

LINATEX®
Screening Equipment

Screen Media

Excellent
Minerals
Solutions



Linatex[®] Screen Media

Expertly built to deliver outstanding wear performance
in the most rugged applications



Linatex[®] screen media has rightly won a solid reputation for reliability and long wear life.

Low total ownership cost

Long-term thinking and productivity are core concepts in our product designs. Our premium screen media products provide longevity, resulting in high productivity and low total ownership cost.

High performance, abrasion resistant materials

We create superior wear resistant screen media systems using high quality rubber, polyurethane or woven steel materials.

Customised 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 utilise, we have the expertise to evaluate your needs and provide cost effective and high performance solutions. Our extensive knowledge of wear performance compounds ensures that our products are built to last.

Service and field expertise

For half a century the screen media experts at Linatex (now Weir Minerals Linatex) have partnered with industry professionals to solve countless screening issues. We provide a range of solutions and field service to suit your unique needs.



Innovative screen materials designed to match your unique application

Linatex® screen media are compatible with a wide range of processing plants and are fitted as standard equipment on many leading systems across the globe.

Mining and minerals processing

Linatex® screen media products are used in some of the harshest and most demanding applications throughout the world. 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, TiO₂, potash, phosphates, frac sands).

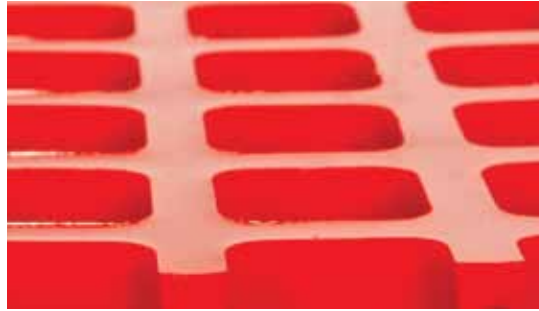
Sand, gravel, crushed stone, and aggregates

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 Linatex offers media solutions for every stage of materials screening.

Other industries

Linatex® screen media are applicable to 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.



A solution for every processing challenge, made from technologically advanced wear materials:

Rubber

For high-impact applications that require wear resistant screens with openings 9.5mm or larger including:

Linatex® premium rubber: Soft natural rubber compound extremely well suited for wet applications.

Linard® rubber compounds: Suitable for the most aggressive applications. Ranging in hardness from 55A to 70A.

Linagard™ specialty rubber compounds: For demanding applications involving chemicals, oils, or elevated temperatures.

Polyurethanes

Linatex® polyurethane is highly abrasion resistant for wet-sizing applications where openings are smaller than 100mm.

Dual-durometer urethane formulas

For superior abrasion resistance, with the ability to absorb additional impact.

Self-cleaning rubber

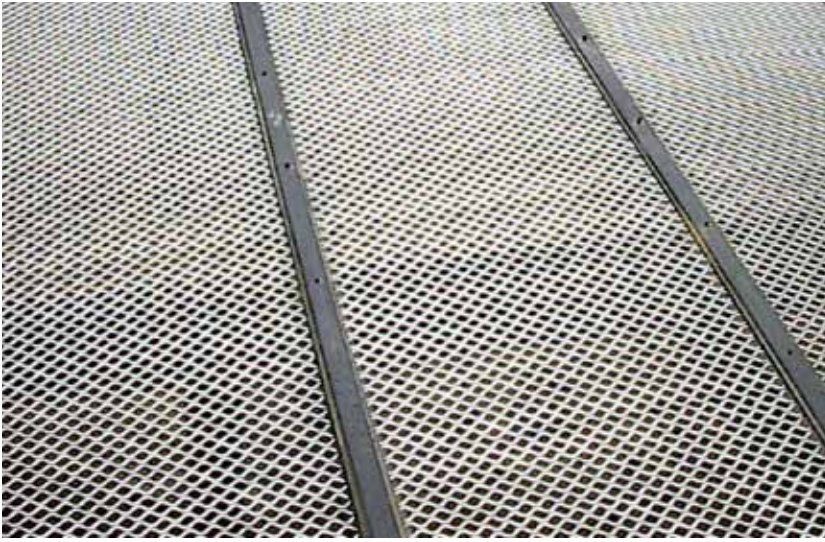
For reduced blinding and plugging, especially when materials are sticky, have a high moisture content or a high percentage of near-size material.

