

AMERICAN EAGLE MANUFACTURING PRODUCT GUIDE



SUPPORT BEDS

Impact Beds

Heavy Duty Applications



Impact & Roll Beds

Heavy Duty Applications



BEFORE
SELECTING
THE PROPER
SUPPORT BED,
WE NEED TO
KNOW...

- Product Type
- Size of Product
- Drop Height of Product
- Tons per hour
- Belt Speed
- Belt Width
- Troughing Degree

NEW FEATURE!

All support beds are equipped with lead-in rollers to lessen the drag and extend life of both bars and belt.



Slider Bed



Slide and Roll Beds

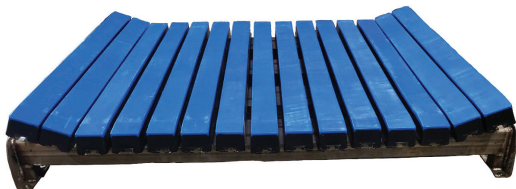
Light Duty Applications



Beds designed to a specific application available upon request.
Call for more information.

Impact Bed

To Match Picking Idler Rollers



Slide & Roll Bed

To accommodate side off-loading of product



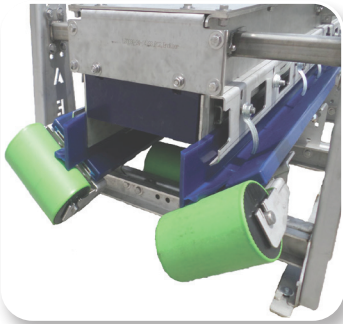
Heavy Duty Belt Support
For Transfer Point

COMPLETE LOAD ZONE SYSTEMS

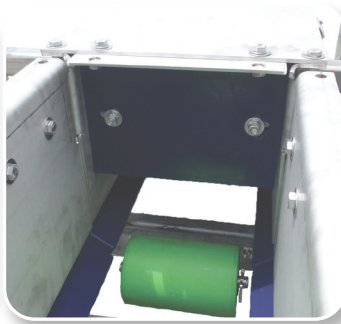


American Eagle's Complete Load Zone System: A cutting-edge single solution to your environmental, safety, and dust control issues.

**FRONT CHUTE
WITH WING ROLLERS**



**DUST CONTROL
BAFFLE**



**EAGLE CLAW
CLAMPS**



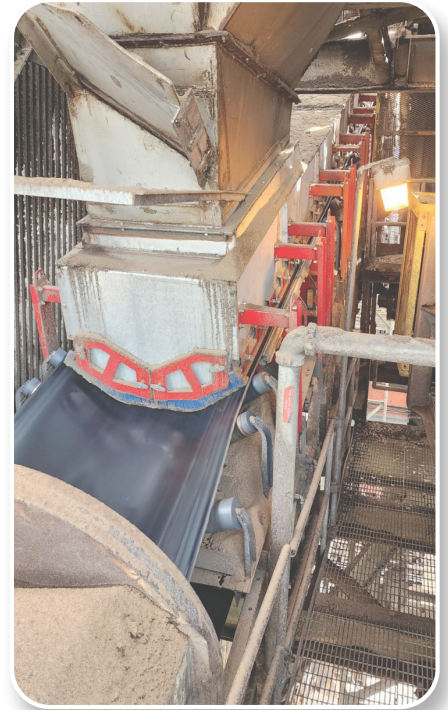
**OMEGA SEAL CLAMP
WITH WING ROLLERS**



3 CRUCIAL COMPONENTS WHEN DESIGNING A LOAD ZONE

- How is the belt supported?
- What clamping system best suits your usage?
- What skirting or containment option will give the best results under your conditions?

Without all three, a seal is not possible.



For your convenience, we have a worksheet available that simplifies the selection process, so you can be sure to get exactly what you need. With your specifications we can efficiently and accurately give you a price and lead time for your project, complete with 3D modeling.

SKIRTBOARD CLAMPS

6" Tall Standard Claw Clamp with Mounting Rail



*All Claw Clamps designed
with engaging teeth*

4-1/2" Low Profile Eagle Claw Clamp with Mounting Rail



6-1/2" Eagle Claw Clamp & Plate



*Plate is designed to shore up load zone
outer walls that are inadequate.*

*Note: Distance between belt and
chute wall should be 1" to 2".*

5-1/2" Low Profile Eagle Claw Clamp & Plate



*Plate is designed to shore up load
zone outer walls that are inadequate.*

*Note: Distance between belt and
chute wall should be 1" to 2".*

8" Eagle Claw Clamp & AR Liner



*AR Liner designed for inside
chute walls.*

6" Low Profile Eagle Claw Clamp & AR Liner



*AR Liner designed for inside
chute walls.*

OMEGA SEAL AND CLAMP



**PATENT NUMBER
9938087**

*Taking our Sealing Edge Technology™ to a new level, our
patented Omega Seal and Clamp will revolutionize your load
zone.*



