



# RÖCHLING

Engineering Plastics

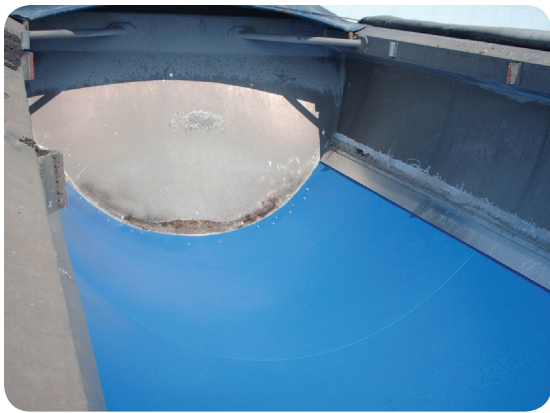
## Matrox® Lining Systems & Ramex® Dumpliners



1/2011



Matrox®  
Ramex®



*Whether you haul asphalt, rock, sludge, coal ash, mulch or sand, Röchling has the right grade to suit your needs – affordably.*

Matrox® Lining Systems and Ramex® Dumpliners from Röchling Engineering Plastics provide affordable non-stick surfaces that stand up to the most extreme lining conditions. These products deliver a self-lubricating, impact-resistant polymer with mechanical properties that make them ideal for most lining applications. You'll appreciate how the low surface friction eliminates "load sticking" – providing an even load release every dump cycle, while reducing wash-out times. And our dumpliners will help protect your fleet from dangerous tipovers. You can expect longer service life from your brakes and hydraulics as well as your bed when using a Ramex® liner.

## Product Line:

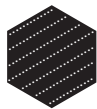
### Matrox® and Ramex® Ultra High Molecular Weight (UHMW) Polyethylene Dumpliners



Matrox® is our premier liner for all applications, including asphalt. Matrox® has the impact strength, slickness, and abrasion resistance required for all aggregate loads, but is also designed to withstand loads as hot as 350 degrees F.



Ramex® Premium is our premium grade aggregate liner. Ramex® Premium offers high-impact resistance as well as great release properties. This makes Ramex® Premium ideal when loading stone or coal – and because of the added toughness – a must when loading shot rock, boulders and demolition loads.



Ramex® Reprocessed offers equal abrasion resistance and slickness as Ramex® Premium, but lesser impact strength at a more economical price. This makes Ramex® Reprocessed ideal when loading lime, sludge, gravel and other lower-impact materials.



Symplate™ is the liner of choice when liner applications do not require significant impact strength. Designed for softer loads like dirt, mulch and compost that are abrasive and sticky, Symplate™ provides an affordable solution to material flow and potential abrasion issues.

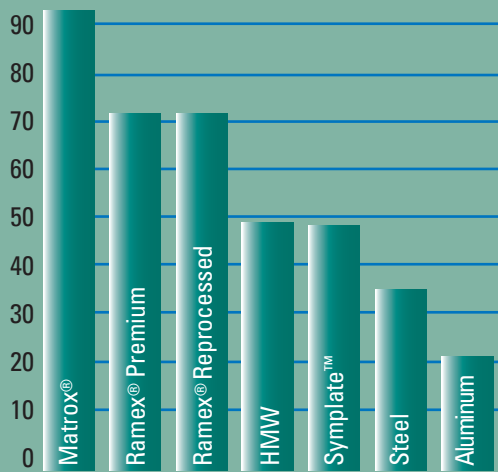
(Please note that only Matrox® is designed for hauling asphalt. A single load of hot asphalt in a Ramex® Premium, Ramex® Reprocessed or Symplate™ liner will destroy the liner and void the manufacturer's warranty.)

*“The extra wide 16’ Ramex® liners all but eliminated the cross load contamination problems we had with other liners.”*

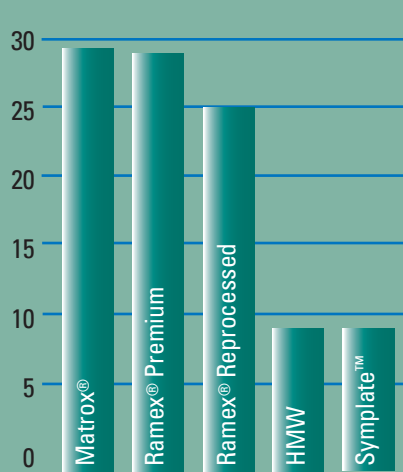
## Performance Benefits:

- **Outwears Steel 2:1 and Aluminum 4:1**
- **Impact Strength to Handle Heavy Rock**
- **Slickness Equal to that of Teflon®**

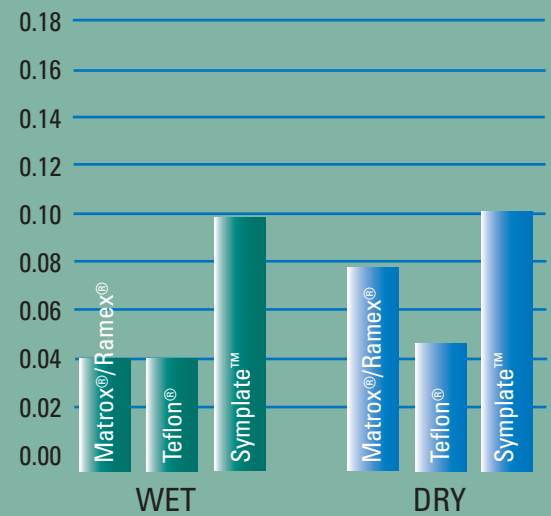
ABRASION INDEX



IMPACT STRENGTH



CO-EFFICIENT OF FRICTION



The Abrasion Index measures the amount of material retained after an extended period of wear.

The Impact Strength of Matrox® and Ramex® set them apart from other plastic liners.

Co-efficient of Friction is best described as the “slickness of a surface.” Similar to Teflon®, Matrox® and Ramex® dramatically reduce friction.



Note how the wet top soil sticks to the bed. Hundreds of pounds of material can get stuck. Scraping beds is unproductive as well as dangerous work, and scraping with heavy equipment can damage the bed. With Matrox®/ Ramex® liners, you never need to scrape a bed.



The Matrox®/ Ramex® bed liner is free of residual topsoil, resulting in more loads hauled per day.



Matrox®/ Ramex® liners reduce dump angles by as much as 40%. Lower dump stages reduce the chances of rollover accidents due to load hangup and reduce the chances of equipment striking overhead obstructions such as power lines or trees.



# **RÖCHLING**

## **Engineering Plastics**

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