

**LINATEX®**  
Screen Media

Excellent  
Minerals  
Solutions

**WEAR**  
MINERALS



**DIAMOND**

[diamondequip.com](http://diamondequip.com)

# Linatex<sup>®</sup> screen media

Built to deliver outstanding wear performance in the most demanding applications, Linatex<sup>®</sup> screen media have rightly won a reputation for reliability and long wear life. Linatex<sup>®</sup> screen media are compatible with a wide range of processing plants, and are fitted as standard equipment on many leading systems across the globe.



## **Low total cost of ownership**

Long term added value and maximum throughput are core concepts in our product designs. Our screen media products provide longevity, resulting in high productivity and low total cost of ownership.

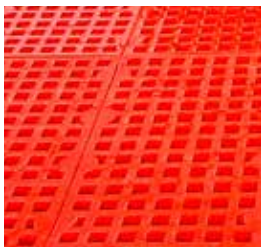
## **High performance - abrasion resistant materials**

We believe that quality raw materials are the key to manufacturing premium screen media products. When we design and build media to suit your specific needs, you can rely on receiving a superior wear resistant product created with high quality rubber, polyurethane, or woven steel materials.



## **Customized media designs to suit unique screening applications**

Design is critical to the performance of your screen media. With extensive experience and a wide range of products and material options to draw from, we have the expertise to evaluate your needs and provide cost effective and high performance solutions. Our extensive knowledge of high performance material compounds ensures that our products are built to last. Custom solutions are designed to produce a cost effective screen for the specific application.



## **Service and field expertise**

For half a century Linatex<sup>®</sup> screen media experts have partnered with industry professionals to solve countless screening issues. The result of this experience is an unmatched range of solutions delivered by a team of experts, ready to assist with your unique needs.





High performance materials + field expertise + customization =  
**Low total cost of ownership**

## Expertly produced to deliver outstanding wear performance in the most demanding applications

### Mining and minerals processing

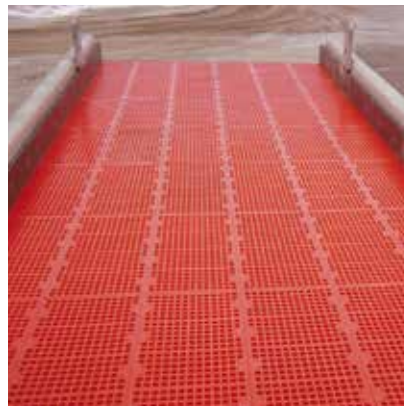
Linatex® screen media products are used in some of the harshest and most demanding applications across the globe. Our media designs and durable mounting systems are used in a wide range of minerals and metallurgical applications in basic metals production (copper, nickel, iron); precious metals and gems production (gold, silver, platinum, diamonds); and industrial minerals (coal, potash, phosphates, frac sands).