Modular wire cloth

Custom formulated wire materials for maximum open area and increased screening capacity.

Wire Cloth Screens

Designed to provide excellent service and operation in the toughest environments



Using cutting-edge manufacturing techniques and new ideas, we produce wire cloth from among the most superior grades of steel, built precisely to your individual specifications.

Our modern facilities and expertly-trained technicians ensure only the highest quality screen cloth is produced to meet your order requirements.

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. This guarantees less flexing and uncontrolled vibration.
- High quality steel materials available for strong abrasion resistance and long wear life.

Materials

Made from tempered, stainless or high carbon steel, Linatex® wire cloth durability and strength permits use of lighter gauge wire, offering more openings per square metre of screening area.

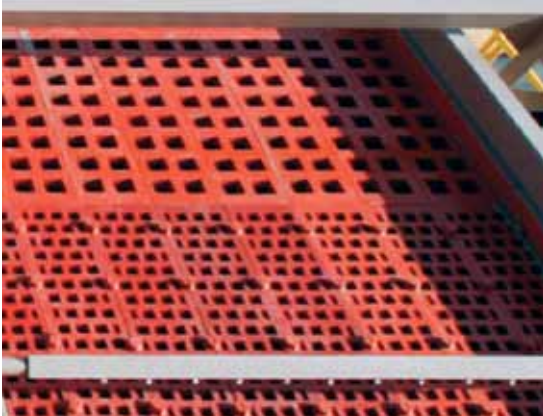
Screen types

- **Standard woven wire:** Offered in both square weave and rectangular slotted openings in a complete range of diameters.
- **Accuslot™:** A specialty wire screen particularly effective in processing crushed stone, sand and gravel, and materials with high moisture content.
- **Vibraspan™:** The high throughput screen built for long life, easy installation and maximum 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 openings for maximum output. Moulded rubber strips hold high-strength wires in place, providing better screening action and greater open area.



Rubber & Polyurethane Screens

Using the right material for the job - high performance polymers and uncompromising quality

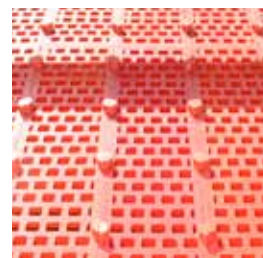


Linatex® is acknowledged around the world as the leading brand of premium natural rubber for abrasion, impact and corrosion resistance.

From formulation to final processing, our polyurethane and rubber materials are designed to deliver high performance specific to unique applications.

Features and benefits

- Customised solutions to suit every application.
- High open area when needed - balanced with durability and performance.
- Wide range of opening styles and problem solving designs.
- Square, round or slotted.
- Self-cleaning rubber.
- Specialty openings.
- Depending on the application, Linatex® polymer screens can last up to twenty times longer than wire cloth and up to ten times longer than perforated plate.
- Various hardnesses and compounds to suit specific applications.
- A variety of standard and custom-made screen configurations.
- Customer branding and/or colour coding to ensure full and clear identification of apertures.
- Supported by our experienced field representatives who provide on-site assessment and advice.



Modular Screen Systems

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



Designed with tapered openings for reduced plugging and increased throughput, modular panels are matched to each application by our in-house engineering and mould 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 Linatex also offers modular panels in the type, size and fastening style to fit most competitor's systems.

Linatex® modular screen systems

- **Snapdeck® Classic:** Ideal for new or existing screening equipment, this modular screen system provides the efficiency of flatdeck 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:** 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. 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 to fully utilise the maximum open area.

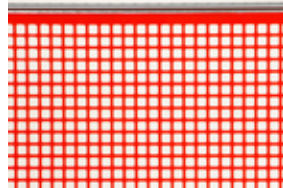


Additional Screen Media Products

Linatex® ARMOR™ screen

Linatex® ARMOR™ screen is a combination of high grade wire cloth with a moulded coating of premium polyurethane. This combination of technologies creates screens that have much higher open area than conventional polyurethane screens and much longer wear life than wire screens.

The ARMOR™ screen covering is not just a coating, it's moulded to give the production advantages of relief tapered openings. This increases throughput and reduces plugging. Combined with a high grade woven wire backbone, it creates a strong highly wear resistant screen.