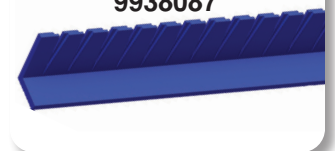
35 DEGREE



20 DEGREE



**PATENT NUMBER
9938087**



CANOE LINERS / BUMPER BOARD

Standard Canoe Liner



Available in heights of 6"-10"
-Lengths of 48" and 60"
-Thickness of 1" and 1-1/2"

Canoe Hook Liner



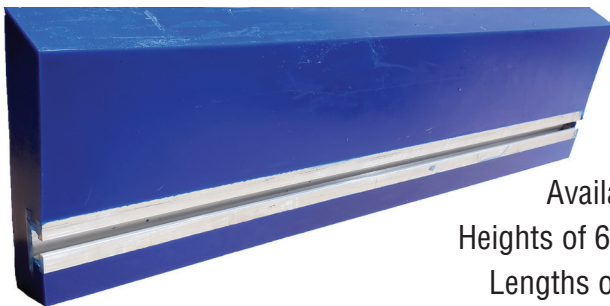
Available in heights of 9"
-Lengths of 48" and 60"
-Thickness of 1"

Heavy Duty Canoe Liner



Available in heights of 10" & 12"
-Lengths of 48" and 60"
-Thickness of 2"

Bumper Board



Available In:
Heights of 6" 8" 10" 12"
Lengths of 48" & 60"
Thickness 2"



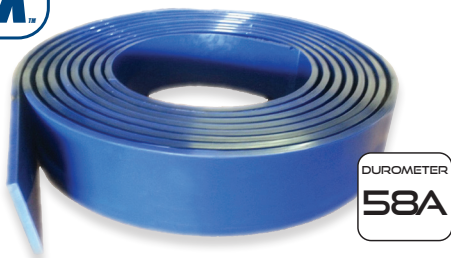
AR 400 Replacement Liners



SEALING & CONTAINMENT TECHNOLOGY (IN URETHANE OR RUBBER)

