

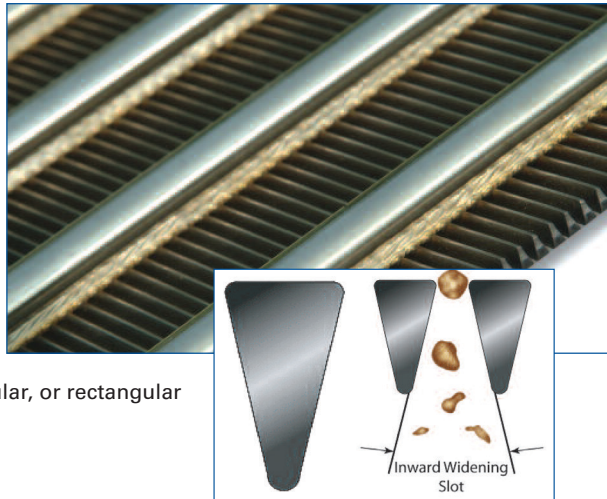
# Elgin Profile Wire and Polyurethane Screens

## Screening Experts Since 1977

Elgin builds a wide range of screens, for everything from vibrating screen decking to custom engineered and fabricated components. Our patented polyurethane screen systems can be used on almost all OEM vibrating screens, for sizing, rinsing, and dewatering your products. We also offer hybrid screen decking in woven wire, perforated plate, and profile wire to maximize your screen's efficiency.

### Profile Wire

- Cold shaped to exacting tolerances for width, height, relief, hardness and tensile
- Offers 2-point particle contact, with continual slots and inward widening openings to allow for less plugging of near-size particles
- Continuously controlled TIG welding to connect the profile wire to the support bars
- Available in round, square, triangular, or rectangular support bars

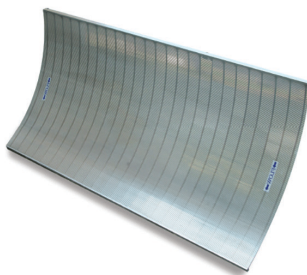


### Applications

- Coal
- Sand and Gravel
- Media Recovery
- Petrochemical
- Sludge Dewatering
- Irrigation Diversions
- Hydroelectric Diversions
- Petroleum Refining
- Architectural
- Pulp and Paper
- Raw Water Intakes
- Brewery Filtration
- Iron Ore
- Coke
- Dredge Dewatering
- Food Processing
- Biological Preservation
- Gold Refining
- Municipal Water Intake
- Lakes, Rivers, Streams
- Crushed Stone
- Potash
- Phosphate
- Copper
- Recycled Materials
- Fertilizers
- Wood Chips
- Shale
- Metallic & Non-Metallic Minerals

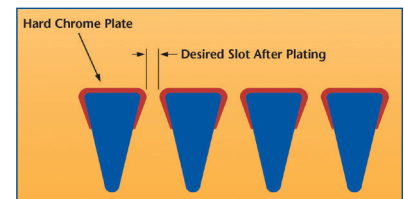
### Curved Static Sieve

Efficiently dewater material from incoming flow using a tilted wedge wire design. Each profile wire is tilted during the manufacturing process for maximum performance.



### Hard Chrome Plating

For high wear problems, hard chrome plating can be added to increase your screen's wear life.



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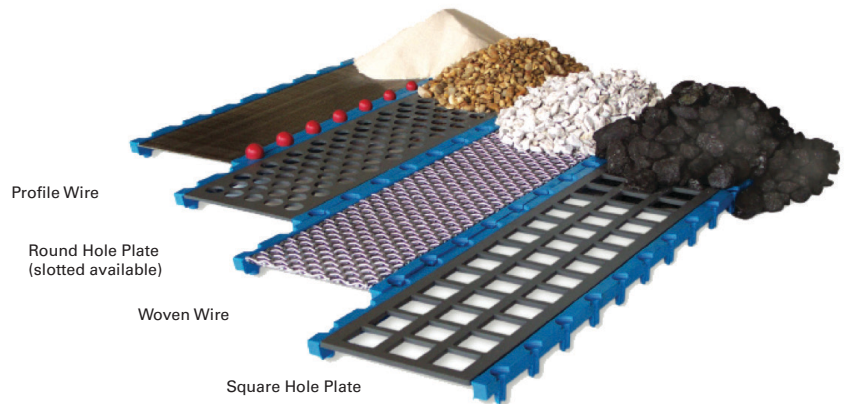
## Modular Screen Panels

