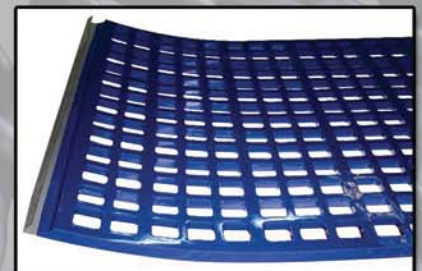
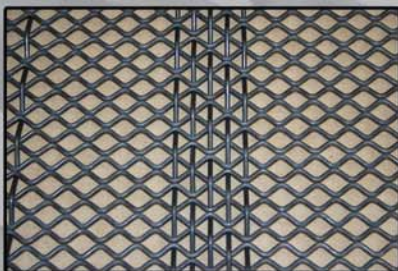




## screening solutions catalogue

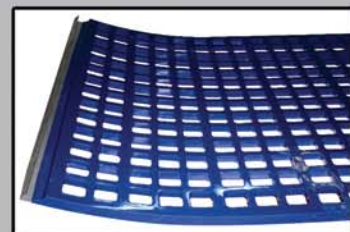
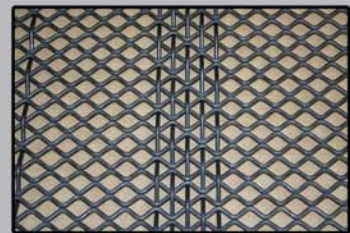


wearco screen solutions  
woven wire screen cloths  
wire & polyurethane agribes  
rubber screen cloths  
polyurethane screen cloths & panels  
fine mesh screening  
harp or piano wire screens  
screen accessories

**wearco** nsw.

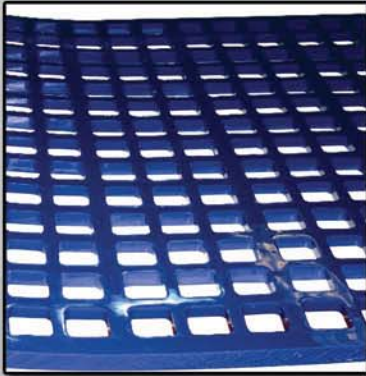
## screen solutions catalogue

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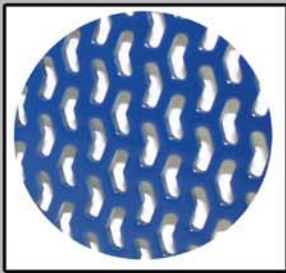
## wearco screens

Wearco Screens offer the complete range of screening media that will meet your screening needs both now and in the future.



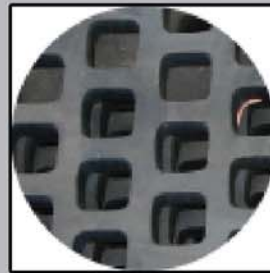
WEARCO NSW represents a number of leading international screen manufactures. Together, WEARCO and these manufactures produce a screening material which best suit your specific screening requirements

As the a premier Supplier of stainless steel, polyurethane, rubber and woven wire screening systems, Wearco offers one most comprehensive and innovative range of screen surface media in the industry.



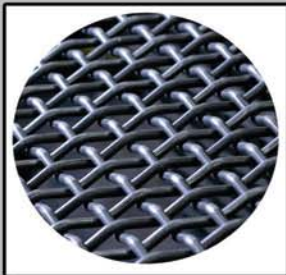
### Polyurethane

- Pipo Two® modular screen system
- Pipo Three® modular system
- Continuous Slot
- Tension mat
- Trommel Screen panels
- Custom designed panels
- Koko® modular systems



### Rubber

- Punched rubber tension mats
- Moulded modular screening systems



### Woven Wire

- High Carbon
- Stainless Steel
- Exotic Materials



### Combination and specialty products

- Poly-Vibe®
- TIRO®
- Pipo® Perf
- Pipo Vee-Wire



### Perforated plate

- Available in round, square, hexagon, slotted slots and rectangular aperture.
- Plate thickness from: 1.2mm - 6.0mm
- Available in Pipo Two modular, Bolt-In panels and tensionable screens forms.

## woven wire screen cloths

Wearco stocks a wide range of woven wire screen cloths suitable for the quarry

A screen cloth is a generic term for the most versatile and common of all screening mediums, within the quarry industry. Subject to individual applications, woven wire screens are supplied in standard aperture sizes from 0.063mm to 125mm with various wire sizes and weaving patterns.

