

## Product datasheet

# slurryMAX™ -U pumps with polyurethane liners, impellers and wear rings

Our slurryMAX-U allow you to optimise your operations. If you struggle with hysteresis or find that you need more abrasion resistance than rubber offers, but you also need more fine particle resistance than you get with metal, we have the solution you are looking for.

### Advantages of polyurethane

The urethane liners in our new slurryMAX-U provide the perfect middle ground between traditional metal and elastomer lining in pumps. Our urethane liners thrive in fine particle applications where elastomers were once the only solution.

They also give you the abrasion resistance of metal liners to protect against cutting and tearing due to sharp, large particle impact.

### Benefits

- Cost effective
- Excellent performance in fine particle applications
- Abrasion resistance similar to metal-lined pumps
- Higher impeller peripheral velocity limit
- Corrosion resistance similar to rubber-lined pumps

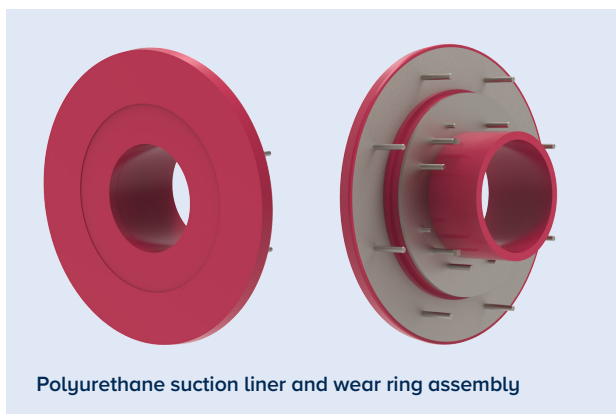
# Material solutions to optimise your slurry pumping requirements

## Material suited to your application

Urethane provides a healthy balance between the fine particle resistance of rubber and abrasion resistance of metal. It also increases impeller peripheral velocity limits so that hysteresis isn't a concern. In the correct application, these qualities together will ensure your pump is achieving the longest wear life possible.



Polyurethane impeller



Polyurethane suction liner and wear ring assembly

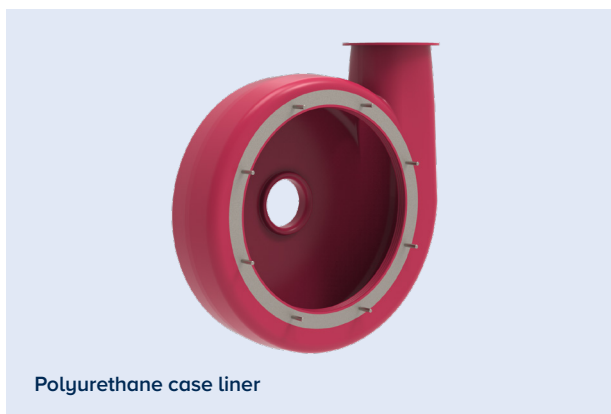
High quality materials and design to provide the best components for your slurry pumps. We know that your success depends on reliable, high quality wear parts and components. Our rigorous quality assurance protocols ensure that you get the dependability you deserve. We are ISO 9001 certified.

## Industries for polyurethane wear parts

- Mineral sands
- Molybdenum
- Aggregate
- Hard rock

## Wear components available in polyurethane

- Impellers
- Casing liners
- Suction liners
- Wear rings



Polyurethane case liner

## KREBS® slurryMAX™-U pump sizes

mm	inches
080×050	3×2
100×080	4×3
150×100	6×4
200×150	8×6
250×200	10×8
300×250	12×10
350×300	14×12

Our pump experts are here to help you choose the best materials suitable for your application. We are happy to introduce urethane into our catalog to best meet your needs.

**FLSmidth A/S**  
2500 Valby  
Denmark  
Tel. +45 3618 1000  
info@flsmidth.com

[www.flsmidth.com](http://www.flsmidth.com)

**FLSmidth Inc.**  
Salt Lake City Operations  
Midvale, UT 84047  
USA  
Tel. +1 801 871 7000  
info.sl@flsmidth.com

Copyright © 2023 FLSmidth A/S. All Rights Reserved. FLSmidth and FLS are (registered) trademarks of FLSmidth A/S. This brochure makes no offers, representations or warranties of any kind (express or implied), and information and data contained in this brochure are for general reference only and may change at any time. FLSmidth does not guarantee or make any representation regarding the use or the results of the information or the data provided in the brochure in terms of its correctness, accuracy, reliability or otherwise, and shall not be liable for any loss or damage of any kind incurred as a result of the use of the information or data provided in the brochure.