Hybrid Panels are available in virtually any screen material and configuration:

- Profile Wire for sizing, dewatering, and rinsing
- Perforated Plate for coarse sizing and washing
- Woven Wire for maximum open area

Advantages:

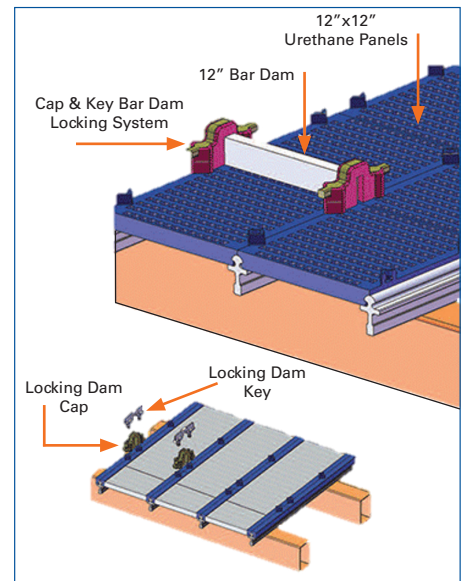
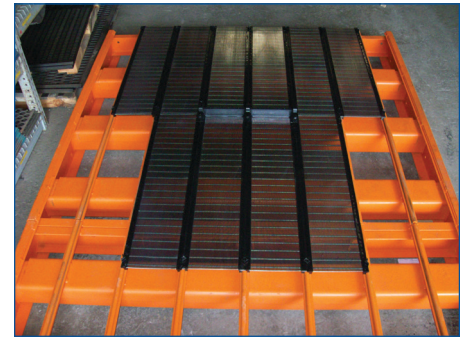
- More open area than urethane
- Flat deck screening efficiency
- Greatly reduces premature failures
- Easy installation = less down time
- Mix and match with urethane
- Great for plant start-ups when fine tuning openings
- Available lengths from 12" to 60"
- Saves money by only replacing small sections of worn screen media instead of large sheets



## Taber Pinless System

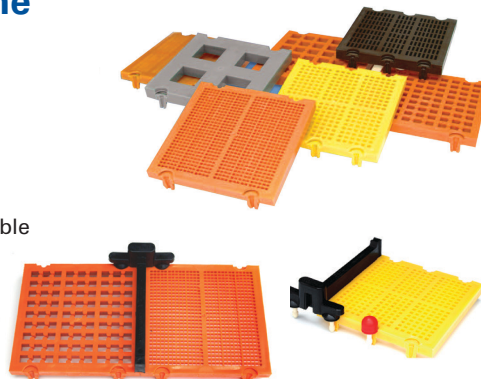
Designed for maximum user flexibility, this support system can accommodate various screen configurations and hole openings and can be installed on most other deck frame designs. It's easy to install or change, reducing operational down time and lost production.

- Less parts to assemble and disassemble
- Diverters on the screen direct the flow of material over the hole patterns for more efficient screening
- Diverters also serve as the locking system for the dams, so a dam system can be located every 12 inches if needed on the urethane panels
- Steel bars are completely covered to reduce wear.
- System will accommodate various screen configurations and hole opening sizes.
- System can be installed on most other frame designs.
- Screen surface can be installed in less time than other screen systems.
- Simple installation saves time and reduces operational down time.
- Ease of maintenance saves time and money.



## Taber-Thane Polyurethane

- 4 Pin and 6 Pin
- Plug free panels
- Square holes, slots
- Patented locking system
- Openings from .25mm to 3"
- Various thicknesses available
- Competitor's fastening systems available



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