COMPASS™
WIRE CLOTH CORP.
THE SCREENING PROFESSIONALS

800-257-5241

SALES@COMPASSWIRE.COM WWW.COMPASSWIRE.COM

Minimize downtime.

Maximize throughput.

Quality separating surfaces for tough jobs.

Your reliable source for quality screens.

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800-257-5241

sales@compasswire.com

ISO 9001:2015
CERTIFIED

Does your company process aggregate materials like gravel, asphalt, mulch, sand, limestone, or coal? Screening these substances can be a challenge when you don't have the right separating surface in place.

As a plant manager or a superintendent on a job site, you know how important it is to install and maintain quality screening equipment that gets the job done. Problems like pegging when a stone blocks an opening in the screen - and blinding when dust-sized particles coat the screen's surface - can lead to an improperly sized finished product while causing delays and unwanted downtime.

Our ongoing commitment: to minimize downtime and save you money.

When it's time to add or replace screens or wear parts for your aggregate operation, you need a company that will help you choose the right surface for the material you're screening. One that under-stands how different materials interact with the screen media, and can find the right match for your product application. A company that sources quality raw materials, completes multiple inspections during the fabrication process, and stands behind the finished product, letting you focus on what you do best.

Minimize production downtime.

Downtime costs you money. It eats into your profits, idles your workers, and causes missed production deadlines. But it doesn't have to be that way.

When you have access to an aggregate product line that's both deep and specialized, your operation won't be down for long. Compass Wire keeps a large inventory of wire cloth and parts in stock, so your shipment is ready to go soon after you order. And we don't compromise on quality .

Comprehensive inventory always in stock .

Quick order turnaround.

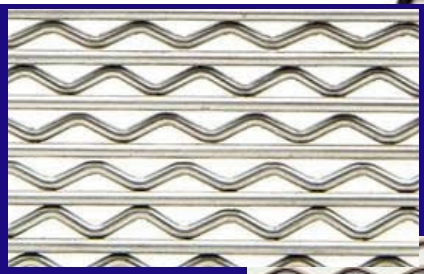
ISO 9001:2015 Certification

Our ISO 9001:2015 certification means you get the exact product you ordered - including wire size, crimp, weave, and opening - every time. We source the best materials and fabricate high quality screen cloth from our state-of-the-art facility, matching your OEM specifications.

WHICH SCREENING MEDIA IS RIGHT FOR THE JOB?

WIRE CLOTH

- Greater throughput
- Less expensive than rubber or polyurethane
- Various widths and lengths



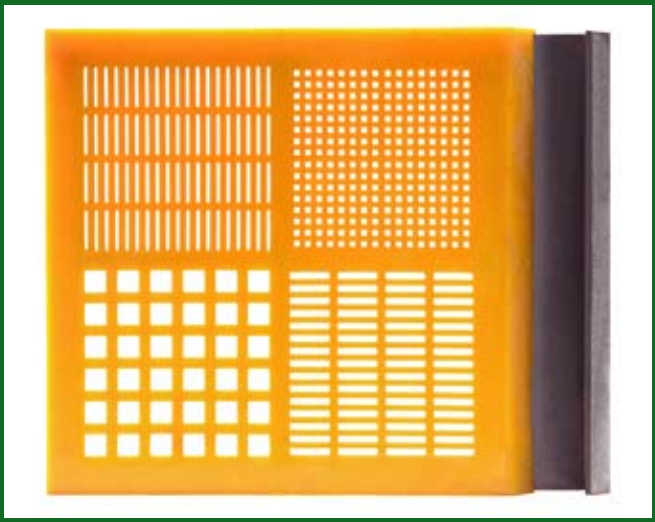
Polyurethane Screens

Although more expensive than wire cloth, polyurethane has many advantages.

Once in place, you can change out worn areas without replacing the entire screen. Snap-in options include 1'x 1', 1' x 2', etc.

Rubber screen

- Longer life — in some cases, up to 15 to 20 times the life of wire cloth
- Excellent throughput due to reduced plugging and blinding



Polyurethane screen

- Easy installation and flexible installment options
- Modular or permanent with quick installation

Sharkskin screen

Match the screened material with a compatible screen alloy.

Depending on the aggregate you're screening, you'll want to be sure the screening material fits. For example, using high carbon screens to process materials under wet conditions isn't always the best choice, because of the likelihood of sticking. In that case, stainless could be an option. You'll also want to consider the weight of the material and the level of corrosiveness — this will determine wire thickness.