Side tension screen surfaces

Linatex® side tension screen surfaces are durable and flexible, allowing them to resist abrasion, corrosion, tearing, chipping and chunking. The screen surfaces are custom moulded for your equipment. Because the screens install just like traditional wire cloth, no modifications are needed to your hardware or tensioning system. Linatex® side tension screen surfaces are offered in a full range of sizes and tapered opening shapes for peak efficiency.

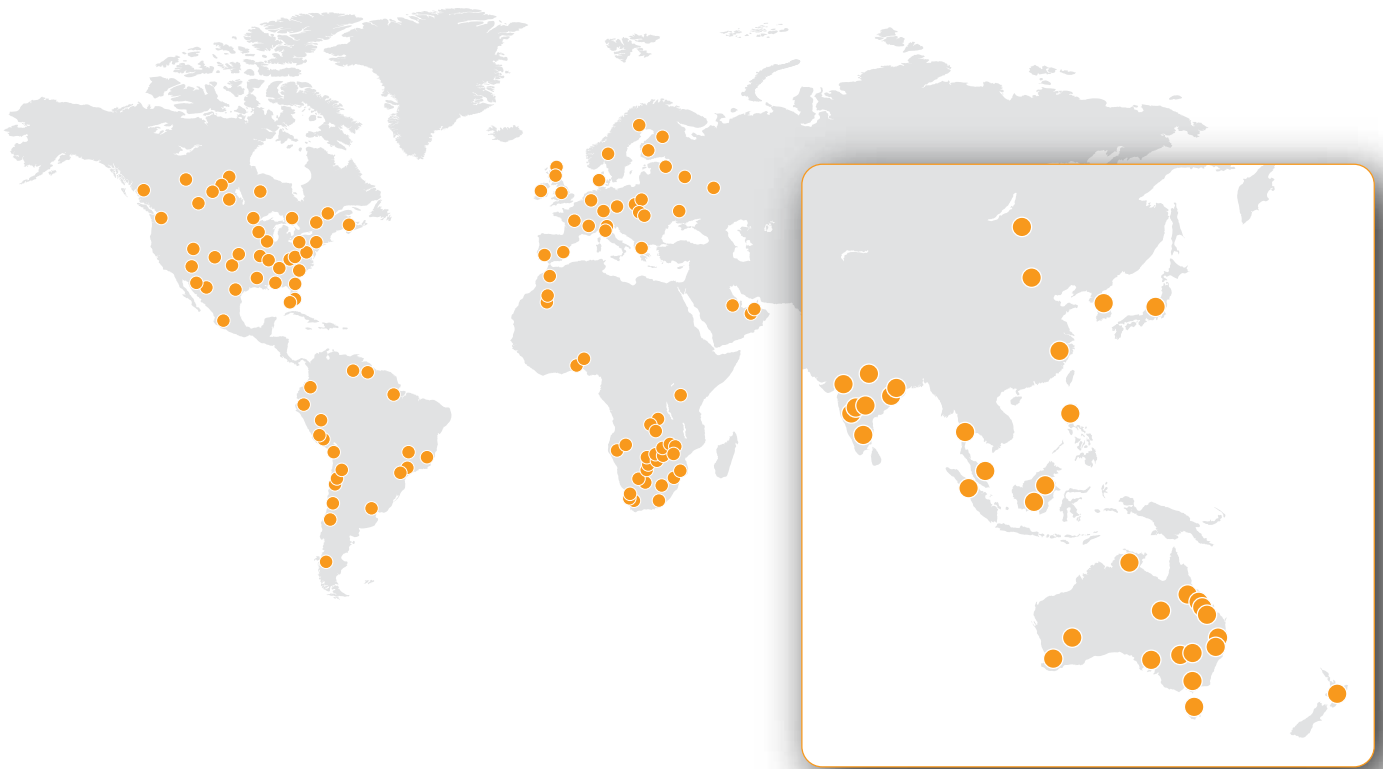
Sieve Bends

Constructed from highly resistant 90A polyurethane, 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® plate backed screen surfaces are constructed from the range of Linatex® premium rubber and vulcanised to a full steel backing. They are designed to withstand 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.





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GEHO®
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Mine Dewatering Solutions

HAZLETON®
Specialty Slurry Pumps

LEWIS® PUMPS
Vertical Chemical Pumps

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