



SINCE 1884

MAJOR WIRE INDUSTRIES LIMITED

ISO 9001:2008 Registered

Flex-Mat® 3 Modular Polyurethane Screen Media

The Proven New Option To Traditional Polyurethane/Rubber Panels

- Increases Open Area Up To 40%
- Introduces Self-Cleaning Technology
- Employs High-Frequency Vibrating Wires
- Delivers Precise Passing
- Available In Standard Frame Styles
- 1' x 1' (305 mm x 305 mm) & 1' x 2' (305 mm x 610 mm) Panels

The Choice Is Yours

High Throughput With Up To 40% More Production

FLEX-MAT® 3

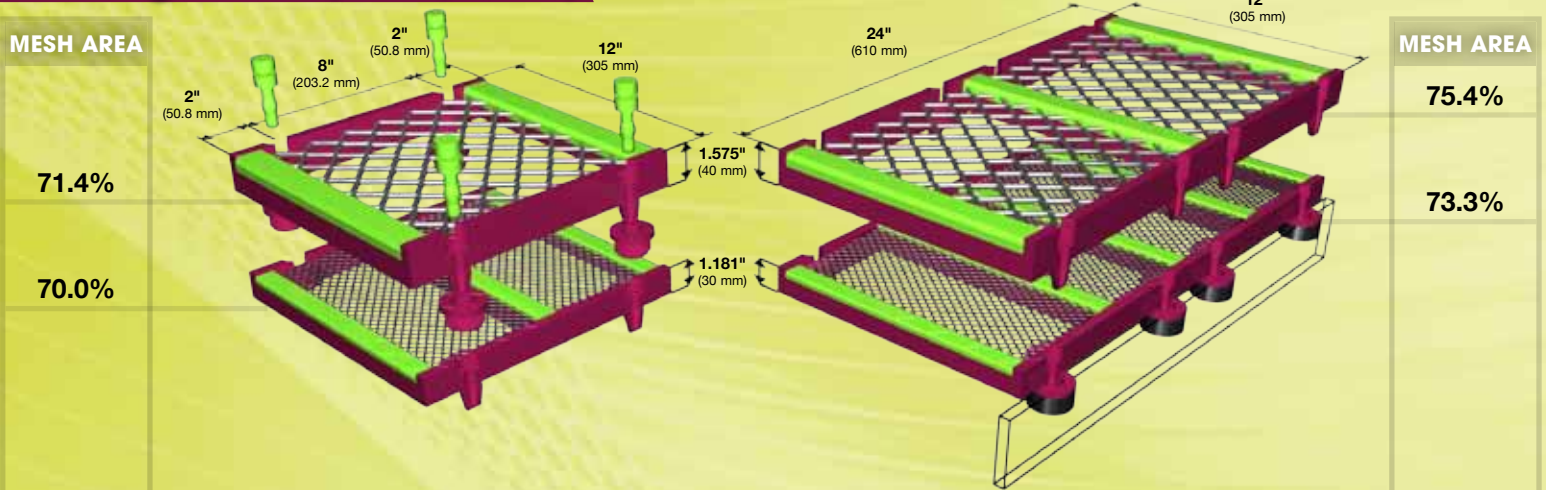
www.flexmat.com

**FLEX-MAT® 3 MODULAR
HIGH-THROUGHPUT, SELF-CLEANING SCREEN MEDIA**

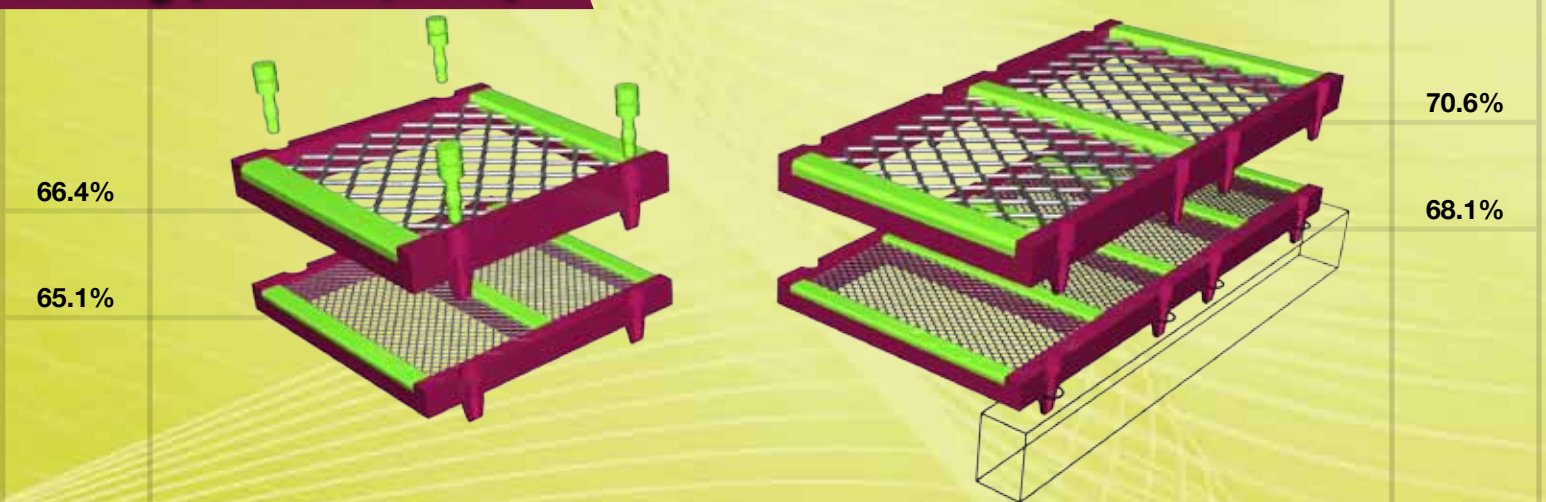
PANEL OPEN AREA % = (Mesh Area %) X (Flex-Mat[®] 3 Open Area %)

Flex-Mat[®] 3 Modular Panels are available from 30 Mesh or 0.020" (0.5 mm) to 1.5" (38 mm) opening

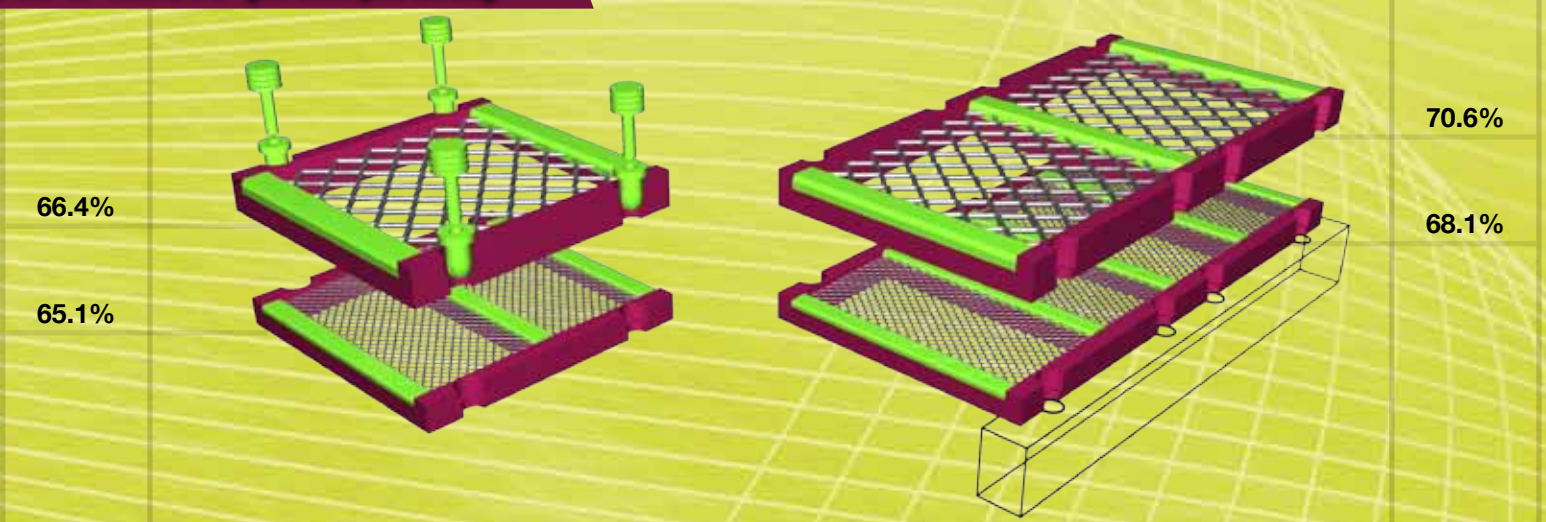
Pin & Leg - MAXI (23 mm pin head)