URETHANE AND RUBBER SKIRTING

BLUE-FLEX™



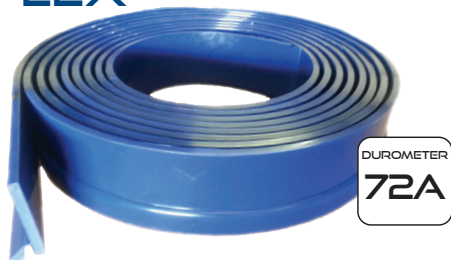
DUROMETER
58A

AG FLEX™



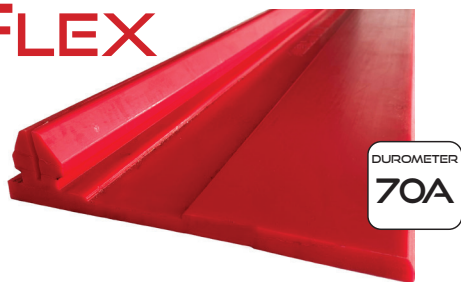
DUROMETER
70A

DELTA FLEX™



DUROMETER
72A

SNAP FLEX



DUROMETER
70A

WHITE-FLEX™

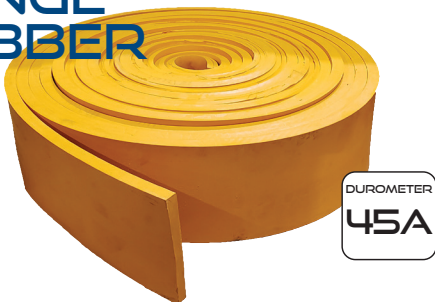
**FOOD GRADE
SKIRT BOARD**

*Material meets FDA criteria
for the following: CFR 21.177.1680*



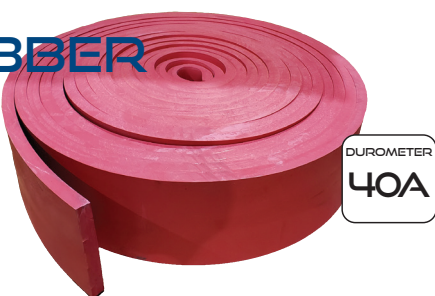
DUROMETER
58A

**ORANGE
RUBBER**



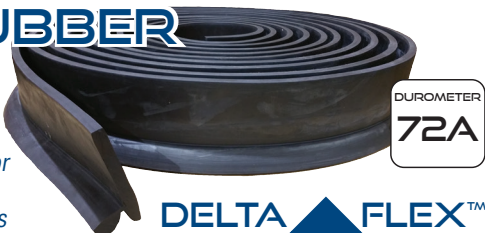
DUROMETER
45A

**RED
RUBBER**



DUROMETER
40A

**EPDM
RUBBER**



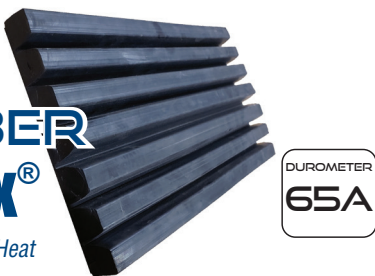
DUROMETER
72A

*Designed for
High Heat
Applications*

DELTA FLEX™

**EPDM
RUBBER
M-Flex®**

*Designed for High Heat
Applications*



DUROMETER
65A

**EPDM
RUBBER**

*Designed for
High Heat
Applications*



DUROMETER
70A

SEALING EDGE TECHNOLOGY

SNAPFLEX

Our SnapFlex is designed to contain product consistently without adding pressure to your belt. Because of the way it seals without force, even if your belt starts walking, there is no worry that your skirting will walk off the belt. When installed with the custom channel options, there will be no need to adjust for the life of the skirting.

SnapFlex is the no-worry skirtboard.

- Chute too wide? *No problem.*
- Belt walking excessively? *No problem.*
- Limited chute space? *No problem.*
- No more clamps.
- No more adjustment.

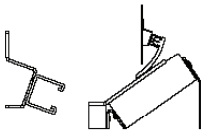
No more worries.



CHANNEL OPTIONS

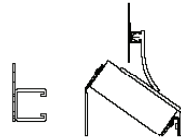
SFC20-02

Recommended for most "outside wall" applications.



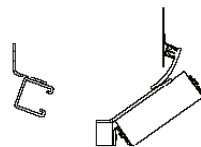
SFC90-01

Recommended for "inside chute wall" applications.



SFC20-01

Recommended for limited space applications only.



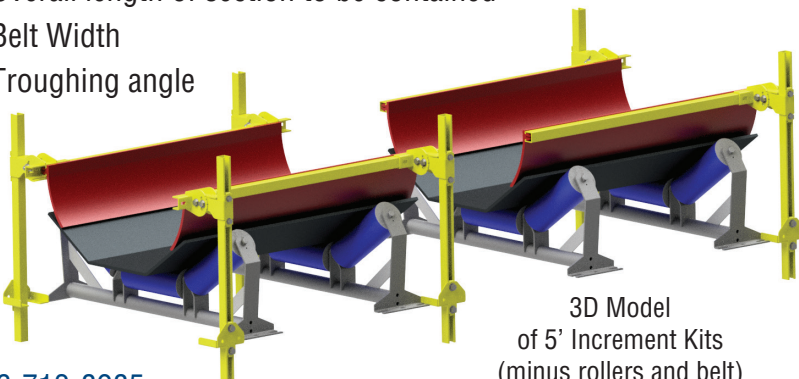
SFC90-02



NON-CHUTE WALLS/NO PROBLEM

Required information for quote:

1. Overall length of section to be contained
2. Belt Width
3. Troughing angle

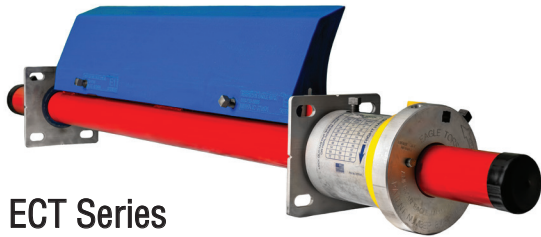


3D Model
of 5' Increment Kits
(minus rollers and belt)



BELT CLEANING TECHNOLOGY

PRIMARY CLEANERS



ECT Series

EAGLE HIGH PERFORMANCE SERIES
CLOSED TENSIONER

Patent Number
8,485,344

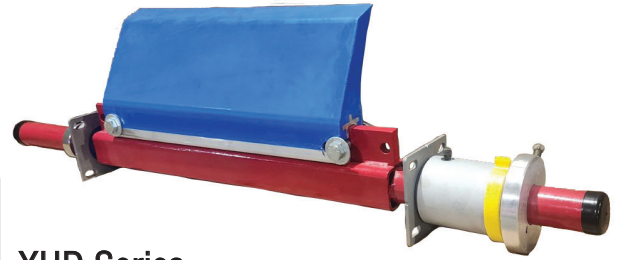


HP / HD Series

EAGLE HIGH PERFORMANCE SERIES
OPEN TENSIONER

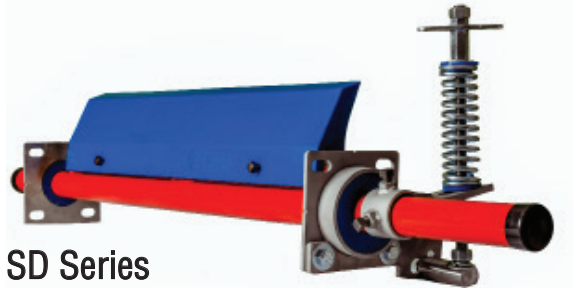
BEFORE
SELECTING THE
PROPER BELT
CLEANER, WE
NEED TO KNOW...