### Sand, gravel, crushed stone, and aggregates

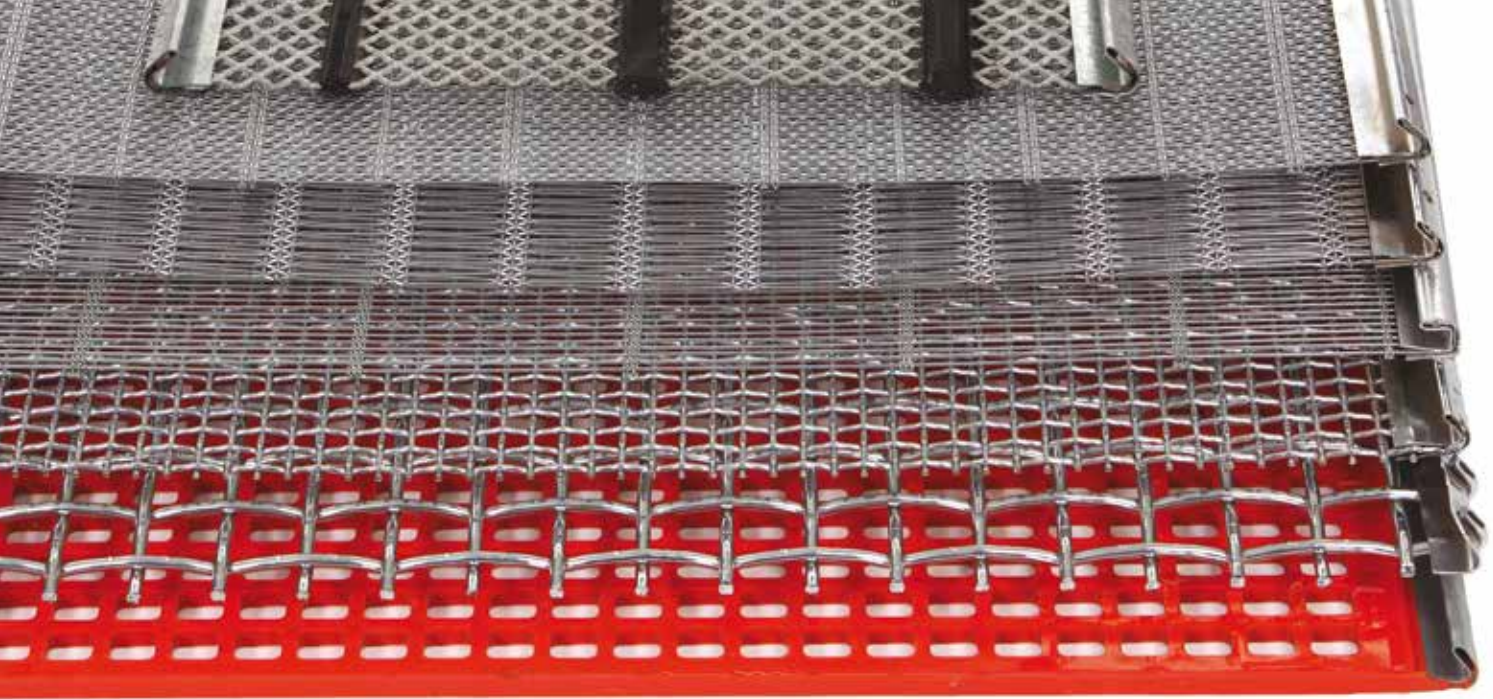
Linatex® wire cloth screens are the foundation for a full line of innovative screen media solutions designed to service construction materials production processes. Side-tensioned media, bolted media, and modular type media manufactured from rubber and polyurethane materials round out our product offering. From grizzly screens and dredging operations, to fine sizing and dewatering screens for sand plants, Weir Minerals offers cost effective media solutions for every stage of materials screening.

### Other industries

Linatex® screen media are applicable in other industries and we're not afraid of a challenge. Drilling fluids reclamation, oil sands processing, steel mill processes, recycling screens, and sugar beet processes are just a few examples of applications where we have applied innovation to deliver productivity improvements to our clients. **We don't just think outside the box, we redesign it to suit your needs.**







# Wire Cloth Screens

Designed to provide excellent service and operation in the toughest environments

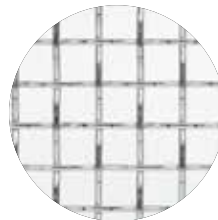
Whether you need stock or custom specification wire screen panels, depend on Linatex® screen media. Using modern manufacturing techniques and innovative designs, we produce some of the best wire screens available.

With our modern facilities and expertly-trained technicians, we can offer wire cloth built precisely to your individual specifications, using superior grades of steel. Weir Minerals employs strict process and end-product quality control procedures in order to ensure our customers of only the highest quality screen cloth used to meet order requirements.

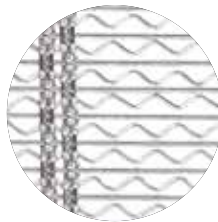
We are committed to serving your individual needs, that is, providing what you need when you need it.

