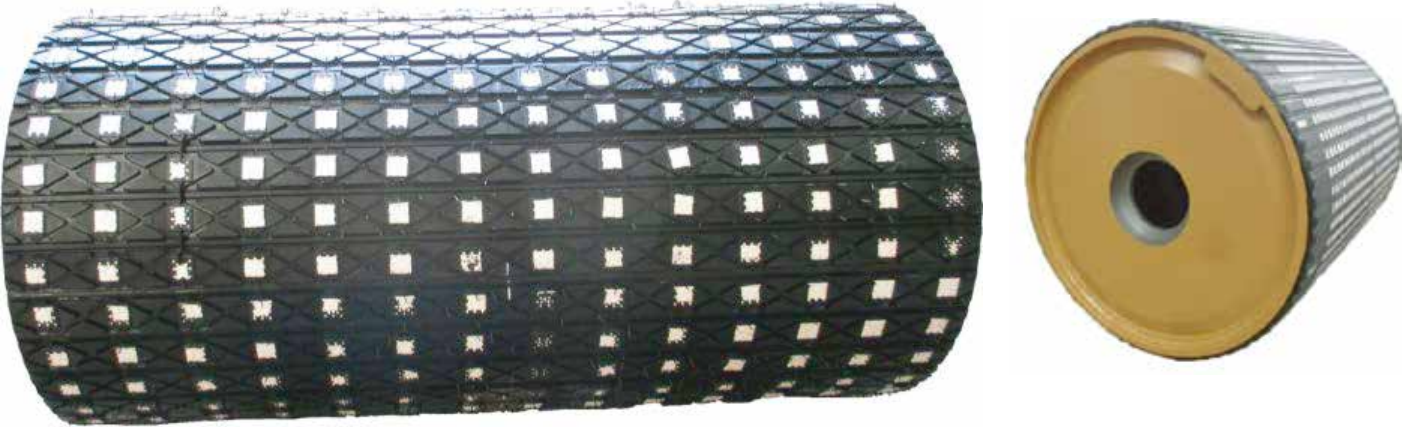


Head Sox, various colours available

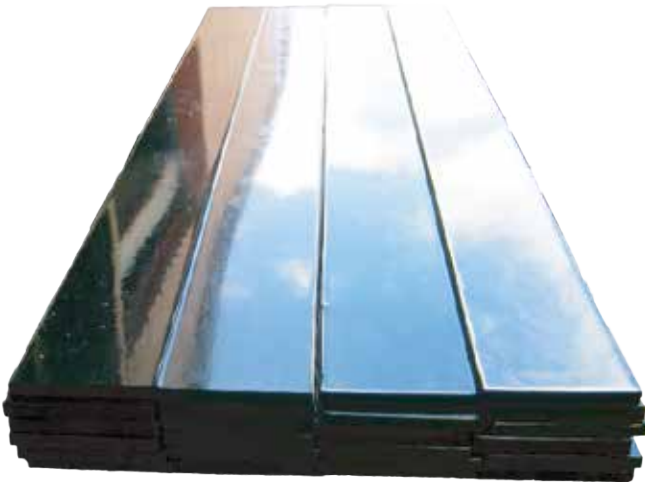
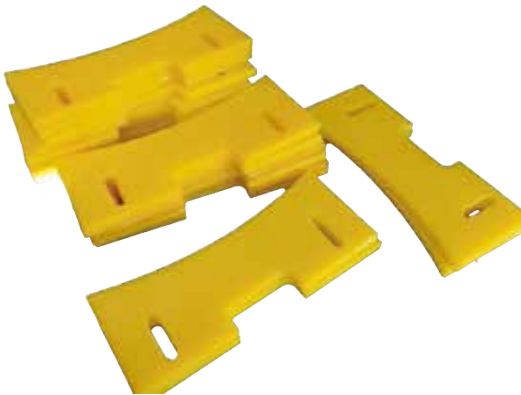


Clay Targets
Dome Branded -108mm, qty 150 per box
Battue – 110mm, qty 180 per box

Various Colours available.