Our knowledgeable customer service reps will help you select the right screen material for the products you're processing. That means a longer screen life for your separating equipment, and translates into higher profits from your aggregate operation.

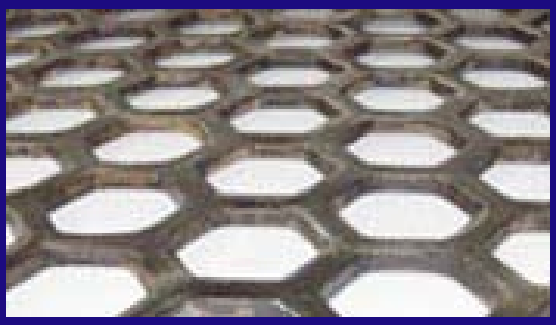
STAINLESS STEEL, HIGH CARBON AND LOW CARBON STEEL ALLOYS

- Plain Steel
- Welded Mesh

Perforated Plate

Available in round, square, slotted or hexagonal openings, perforated plate (or "punch plate") is efficient at screening material to a specific size. Staggered openings prevent blinding.

Perforated plate may be ordered in high carbon steel.



- High carbon steel
- Wet or dry applications
- Superior wear and impact resistance
- Maximum open area

Rubber

- Rubber surface molded to steel backing plate
- Ideal for scalping applications
- Excellent abrasion, impact and wear resistance
- Wet or dry applications

Hook and Edge Prep

We fabricate screens with a variety of hooks and shroud material to suit your requirements.

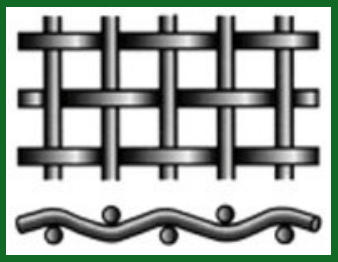
HOOK and EDGE PREP MATERIALS

- **Mild Steel**
- **Galvanized Steel**
- **Stainles Steel**
- **Custom Material**

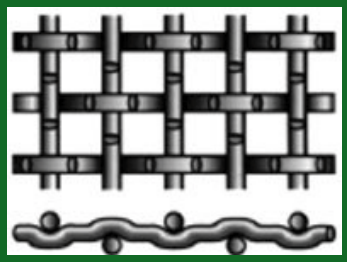
Weave Styles

We can supply the appropriate weave for your application:

Double-Crimp All around performance for medium to heavy wire in relation to screen opening size. Efficient and long wearing in a variety of applications.

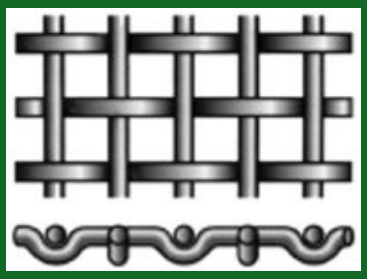


Loc-Crimp For light to medium wire in relation to screen opening size. Wire is locked in pleace for long wear and accurate screen openings for the life of the screen.

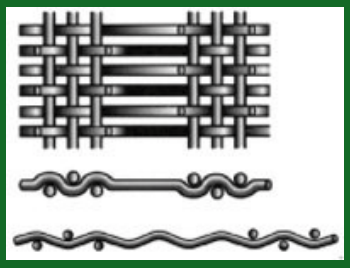


Loc-Crimp Dbl-Crimp Single-shute oblong openings solve minor are blinding issues for better flow.

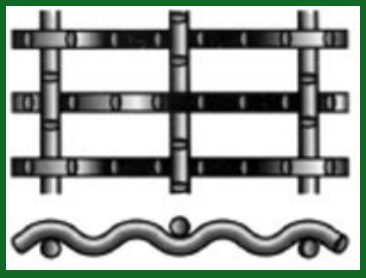
Flat Top Flatter surface, good for improved material flow.



Tri-Loc Long openings will keep sticky or wet material flowing freely. Weave holds wires securely yet permits slight vibration to keep openings clear.



Intercrimp When open area is important. Extra crimps provide locking and tightness for light wires in relation to large openings.



Tri-Mesh All the advantages of Tri-Loc weave with Loc-Crimp in one direction and Double-Crimp in the other. In addition, the length of the slot can be made to an opening and wire specification.