- Belt Width
- Pulley Diameter
- Material Path
- Type of Belt Splice
- Material Type



XHD Series

EAGLE HIGH PERFORMANCE SERIES
CLOSED TENSIONER

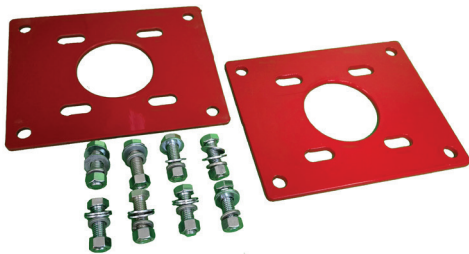


SD Series

EAGLE TORQUE TENSIONER
SERIES

PRIMARY CLEANER INSTALLATION ACCESSORIES

EAGLE MOUNTING PLATE
SET W/HARDWARE



EAGLE STAND-OFF BRACKET
SET W/HARDWARE



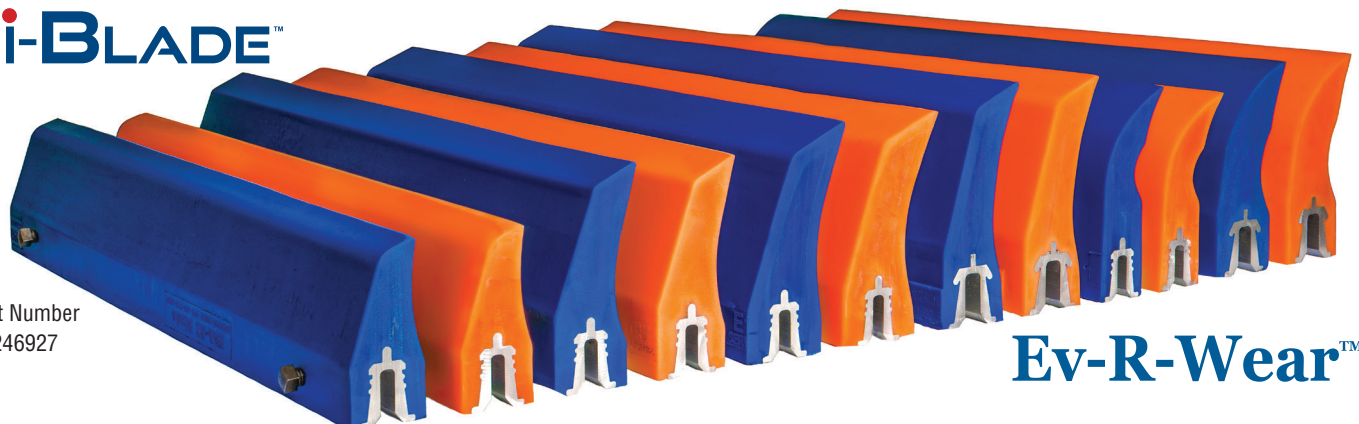
EAGLE EXTENSION BRACKET
KIT W/HARDWARE



BLADE EDGE TECHNOLOGY RETRO FIT REPLACEMENT BLADES

Uni-BLADE™

*See Our Extensive Online Catalog
for OEM Retrofit Blades.*



Patent Number
12246927

Ev-R-Wear™

BELT CLEANING TECHNOLOGY

SECONDARY CLEANERS

Uni-BLADE™

Patent Number 12246927



**E7SC SERIES
NON-TENSIONED**

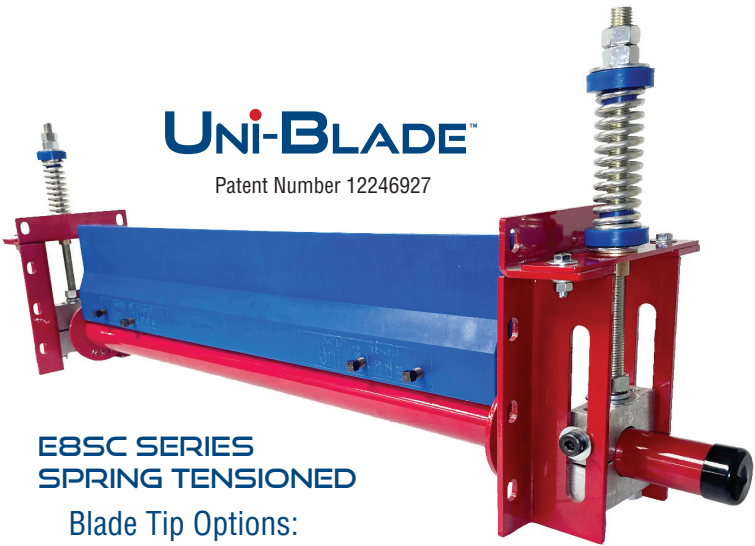
Blade Tip Options:

- Urethane
- AR400
- Carbide

**BLADE
HEIGHTS 5" & 7"**

Uni-BLADE™

Patent Number 12246927



**E8SC SERIES
SPRING TENSIONED**

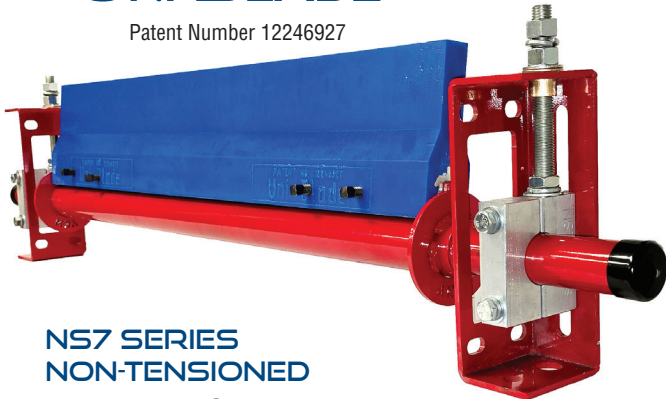
Blade Tip Options:

- Urethane
- AR400
- Carbide

**BLADE
HEIGHTS 5" & 7"**

Uni-BLADE™

Patent Number 12246927



**NS7 SERIES
NON-TENSIONED**

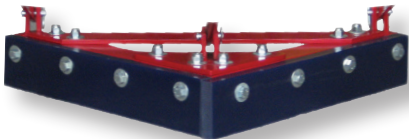
Blade Tip Options:

- Urethane
- AR400
- Carbide

**BLADE
HEIGHTS 5" & 7"**

POLY★STAR™

PMSC SERIES



E3 V-PLOW SERIES



**E9 DIAGONAL PLOW
SERIES**

BELT ACCESSORIES

EAGLE BEATER ROLLER



Designed to Fit Standard CEMA Rollers
4" - 5" - 6"

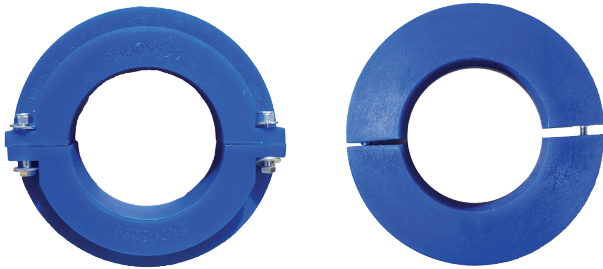
BENEFITS

- Cost - effective
- Works wide flat or low profile cleated belts
- Easy to Fit
- Maintenance Free



EAGLE ALIGNMENT DISKS

Eagle Alignment Disks are designed to protect a mistracking belt from rubbing against a conveyor frame work, guarding against any side damage. This will extend the life of your belt and help reduce both side tear and premature belt failures.



Product is best suited for lightweight belts that are no more than 1/2" thick and 42" wide.



EAGLE BELT GUIDE ROLLERS

The Eagle Belt Guide Roller is built to do two jobs - assist in belt tracking and eliminate the chance of severe belt edge damage.

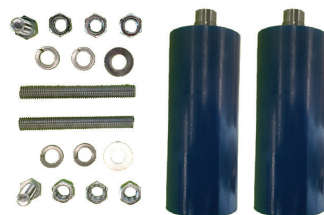
As with everything we do, we want our products to make your job easier and make your conveyor run more smoothly.