WEAR COMPONENTS
Belt & Wheel Scrapers



Hydrocyclones



Continuous Conveyor pulleys



Mast/Wear Slides



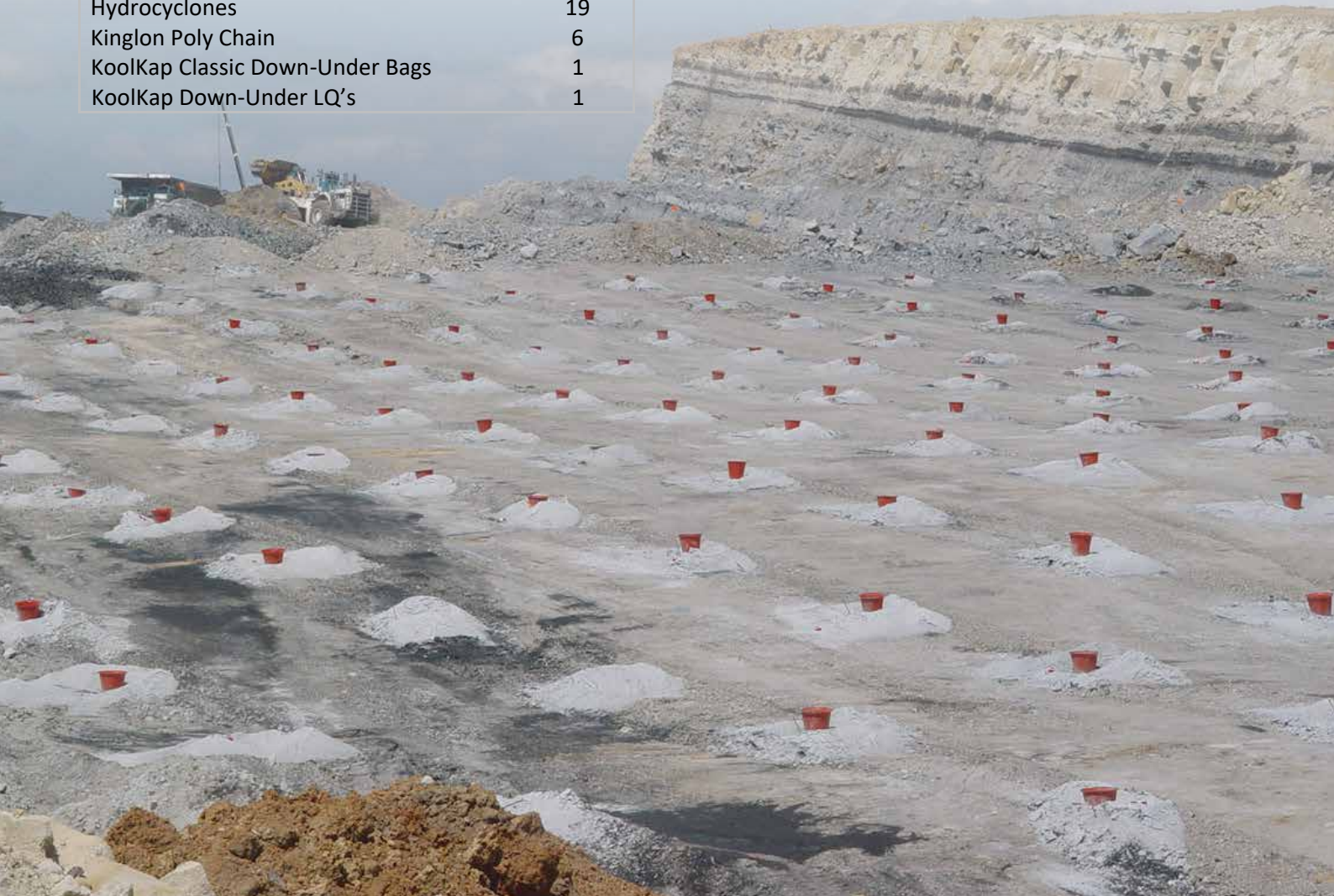
Poly Sheaves



CUSTOM REFURBISH PARTS IN VARIOUS POLYMERS SPECIFIC TO YOUR APPLICATION

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POLYURETHANE SPECIALISTS

KOOLKAP®
DOWN-UNDER BAGS CHARGE BAGS

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