Loc-Crimp

Double-Crimp

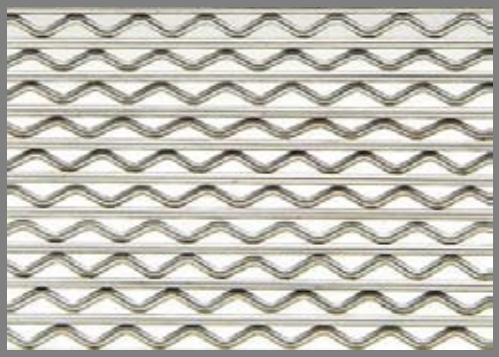
Produce right-sized aggregate material.

When you're screening aggregates, you want to maintain the sizing and quality of the finished product without reducing throughput, and avoiding pegging and blinding while separating unwanted flakes and slivers. Clean screens with wires that vibrate independently will keep both production rates and product quality at the highest level.

Compass Wire can help you find the best screen style for the aggregate material you're processing. That means choosing the right size openings, along with the appropriate weave and wire size.

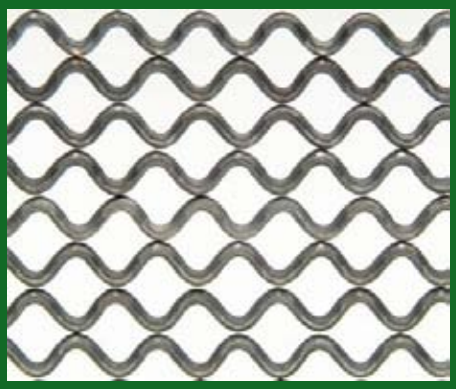
Non-Blinding Screens

A-STYLE SCREENS



- Triangular shaped opening
- Resilient to damage from oversized material
- Most accurate for sizing

B-STYLE SCREENS

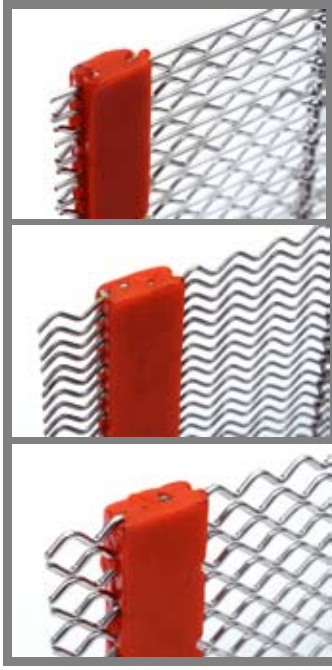


- Diamond-shaped openings
- Accurately size dry or damp material
- Also available in High Carbon wire

C-STYLE SCREENS

- Herringbone weave pattern
- Prevent roots, grass, and other debris from clogging screen surface
- Used where gradation from raw to finished is not great

Also available with polyurethane clusters.



In these screens, poly replaces the woven wire clusters for greater flexibility, long life, and little to no blinding in damp and sticky applications.

Trommel Screens

When you process wet materials like soil, mulch, and sand, these cylindrical screens classify aggregate products. We can fabricate our edges to OEM specs or use our custom fabricated shrouded edge (up to certain wire diameters) or a welded-on edge. Available wire diameters range from 0.135 to 0.375.

We fabricate Trommel screens in-house, specializing in Powerscreens, Finlays, McCloskeys, and Retechs. Need one quickly? We stock multiple sizes of fabricated Trommel screens for fast delivery.

Piano Wire

We carry a variety of piano wire in stock for quick delivery. We also offer harp fingers.

Replacement Panels

We supply replacement panels for all OEM screeners!

- Andritz Sprout-Bauer
- Cedar Rapids
- Deister
- E-Z Screen
- El Jay
- FMC
- Finlay
- J&H
- Masterskreen
- Maximus
- McCloskey
- Metso
- Midwestern
- Mogensen
- PEP
- Powerscreen
- Retech
- Rubble Master
- Sandvik
- Seco
- Simplicity
- Smico
- Telsmith
- Trommel Screen
- Tyler
- Viper
- ...and others!

Accessories and Related Wear Parts

As your aggregate screens age, you'll need a variety of screen wear parts to keep systems performing at maximum production. We can help!

Side clamp rails - Need clamp rails for your OEM? We manufacture tension rails in standard A-36 steel for all makes and models, with thicknesses from 1/4" to 5/16". Tension rails for rubber and polyurethane systems are available as 1/2" rubber vulcanized onto a 5/16" steel rail, with a 1/16" backing plate between.