ANGLE BRACKET KIT EBGR-7-90



REPLACEMENT ROLLER KIT EBGR-7-RO



FLAT BRACKET KIT EBGR-7-FL

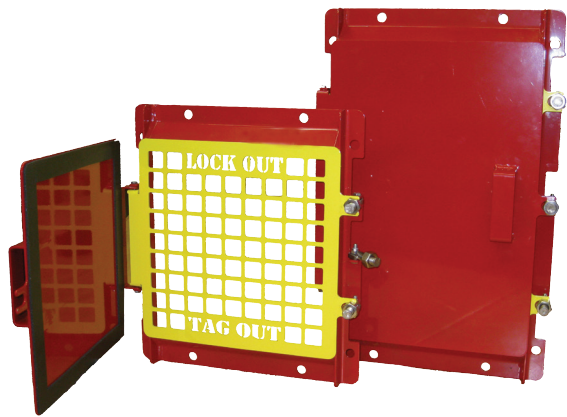


SAFETY

Eagle Return Idler Guard



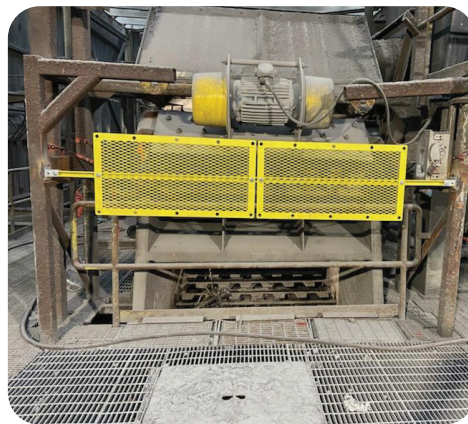
Safety Access Doors



Eagle Return Idler Basket



CUSTOM CONVEYOR FLAT GUARDS

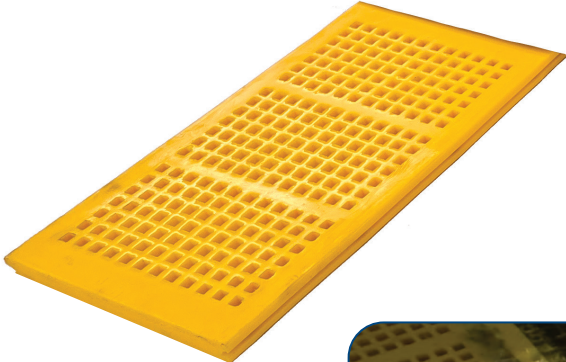
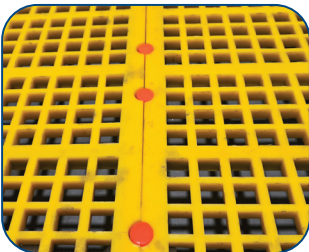
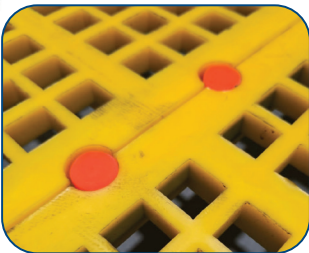


EAGLE URETHANE SCREENS



PIN & LEG
STYLE
URETHANE
SCREEN PANEL

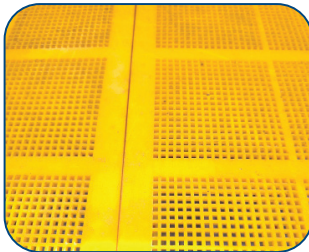
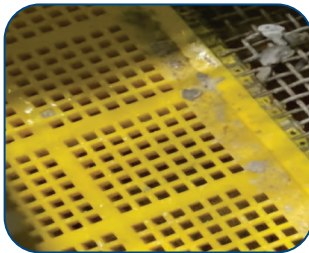
12IN X 24IN
8-PIN STYLE



KNOCK DOWN
STYLE
URETHANE
SCREEN PANEL

12IN X 24IN
CENTER PANEL

12" is for reference only.
Actual width is 11.81/300mm

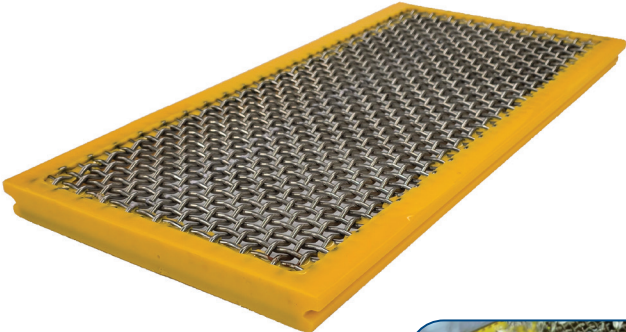
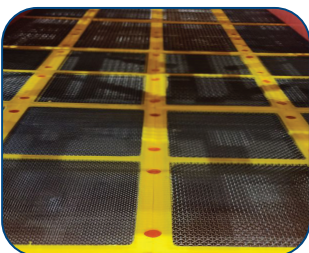


EAGLE HYBRID SCREENS



PIN & LEG
STYLE
HYBRID SCREEN
PANEL

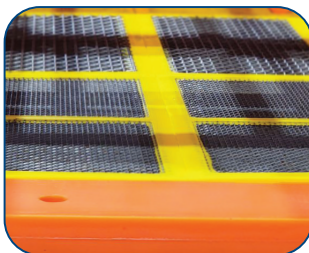
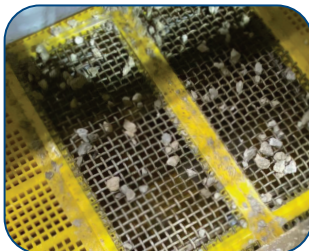
12IN X 24IN
8-PIN STYLE