Pin & Leg (23 or 33 mm pin head)



Pin & Sleeve (33 mm pin head)

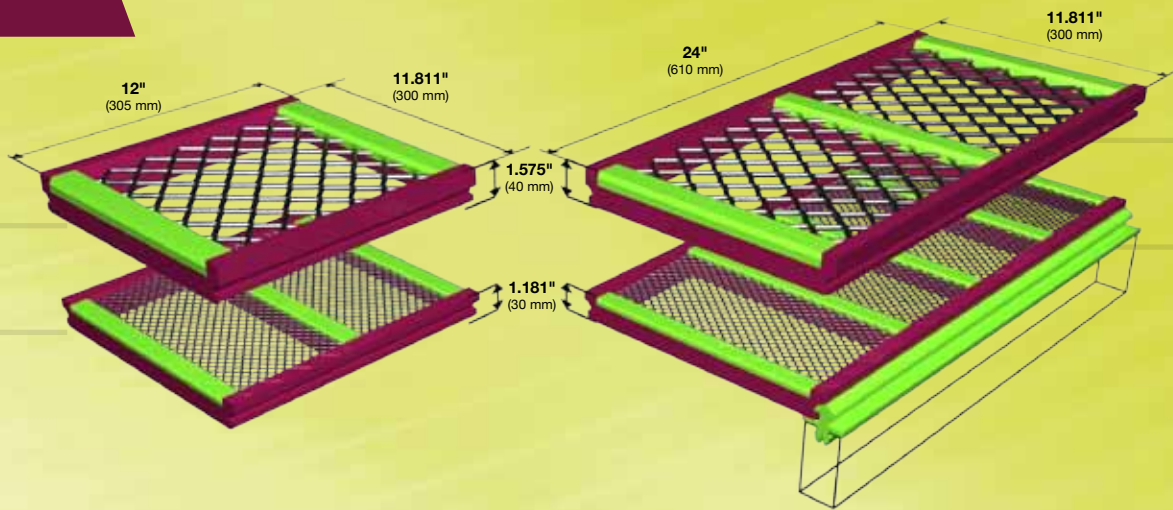


Grooved

MESH AREA

66.4%

65.1%



MESH AREA

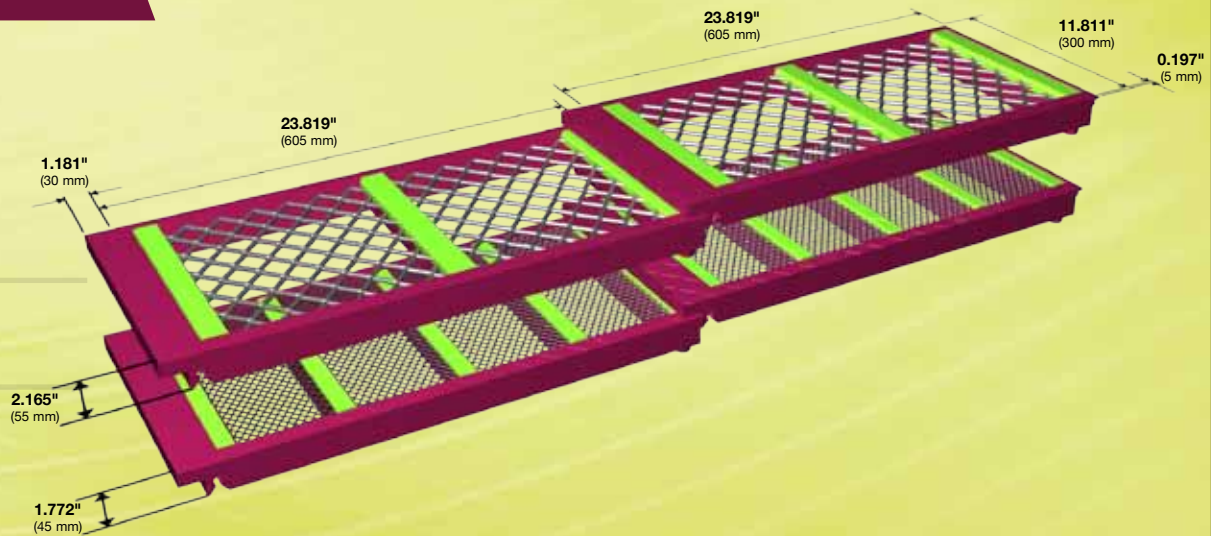
70.6%

68.1%

Step

69.8%

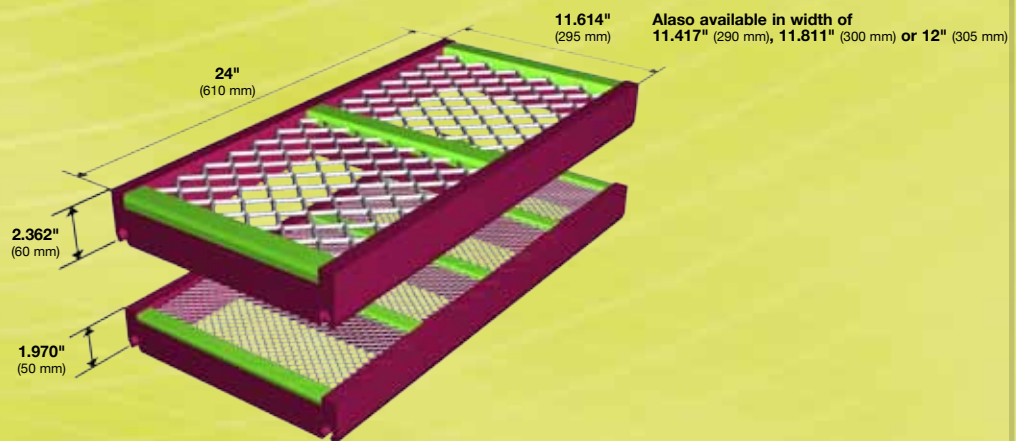
64.9%



Snap

68.1%

65.2%



Panel with wire diameter of 0.135" (3.4 mm) and UNDER are made with:
 - 3 lime green polyurethane strips on 12"x12" (305 mm x 305 mm) panel
 - 5 lime green polyurethane strips on 12"x24" (305 mm x 610 mm) panel

Panel with wire diameter of 0.148" (3.8 mm) and OVER are made with:
 - 2 lime green polyurethane strips on 12"x12" (305 mm x 305 mm) panel
 - 3 lime green polyurethane strips on 12"x24" (305 mm x 610 mm) panel