## Features and benefits

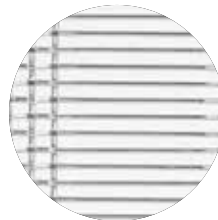
- No oversized materials. By using precision trim of end wires to length not exceeding one half of the specified opening when two sections are mated, the junction point does not exceed the specified opening size.
- Double crimp screen cloth is made with a shallow crimp wire in one direction and deep crimp wire in the other, which reduces the chance of excessive stretch in the panel and guarantees less flexing and uncontrolled vibration.
- Highest quality steel materials available for strong abrasion resistance and long wear life.
- Made from tempered, stainless, or high carbon steel, Linatex® wire cloth durability and strength permits use of lighter gauge wire, offering more open area.



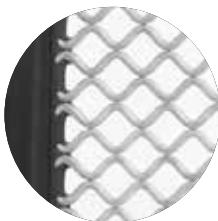
**Standard woven wire** — Offered in both square weave and rectangular slotted openings in a complete range of diameters.



**Accuslot™** — Specialty wire screen is especially effective in processing crushed stone, sand and gravel, and materials with high moisture content.



**Vibraspan™** — Built for long life, easy installation, and high production. Inter-crimp or straight wire specialty long-slot wire screen for when it's necessary to precisely match the machine's support bars for maximum screen life and open area.



**Livewire™** — Designed to boost productivity by reducing costly time-consuming blinding, plugging and pegging problems. This hybrid-type screen is available in four different opening styles for maximum output. Molded rubber strips hold high-strength wires in place, providing better screening action and greater open area.



# Rubber & Polyurethane Screens

High performance polymers and uncompromising quality

## The right material for the right job — premium natural and synthetic rubber

The Linatex® brand is acknowledged around the world as the leading brand of premium natural rubber for abrasion, impact, and corrosion resistance. From formulation to final processing, our rubber materials are designed to deliver high performance specific to unique applications.

Our thermoset polyurethane materials are produced with the care and precision of an open cast process. The slow curing process creates a stronger cross-linking of molecular bonds at the chemical level that result in a high performance screen media material.

Similarly, our Linatex® premium rubber compounds contain extremely high levels of natural rubber content that translate to a high performance wear product. Our knowledge of latex processing for optimal material properties and the breadth of our rubber material offerings are highly regarded in the industry.

## Features and benefits

- Wide range of opening styles and problem solving designs (including square, round, slotted, self-cleaning)
- High open area designs when required, balanced with durability and performance
- Various hardnesses and compounds to suit specific applications
- Depending on the application, our polymer screens can last up to twenty times longer than wire cloth and up to ten times longer than perforated plate
- Supported by our experienced field representatives who provide on-site assessment and advice

Linatex® screen media products are made from excellent wear materials

### Polyurethanes

Highly abrasion resistant materials for use in medium to fine aperture and specific wet-sizing applications.

### FusionCast™ Polyurethanes

A new range of high performance polyurethanes, these thermoset materials offer superior abrasion resistance in any application. Field trials conducted to date have confirmed wear life advantages of up to 83% improvement when compared to injection molded polyurethanes.

### Linatex® Premium Rubber

The flagship soft natural rubber compound for which Linatex® rubber products are world renowned. Extremely well suited for wet applications - there is no equivalent.

### Linard® Rubber Compounds

Offering a full complement of rubber compounds suitable for the most aggressive and demanding applications. Hardness ranges from 55A to 70A.

### Linagard® Specialty Rubber Compounds

High performance rubber formulas for demanding applications involving chemicals, oils, or elevated temperatures.

### Self-Cleaning Rubber

For reduced blinding and plugging, especially when materials are sticky, have a high moisture content, or high percentage of near-size material.





