

KoolKap® Deflector Systems



Why choose KoolKap® Deflector Systems?

KOOL KAP® Deflector Systems are specifically designed to ensure your cuttings are deflected well away from the hole, reducing wasteful and costly redrilling from fallback. PR Polymers manufactures a range of premium drilling consumables designed to reduce fallback and reduce dust coming back through the deck.

Your priority is bailing cuttings out of the hole as efficiently as possible. Our expertise ensures that this happens. Our **KOOL KAP®** Deflectors have been engineered with high rebound qualities. This means cuttings are distributed away from the hole, leaving you with larger particle size 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 your dependence on water

PR Polymers specialise in customisation and product innovation and will work with you to meet specific requirements. **KOOL KAP®** Deflector Sheets are available in sizes to suit all drills and rod sizes.



HEAD OFFICE

142 Mica Street, Carole Park
PO Box 300, Carole Park
QLD 4300 Australia

Phone +617 3376 5999

Fax +617 3376 5944

Email sales@prpolymers.com



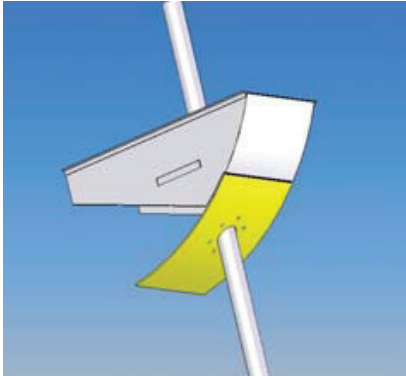
What next?

Ready to try this exciting new technology for yourself?

Contact us on +61 7 3376 5999 or sales@prpolymers.com to organise a trial batch at your site or request more technical information.

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Deflector Sheets



Plenum Chamber designed to carry the **KOOL KAP®** Deflector Sheet to reduce fall back



Reedrill SKS fitted with modified plenum chamber and deflector sheet



Results from Reedrill SKS showing reduce fall back from and improved area around the hole



DMM2 fitted with modified plenum chamber and deflector sheet



DMM2 fitted with KOOL KAP® Deflector



Results showing reduced fallback results compared to cutting pile in the background

DEFLECTOR SHEETS

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As a result:

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Deflector Sheets are available in sizes to suit all drills and rod sizes. Don't drill the same hole twice.

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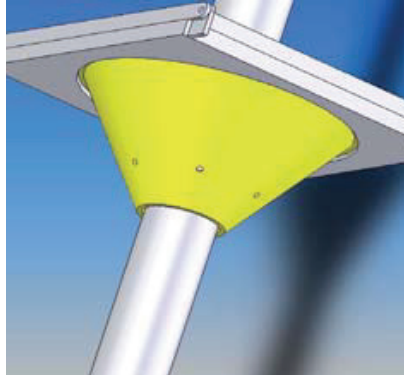
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Koolkap Deflector Cone / Rod Wiper Assembly

KOOL KAP®
DEFLECTOR SYSTEMS



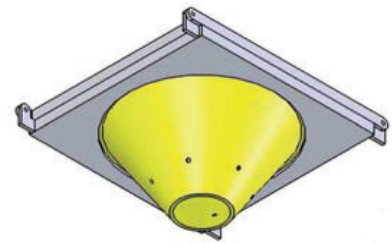
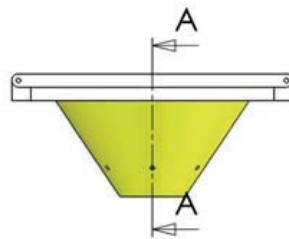
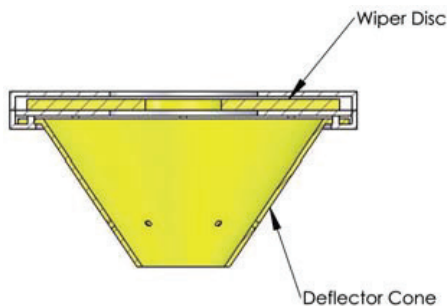
DML drill fitted with **KOOL KAP®** deflector cone/rod wiper assembly



KOOL KAP® Deflector Cone / Rod Wiper Assembly



Results from DML drill from using **KOOL KAP®** assembly



DEFLECTOR SHEETS

Enhance the efficiency of your drilling with **KOOL KAP®** Polyurethane Deflector Cones. The cone is fitted around the drill rod for vertical drilling, ensuring that cuttings are evenly placed away from the hole.

As a result:

- Cuttings are prevented from travelling up through the drill deck
- Dust is dramatically reduced
- Wear and tear on moving parts is also reduced

KOOL KAP® manufacture Deflector Cones to suit any drill deck and pipe size.

ROD WIPERS

Reduce maintenance on drill rods and masts with **KOOL KAP®** Rod Wipers. They are even more effective when used in conjunction with Deflector Cones.

Polyurethane Rod Wipers are fitted around the drill rod to wipe dirt and mud off the pipe as it comes back up through the deck. **KOOL KAP®** manufacture Rod Wipers to suit any drill deck and pipe size.

- Available as "Blank" 1 inch thick, customer to cut to suit drill pipe dia., or;
- Available as "Pre Cut Rod Wiper" to suit drill pipe dia.



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