Durex® Premium Screen Media

Durex® wire cloth screens are the foundation for a full line of innovative screen products manufactured since 1965. Durex® wire cloth is made of high quality oil tempered, stainless, or high carbon steel, which offers long life, minimal downtime, and low cost per ton of production.

In addition to high quality raw materials, Durex® uses advanced tooling and production machinery to assure accurate openings and tight weaves. The production personnel have the experience and knowledge needed to produce high quality, accurate, and long-lasting screen media. The high levels of accuracy and workmanship also extend to finishing the screen panels. Each Durex® wire screen panel is precisely sheared to the customer’s specifications and hooked to match the customer’s machine OEM specifications.

Durex® Woven Wire Cloth is made of high quality oil tempered, stainless, or high carbon steel. Square openings available ranging from 3/32” to 6” and rectangular slotted openings ranging from 3/64” to 3/4”.

Durex® Long Slot Triple Shoot Wire Cloth is designed to eliminate plugging and blinding. Long Slot wire cloth will keep your operation running smoothly and efficiently. Durex® Long Slot screens are crimped specifically to provide better sizing accuracy and can be made in a “Flat Top” weave for more uniform wear. Available in a wide range of openings and slot lengths.

Durex Vibraspan™ Long Slot Triple or Five Shoot Wire Cloth combines the best attributes of end-tensioned screen panels and longitudinal slots for more open area without sacrificing control of product size. Vibraspan™ screen adds crimping to the longitudinal principal, which adds strength as well as elasticity. The crimps act as a spring and enables the wires to hold their tension longer. Increased vibration due to the longer slot length will decrease blinding and increase production.

Durex® Inter-Crimp Slotted Wire Cloth is designed to stay clean in damp applications where sticky material will plug square openings. The Inter-Crimp screen is designed to stay clean to avoid blinding. When compared to highbred screens, this product offers longer wear life, stronger screen panel and a lower cost alternative.
Durex® Accuslot® Wire Cloth is designed to provide the accuracy of square openings with the production efficiency and cleaning ability of long slot wire cloth.

Accuslot® screens help eliminate plugging and/or blinding, while minimizing the passing of slivers. Clusters of wires can be spaced to match bucker bars. Various openings are available in both Durex® XT or stainless-steel wire.

Durex® Livewire® Wire Cloth is designed to boost productivity by reducing costly blinding and pegging problems while also delivering superior wear life.

Livewire® screens are a hybrid-type screen and 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.

Durex® Livewire® Wire Cloth is available in the four different open styles shown below:

- Type AR
  - Accuslot® Rubber
- Type DR
  - Diamond Rubber
- Type HR
  - Herringbone Rubber
- Type SR
  - Straight Rubber

Durex® Armor® Screens protect your operation with the combined benefits of long wear life and high open area.

Armor® screen is a combination of high grade wire cloth and 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® screen covering is not just a coating, it’s molded to give the production advantages of relief tapered openings. This is designed to increase throughput and reduce plugging. Combined with a high grade woven wire back-bone, it creates a strong highly wear resistant screen.

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