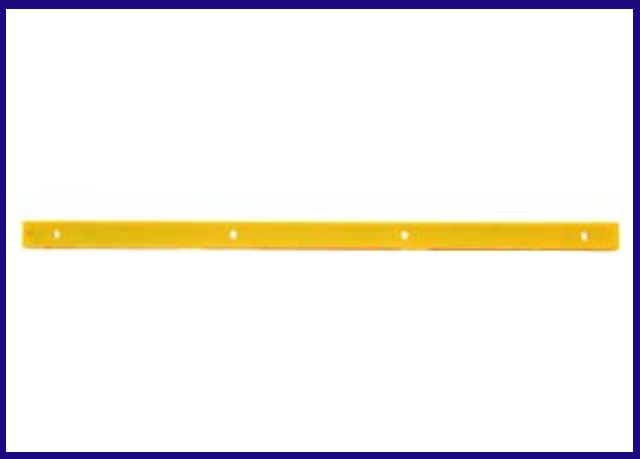
Screen bolts, tensioners and fasteners - Look to Compass Wire when you need replacement bolts, nuts, and washers for your clamp rails. We stock a wide range of sizes and styles, in various steel grades.

Channel rubber – Avoid premature screen wear by checking your channel rubber frequently. We stock a variety of channel rubber for same day shipment, featuring flat-top/open channel design. Sizes include ¼", 3/8", ½" , and ¾" (all, minimum 50 feet).

Other wear parts – We supply all of your related wear parts. From pipe patches to trommel brushes, classifier shoes to tail pulley repair kits, we have it all!

Bolts, nuts, pins, wedges

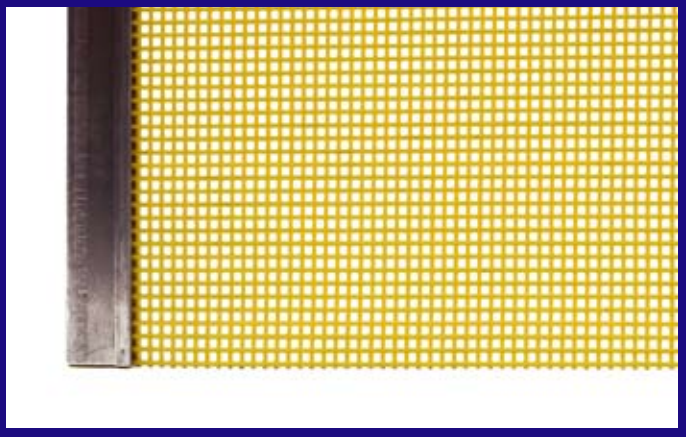
Deister donuts



Material diverter

All polyurethane parts

Classifier Shoes



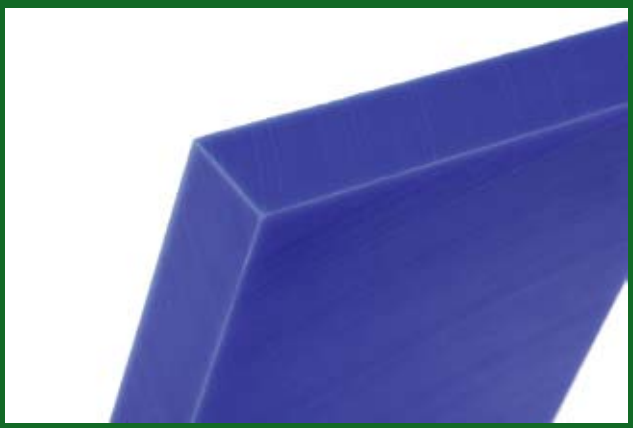
Sharkskin panels

Skirtboard rubber

Spray bar deflector

Trommel brushes

T-scale rubber



UHMV panels

Don’t see what you need?
Give us a call!

800-257-5241

Meet the Team

Compass Wire Cloth's legendary sales and customer service team is ready to answer your questions or take your order.

