

K-Superline® Polyurethane Lining System



K-Superline® Polyurethane Lining System is a unique proprietary Kryptane urethane wear liner, purposely engineered to meet the particular demands of your application specific material.

Whether your wear issue is sliding abrasion, impact damage, sticking material or excessive corrosion, lightweight, K-Superline® provides these benefits:

1. 85% lighter compared to steel.
2. Longer lasting anti-wear protection.
3. Reduced material hangup.
4. Greater tear resistance.
5. Simplified installation.
6. 80% less noise compared to steel.

K-Superline® is a stronger and more elastic version than all other outwardly similar polyurethane products. It is based on a patented chemical formula, with a modified molecular structure to alternative polyurethane materials.

By correctly matching the K-Superline® characteristics, the specific product type, the angle of impact and the existing wear liner issue, K-Superline® Polyurethane Lining will provide a genuine improvement as a replacement for polyethylene, rubber, UHMWPE and Steel wear liners.



Custom Shaped Watercut Capabilities.

Kryptane is a registered trademark of Argonics, Inc.

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Issue: 202205

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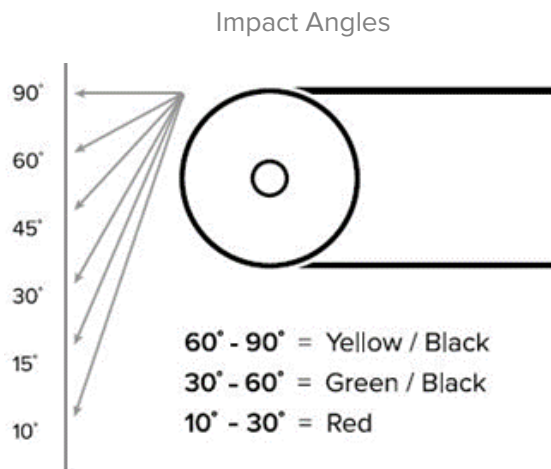
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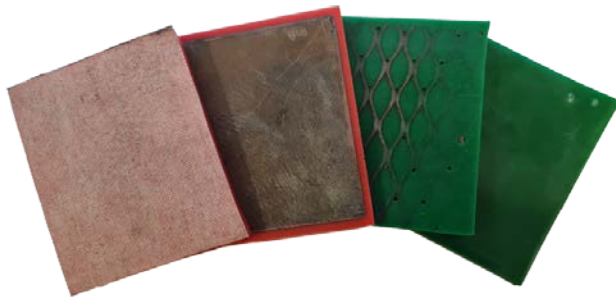
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K-Superline® Polyurethane Lining System



Refer to Technical Datasheet - Engineered Polyurethane – [Click Here](#)

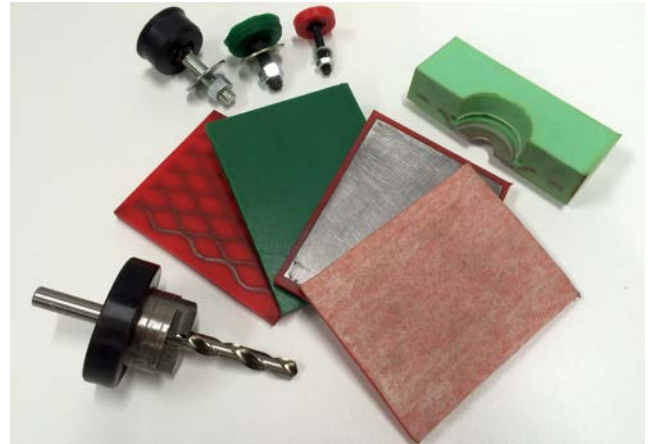


K-Superline® Polyurethane Sheets

Sheet Styles: Plain Back, Fabric Back, Solid Metal Back, Expanded Metal Mesh Back, Raised Insert Metal Back, Stainless Steel Metal Back.

Sheet Sizes 4' x 8', 4' x 10', 5' x 8', 5' x 10'
Sheet Thickness; 3/16", 1/4", 5/16", 3/8", 1/2", 7/16", 9/16", 5/8", 3/4", 1" and thicker on request.

Custom sizes/shapes or 25', 50', 75' or 100' rolls also available.

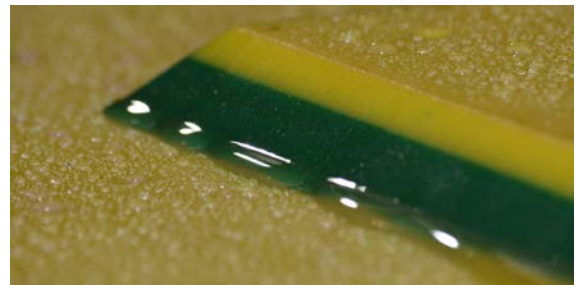


K-Superline® Attachment Types;

- K-Superline® sheets can be fitted into wear areas in a variety of ways.
- Polyurethane Coated Bolts, Urethane Plugs, Polyurethane capable glues or Weld Disk Plates.
- Ask us on the best choice for your application.
- Polyurethane coated bolts available to suit all formulas and thickness range.
- We also offer a Counterbore Tool for onsite hole matching installations.

An integrated dual-colour wear indicator option is also available, this provides fast and accurate visual detection of the K-Superline's wear performance.

This feature reduces the need to access the lining system for inspections, minimises production downtime and wear "hot spots" can be quickly identified and easily rectified.



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Engineered Polyurethane Formula Selection Guide

Formula / Durometer Colour	Application	Material	Temperature	Application Suitability
				Anti Wear Applications
ESTER 63 (Y63)	Typically used as impact absorbent backing or where a lower durometer is required	Up to 50mm crushed rock impact angle 90 degrees	-30°C to 80°C	Backing - used for impact absorption
ETHER 80 (R80)	Good for wet applications with any pH level	Fine particles including sand, grain, 10mm minus washed materials	-40°C to 105°C	✓
ESTER 83 (G83)	Our standard, high abrasion-resistant all-purpose formula	Most sand and gravel materials, coal, ores	-30°C to 105°C	✓
ETHER 90 (U90)	Good for dry applications with almost any pH level	40mm washed / finished product. Wood chips, cement, limestone, grain, sugar, clay or other sticky material	-25°C to 105°C	✓
ESTER 93 (B93)	Our high temperature/high speed/high impact formula	Extremely coarse aggregate, asphalt, recycled materials, glass, higher temp, sticky applications	-25°C to 120°C Up to 150°C intermittent	✓
FRAS (RU83)	Our all purpose liner/cleaner blade formula where a fire and static propagated explosion risk is present, approved for underground coal use	Coal mining and coal-fired power plants Grain or sugar applications where a fire risk is present	-30°C to 105°C	✓

K-Superline® Polyurethane Lining System



K-Superline® Custom Shaped Watercut Capabilities.

Key Features:

- Waterjet up to 60,000 psi can easily cut through Polyurethane to any specific shape or profile.
- Accurately placed holes to suit existing chute liners for easy repeatable installation.
- Bevelled edges available.



**Contact Kinder Australia
and let us show you the scope
and capabilities of our custom
shape water cutting service.**

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