

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® provide

- Longer lasting anti-wear protection
- Reduced material hangup
- Greater tear resistance
- Simplified installation
- Significantly lower noise levels

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.



Photo showing installation option of a weldable version of K-Superline®.



Kryptane is a registered trademark of Argonics, Inc.



K-Superline® Polyurethane Lining System

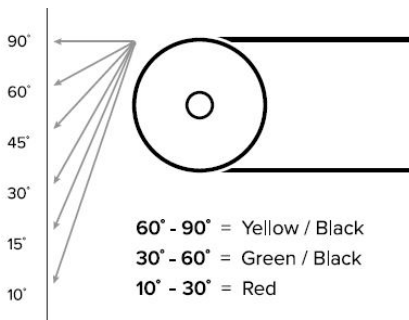
K-Superline® Yellow - 59 DURO SHORE

Highly elastic. Very high impact resistance. Broken material up to 50mm Lump size. Impact Angle between 60° to 90°

K-Superline® Red - 80 DURO SHORE A

Resists sliding and/or impact abrasion. Fine products up to 5mm size, wet & dry. Impact Angle between Flat to 30°

Impact Angles



K-Superline® Green - 83 DURO SHORE A

High abrasion resistance to harsh sliding, cutting & impact. Rough material up to 50mm lump size. Impact Angle between 30° to 60°

K-Superline® Orange - 83 DURO SHORE A

All properties as per K-Superline green, with a flame retarding additive (ISO 340)

K-Superline® Blue - 83 DURO SHORE A

As above. Fire Resistant Anti-Static (FRAS)

K-Superline® Black - 93 DURO SHORE A

Strong abrasion resistance to sliding, grooving & impact. Heavy product up to 125mm lump size. Impact angle between 60° to 90°

K-Superline® Kryptile Urethane Ceramic

Highly resistant to extreme impact & sliding abrasion in product overshoot areas, and where adverse impact angle occurs.

Available in various sizes and thicknesses.

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"

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



K-Superline® Attachment Optio

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. We also offer a Countersink Tool for perfectly aligned and easier installations.



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Kryptane Polyurethane Formulation:

Formula:	R80 Duro	G83 Duro	R90 Duro	B93 Duro
Hardness Durometer (shore A+/-5):	80	83	90	93
Tensile Strength (psi):	4501	6148	4605	6845
100% Modulus (psi):	550	800	1216	1390
300% Modulus (psi):	1200	1125	2386	2250
500% Modulus (psi):	2000	1947	4090	5500
Angle Tear Strength (Die C) (lbf/in):	361	336	465	562
Trouser Tear Strength (lbf/in):	180			
DIN Abrasion Loss (ml):	0.045	0.052	0.048	0.049
Cured Density:	n/a	1.21		1.21
Coefficient of Friction:	n/a	0.27		0.19