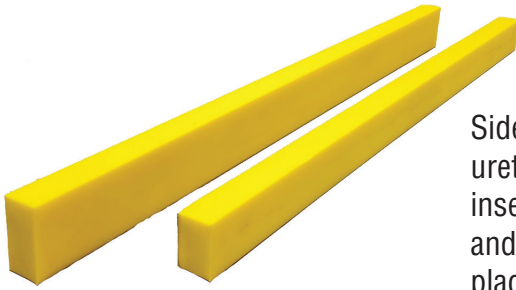
KNOCK DOWN
STYLE
HYBRID SCREEN
PANEL

12IN X 24IN
CENTER PANEL

12" is for reference only.
Actual width is 11.81/300mm



EAGLE SIDE LINERS | WEDGES

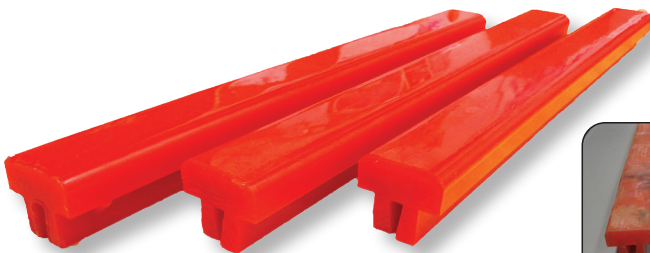


Side liners are molded using 85A urethane around a steel structural insert, keeping the liner straight and rigid to maintain consistent placement in spite of vibration.



AEM's urethane wedge is designed to secure your side liners without the use of any type of fastener. For added strength, we've also molded around a steel plate for rigidity.

URETHANE T-BARS



Replacement For
Rubber Bucker-Up Strips

Shaker Screen Protection

- ✦ Abrasion resistant
- ✦ Resists cuts and tears
- ✦ Impact resistant
- ✦ Positive gripping action

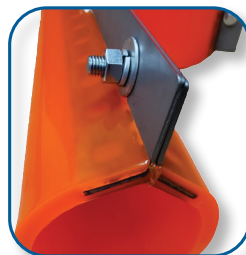
TENSION RAILS

ALL STEEL AND URETHANE COVERED TENSION RAILS

- | | |
|------------------|-------------------|
| ✦ Hewitt-Robins® | ✦ Allis-Chalmers® |
| ✦ Cedar Rapids | ✦ Simplicity |
| ✦ Telsmith® | ✦ El-Jay |
| ✦ Pioneer | ✦ Deister® |
| ✦ JCI® | |



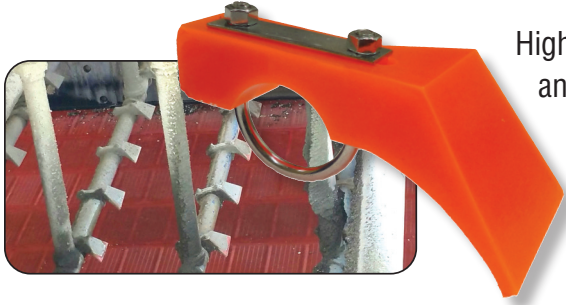
TUBE COVERS



BENEFITS

- ✦ Bolt on tube covers
- ✦ Orange color for high visibility
- ✦ Material 83A urethane
- ✦ Flange tabs for easy fastening
- ✦ Easy installation

EAGLE SPRAY DEFLECTORS



High performance Eagle Spray Deflectors wash your material and clean screens more efficiently than any other design. This design allows for a larger diameter spray opening that will greatly decrease spray bar plugging. At the same time, the deflector spreads water over a larger area for improved washing, resulting in less maintenance and downtime.

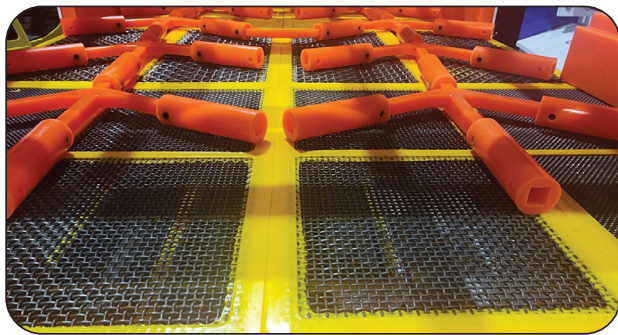
EAGLE SPRAY BAR SHIELDS



The Eagle Spray Bar Shield easily attaches to your current spray bar to deflect spray and divert it. Designed for screening and crushing applications.



EAGLE DEBLINDING BARS



BENEFITS:

- Increase Productivity
- Less Maintenance
- Screen Safe
- Works for Wet or Dry



CLASSIFIER FLIGHT SHOES



OEM Replacement Shoes available

American Eagle Manufacturing has forty years of experience in molding Urethane replacement classifier shoes for all major OEM equipment. AEM shoes are manufactured with high performance urethane. Engineered to offer high resistance to abrasion with low friction additives which will extend the life of our shoes in the most challenging applications.

