



## Driving Profit Through Performance

Since 1996, Major Wire's revolutionary Flex-Mat<sup>®</sup> screen media technology has proven its value in more than 25,000 screening applications worldwide. Customers have experienced significant cost-reducing, revenue-generating results from Flex-Mat 3 Tensioned in metallic and non-metallic minerals, aggregate, recycle, asphalt, green waste, top soil, fertilizer and other applications.

### Proven Benefits Of Flex-Mat<sup>®</sup> 3 Tensioned Screen Media

- Self-cleaning capability virtually eliminates blinding, pegging and clogging, significantly reducing or eliminating downtime to clean and/or replace screen cloth prematurely
- Independently vibrating wires increase throughput up to 40% with its screening action
- Precise passing ensures product meets specifications
- Wear life lasts up to 4 or more times longer than woven wire with its flat surface
- Removes fines from retained material, often reducing or eliminating the need for washing

**FLEX-MAT<sup>®</sup> 3**

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

**FLEX-MAT<sup>®</sup> 3 TENSIONED**  
**HIGH-PERFORMANCE SCREEN MEDIA**

# FLEX-MAT<sup>®</sup> 3

## PERFORMS ON ALL DECKS

- 1** Flex-Mat 3 Tensioned's distinctive lime-green polyurethane strips bond individual wires and allow them to vibrate independently at different frequencies. This virtually eliminates blinding, pegging and clogging and creates more screening action while maintaining proper sizing dimensions.
- 2** Flex-Mat 3 Tensioned delivers different benefits on each deck.
  - Eliminates near-size pegging on top decks
  - Produces cleaner retained product through middle decks while often reducing or eliminating washing
  - Prevents fine material blinding on bottom decks
- 3** Flex-Mat 3 Tensioned is manufactured with our highly abrasion resistant OptimumWire<sup>®</sup>, which delivers the best combination of ductility, hardness and tensile strength—resulting in the longest wear life available. In numerous side-by-side and other test trials, Flex-Mat 3 consistently outperforms woven wire and other Flex-Mat-type screen media.
- 4** Flex-Mat 3 Tensioned is also available in stainless steel.



**25,000+**  
**FLEX-MAT<sup>®</sup>**  
**APPLICATIONS**

### Flex-Mat 3 Can Screen Any Material Better

- Metallic Minerals
- Non-Metallic Minerals
- Aggregate
- Gravel
- Sand
- Limestone
- Aglime
- Asphalt
- C&D Recycle
- Green Waste
- Mulch
- Slag
- Top Soil
- Fertilizer

# TENSIONED OPTIONS

Series / Benefits	Opening Sizes
<b>Double-Wire™</b> Provides precise sizing of passing material in high-impact and heavy material applications	1.125" – 4" (28.6 mm – 101.6 mm)
<b>Series D</b> Provides precise sizing of passing material in most standard applications	0.059" – 4" (1.5 mm – 101.6 mm)
<b>Series S</b> Removes fines, produces a cleaner retained product and reduces blinding of wet and sticky materials	0.059" – 2" (1.5 mm – 50.8 mm)
<b>Series L</b> Lasts up to twice as long as traditional harp/piano wire while keeping material in spec	Customized to specific applications
<b>Series T</b> Replaces fine mesh to better reduce blinding.  Larger wire diameters provide greater durability for heavy scalping loads or high-impact materials	0.0197" – 2" (0.5 mm – 50.8 mm)

*The Flex-Mat 3 Series works on screen boxes up to 175° F (80° C). Most are available in OptimumWire and stainless steel.*

Double-Wire™

Series D

Series S

Series L

Series T

## The Difference Is Clear



Flex-Mat 3 Tensioned increases material throughput by up to 40%, virtually eliminating blinding, pegging and clogging.

# BACKED BY OUR 100% RESULTS GUARANTEE



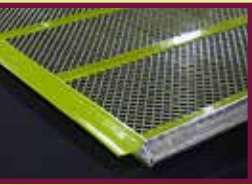
Major Wire has eliminated the risk in trying Flex-Mat 3 for the first time, in new applications and on additional screen decks. Try a full deck of Flex-Mat 3 for 30 days. Your production will increase or we will replace it with another Major Wire product or reimburse your money should it fail to perform as proposed during the sales process. **Only available through Major Wire Authorized Dealers.**

## Helping You Screen Better

Major Wire and our Authorized Dealers live your business every day and share our expertise through these unique programs:

- **Screening Plant Audits** to clearly identify where and how your operation can produce more material for less cost.
- **Screen Maintenance Seminars** held at Authorized Dealer locations or in-plant seminars held at customer locations focus on teaching plant managers, operators and maintenance crews how to run and maintain a screening operation more efficiently.

## Prevent Oversize Material Passing



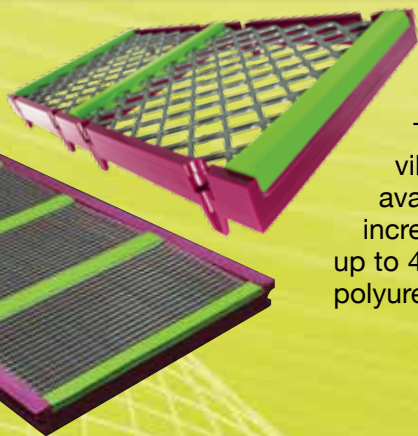
### Overlaps & Side Seals

Overlaps are highly recommended on Flex-Mat 3 Series D and T panels with openings of 3/8" (9.5 mm) or less and on Flex-Mat 3 Series S panels with openings of 3/4" (19.1 mm) or less. They are optional on panels with larger openings up to 2" (50.8 mm).



Side seals are optional for end-tensioned Flex-Mat 3 panels to prevent oversize from passing between the screen cloth and screen box pan sides.

## Also Available In Modular Panels



The same proven Flex-Mat 3 vibrating wire technology is also available in a modular version increasing material throughput by up to 40% compared to traditional polyurethane/rubber panels.



End Near-Size Pegging

More Throughput, Cleaner Retained Product

End Blinding, Get Far More Spec Product

Content of this brochure is subject to change without notice.



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Proven Solutions



Flex-Mat 3 is made with recyclable Thermoplastic Polyurethane.