Give us a call at **800-257-5241**, or email us at **sales@compasswire.com**

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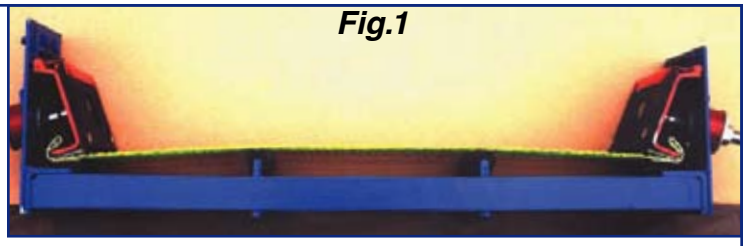
Guidelines for Ordering Wire Cloth

1. Specify opening or mesh count, wire diameter and alloy required.
2. Give the overall (finished) dimensions of material, and the quantity required.
4. For vibrating screens, supply this information:
   A. Size and make of machine (if known)
   B. Exact finished dimensions of section. Measure from either outside to outside of hooks, or inside to inside of hooks. ***(See fig. 1)*** "OCW" can be determined by measuring the dimensions of the clear clamping width between the vibrator side plates and subtracting 1 to 1-$^{1}/_{2}$ inches.
   C. If a slotted opening is required, the direction of the slot should be specified in relation to the hook strips. Number of shoot wires should also be specified (most common is single shoot and triple shoot). Slots "RA" or "Against the flow" indicate the slots are right angle to the hook strips. ***(See fig. 2)*** Slots "SP" or "With the flow" indicate the slots are parallel to the hook strips. ***(See fig. 3)*** (Note : End tension screens will change the slot direction terminology.)
   D. If two or more screens are used for the length, advise if a lap is desired. Give the overall length first, then specify the length of the hook and amount of screen overlap needed. ***(See fig. 4)***
   E. Specify the type of metal to make the hook strips, and advise any special conditions such as : end tension, welded hooks, holes punched, one hook up, one hook down, center crown, rolling, brazing.

Fig.1



Measure clear width between the side plates and subtract 1" to 1 $^{1}/_{2}$". This will give the "OCW" for screen required.

("ICW" is measured from inside of hooks.)

Side Tension Screen

Slots parallel to 47"

Also referred to as:

Slots RA
Slots right angle to flow
Slots against flow
Slots right angle to hooks

Note:
End tension screens will change slot direction terminology

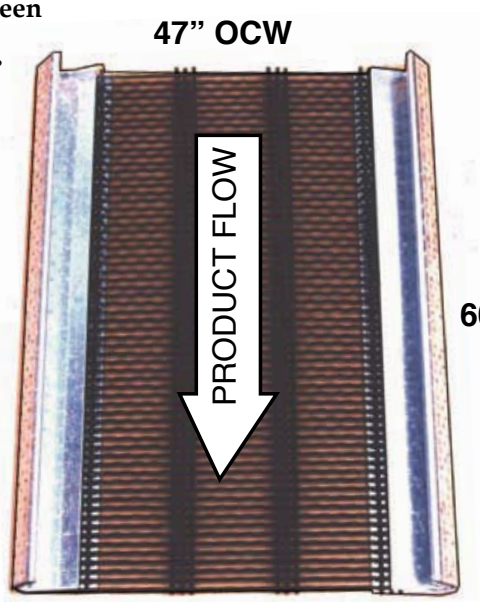


Fig. 2

Side Tension Screen

Slots parallel to 60"

Also referred to as:

Slots SP
Slots parallel to flow
Slots with flow
Slots parallel to hooks

Note:
End tension screens will change slot direction terminology

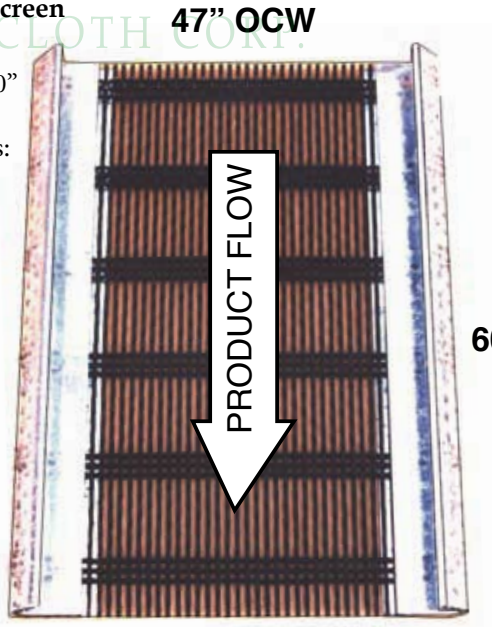


Fig. 3

COMPASS™ WIRE CLOTH CORP.