BENEFITS & FEATURES

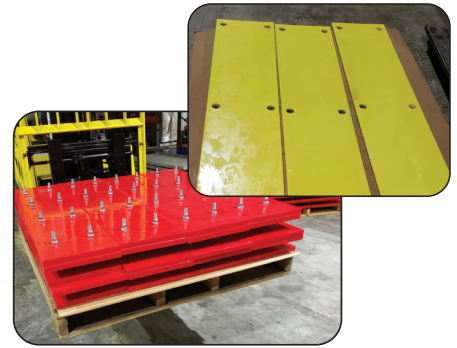
- ✦ Lighter than steel alternative
- ✦ Non-corrosive
- ✦ Less motor fatigue due to lighter weight
- ✦ Less power consumption
- ✦ Interchangeable between left and right screws

Please use our worksheet when requesting a quote.

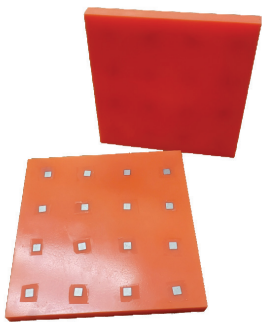
EAGLE MODULAR LINERS

URETHANE LINER TYPES...

- Threaded Studs
- Bolt Down
- Magnetic
- Standard Sizes
- Custom Sizes



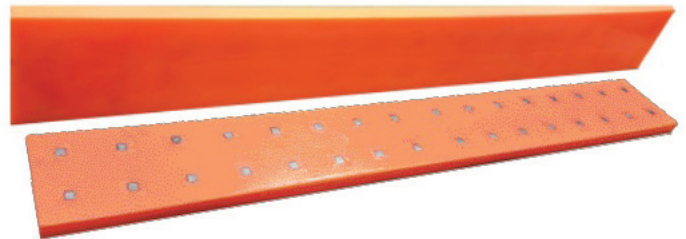
EAGLE MAGNETIC LINERS



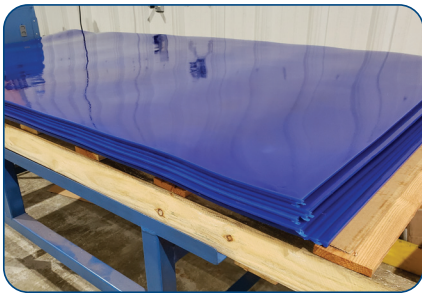
SIZES AVAILABLE

12" x 12"
12" x 24"
12" x 48"

Custom Sizes Available
Upon Request

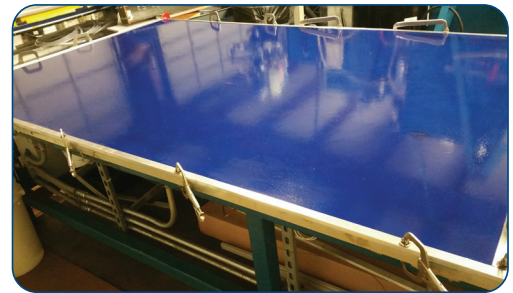


URETHANE SHEET



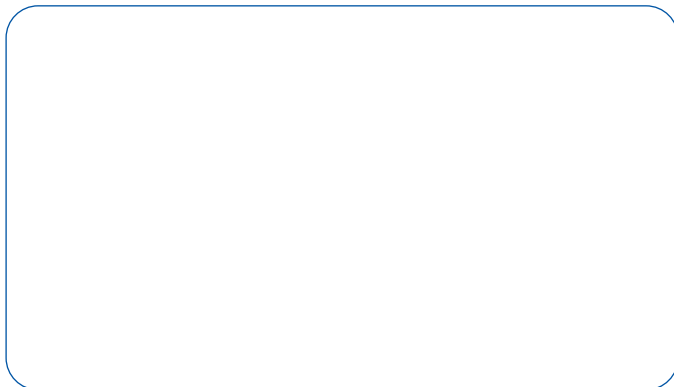
Urethane Sheet and Wear Liner material is manufactured from premium blends of urethane specifically designed for high abrasion resistance. We offer two standard durometers: 60A (soft) and 85A (hard). We offer solid urethane sheet in custom sizes up to 60x120.

We can mold urethane to steel backings upon request. Please give us the steel thickness when requesting a quote.



PROTECT YOUR INVESTMENT





American Eagle Manufacturing LLC
1 866 713 8985
252 633 0603
3280 US Hwy. 70 East
New Bern, North Carolina 28560
AmericanEagleManufacturing.com
Copyright 2024

EAGLE EDGE USA