# Modular Systems

Versatile and easy to install, Linatex® modular systems are the best choice for maximizing production and minimizing maintenance

Versatile and easy to install, there is nothing more economical than Linatex® modular screen systems. Designed with tapered openings for reduced plugging and increased throughput, modular panels are matched to each application by our in-house engineering and mold design group.

## Materials and sizes

Linatex® modular screen systems are available in rubber, urethane and wire cloth. Many combinations of tapered openings and panel sizes are available, any of which can be combined on the same deck to meet the exact needs of your application. Weir Minerals also offers modular panels in the type, size and fastening style to fit most competitor's systems.



**Snapdeck® Classic** — Ideal for new or existing screening equipment, this modular screen system provides the efficiency of flat-deck screening plus the high performance of a system designed specifically for your application. Linatex® Snapdeck® Classic modular panels are easy to install or remove, with no pins or secondary attachment parts required.



**Snapdeck® 2000** — Raising the bar on time savings and high-capacity performance. Linatex® Snapdeck® 2000 modular screen systems provide increased open area, pinless panel change out, and cost-efficiency.



**Bolt-down modular** — Delivering long wear life in the most rugged applications. The economical solution in abrasive and high impact applications that typically shorten the life of perforated plate, wire cloth, or even hook-style rubber panels. The 2' x 2' panels are light enough for one person to install - eliminating the manpower and equipment required to change conventional bolt-down screens. The modular design flattens out the deck and provides superior open area in comparison to a typical bolt-down screen panel.



# Specialty Linatex<sup>®</sup> Screen Media

## Armor<sup>®</sup> screen

The Armor<sup>®</sup> screen is a combination of high grade wire cloth with a molded coating of premium polyurethane. This combination of technologies creates screens that have a much higher open area than conventional polyurethane screens and much longer wear life than wire screens.

The Armor<sup>®</sup> screen covering is not just a coating, it's molded to give the production advantages of relief tapered openings which increases throughput and reduces plugging. Combined with a high grade woven wire back-bone, it creates a strong highly wear resistant screen.



## Heavy duty side-tensioned screen

Linatex<sup>®</sup> side tension screen surfaces are durable and flexible, allowing it to resist abrasion, corrosion, tearing, chipping and chunking. The side tension screen surfaces are custom molded for your equipment. The screens install just like traditional wire cloth. This means that no modifications are needed to your hardware or tensioning system. Linatex<sup>®</sup> side tension screen surfaces are offered in a full range of sizes and tapered opening shapes for peak efficiency.



## Sieve Bends

Constructed from our high quality polyurethanes, these screens are a cost effective alternative to profile wire. Available in common openings from 0.3mm up to 2mm, urethane sieve bends are fully reversible and lighter than standard profile wire.



## Plate backed screen surfaces

Linatex<sup>®</sup> plate backed screen surfaces are constructed from any of the range of Linatex<sup>®</sup> rubber and vulcanized to a full steel backing. They are designed to take the punch of heavy impact or heaving screening loads. The plate back screen surfaces are more forgiving than other elastomeric screen panels and can take more abuse from aggressive materials.



## Perforated plate screens

Linatex<sup>®</sup> perforated plate screens are available in a variety of high quality steel alloys (typically ranging from 250 to 480 BHN). Plate screens are best for primary and secondary scalping, and dredge fed applications.





**WARMAN®**

Centrifugal Slurry Pumps

**GEHO®**

PD Slurry Pumps

**LINATEX®**

Rubber Products

**VULCO®**

Wear Resistant Linings

**CAVEX®**

Hydrocyclones

**ENDURON®**

Comminution Equipment

**FLOWAY® PUMPS**

Vertical Turbine Pumps

**ISOGATE®**

Slurry Valves

**MULTIFLO®**

Mine Dewatering Solutions

**HAZLETON®**

Specialty Slurry Pumps

**LEWIS® PUMPS**

Vertical Chemical Pumps

**WEIR MINERALS SERVICES™**



For further information on any of these products or our support services contact your nearest sales office or visit:

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



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