

polyurethane abrasion resistant liners



- 🎯 Super abrasion resistant
- 🎯 For impact and sliding applications
- 🎯 Low stick characteristics and sound reducing
- 🎯 No thermal expansion and FDA approved
- 🎯 Cost saving



KRYPTANE®

MBS Liège
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KRYPTANE® super abrasion resistant polyurethane liners for minerals, concrete, grains, raw animal feed materials, glass and aggregates handling:

- highest possible split-tear and abrasion resistance
- remarkably elastic and therefore very good impact resistant
- good sliding properties and low stick characteristics due to the extremely low coefficient of friction
- resistant to oils and fats, no moisture absorption
- no thermal expansion, sound reducing and FDA approved



Hopper



Silo



Pipe & bends



Screw conveyor



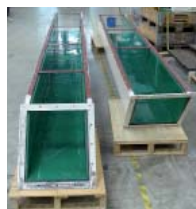
Elevator head / spout



Belt scraper



Bottom and side wall for chain conveyor



Chute and vibration chute



Elevator inlet



Conveyor skirting



Flights for drag conveyor



Belt feeder



Mixer



Product overshoot area



Conveyor belt idler



Flop-gate / transfer housing

MBS Liège is supplying with great success Kryptane® polyurethane liners as a replacement for rubber, polyethylene (PE500 & PE1000) or steel wear liners.

Kryptane® polyurethanes are based on a patented chemical formula, resulting into extra cross-link in the molecules of the polyurethane. For this reason Kryptane® is stronger and more elastic than other polyurethanes.

Kryptane® polyurethane lining material is designed to extend the wear life and reduce the maintenance requirements of your process equipment. Kryptane® will last longer and reduce downtime. The purchase of Kryptane® liners is therefore a substantial investment.

KRYPTANE® qualities:

Kryptane® yellow 59° Shore A

Remarkably elastic with an extraordinary great resistance against impact and shock of broken material up to 50 mm.

Kryptane® red 80° and 90° Shore A

Resisting sliding and/or impact abrasion with fine product up to 5 mm lump size, both in wet and dry situations. Very low coefficient of friction, therefore very good sliding skills and low-stick quality.

Kryptane® green 83° Shore A

High resistance against strong sliding, cutting and impact abrasion with rough material up to 50 mm lump size (all-purpose application)

Kryptane® orange 83° Shore A

Same as Kryptane® green 83 ° Shore A, only this quality is a flame retarding quality (ISO 340)

Kryptane® black 93° Shore A

Resistance against high sliding, grooving and impact abrasion, with products up to 125 mm lump size and larger.

Kryptile® polyurethane with ceramic inserts
Resistant against extreme impact and sliding abrasion in product overshoot areas under adverse angle of incidence.

Standard sheet dimensions:

3050 mm x 1220 x 6-8-12-18-25-30 mm
other thicknesses and sizes on request

Types available:

- PL : plain backing
- MB : with stretched metal backing 1,5 mm for fitting with bolts
- FB : with textile backing for fitting with glue
- SB : with solid steel base 1,8 mm
- RB : with 3,4 mm stretched metal

 **KRYPTANE®** Your investment: its our goal to protect it!

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