MODULAR Accessories

33 mm pin's head
For 40 mm thick panel



33 mm pin's head
For 30 mm thick panel



Sleeve
For 33 mm pin's head



23 mm pin's head
For 30 mm thick panel



23 mm pin's head
For 40 mm thick panel



Bushing
For MAXI panel's frame

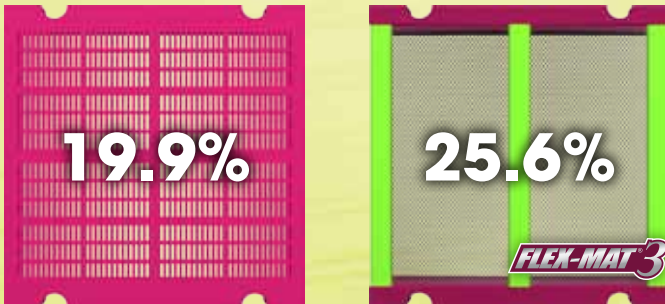


Nocking Bar
For Grooved Type Panel



High-Throughput vs. Low-Throughput

Greater Open Area



Increase of 30%

Self-Cleaning



Vibrating vs. Static Screening

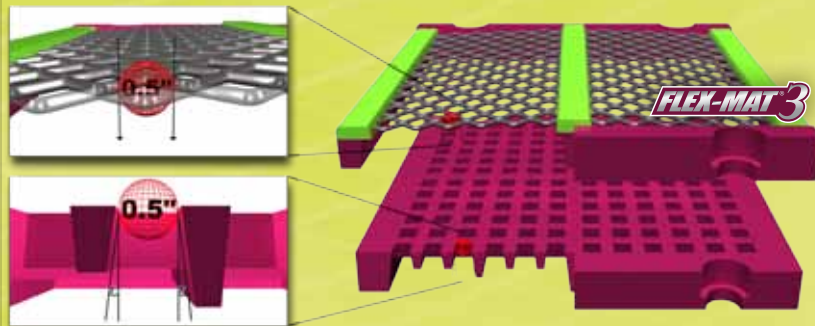


High-Frequency Vibrating Wires



Rigid

Precise Passing



Due to the 7° demolding angle of a traditional low-throughput polyurethane or rubber panel, the openings increase as soon as the top surface is worn.