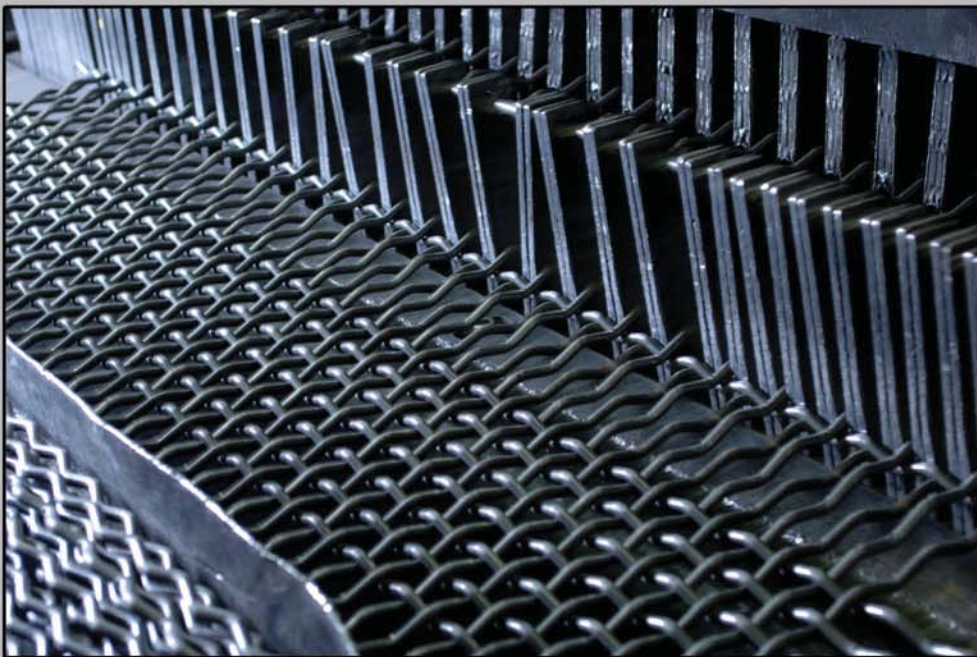
Typical aperture / weave combinations include square, long slot, double chute and triple chute, agavibe/ polyvibe and piano wire screens. Broken down into two distinct groups largely due to the method of manufacture.

### 1. FINE MESH SCREENS

Manufactured in 304ss or 316ss

### 2. WOVEN WIRE SCREENS

Manufactured in Hi-Tensile wire or 304ss or 316ss



Remember to tension your screen cloths to drum head tightness and keep them at this degree of tightness for maximum performance and long life.

# woven wire screen cloths

to order, you will need the following information



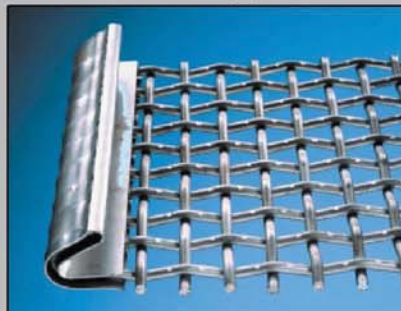
Follow these easy steps below to specify when ordering your woven wire cloths:

1. QUANTITY	<input type="text"/>	4. WIRE DIAMETER	<input type="text"/> mm
2. DIMENSIONS	<input type="text"/> mm	5. METAL TYPE	<input type="checkbox"/>
- over hooks measurement	<input type="text"/> mm	- High Tensile	<input type="checkbox"/>
- overall length	<input type="text"/> mm	- Stainless Steel	<input type="checkbox"/>
- length of hooks (if overlap)	<input type="text"/> mm		
3. APERTURE		TYPE OF HOOKS - below	
- Whether Square <input type="checkbox"/> or Rectangular <input type="checkbox"/>		a <input type="checkbox"/> b <input type="checkbox"/> c <input type="checkbox"/>	
- Indicate preference for particular type of crimp <input type="text"/>		d <input type="checkbox"/> e <input type="checkbox"/> f <input type="checkbox"/>	
- If rectangular aperture	<input type="text"/> mm		
- Width	<input type="text"/> mm		
- Length	<input type="text"/> mm		

## hook types



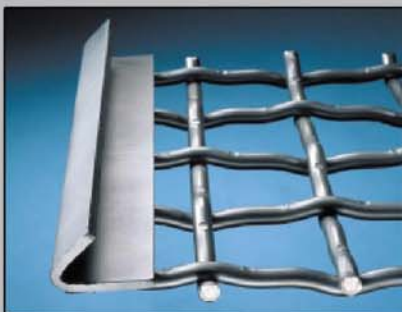
a Standard 45° Hooks



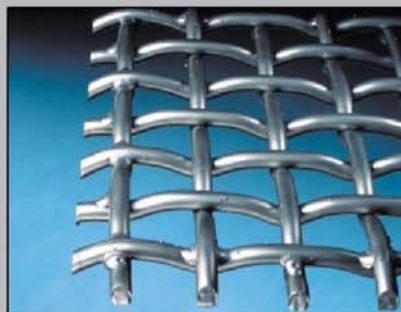
b Sheeved 45° Hooks



d Welded 180° Hooks



e Welded 45° Hooks



f Welded Plain Ends



g Sheeved 180° Hooks

## wire & polyurethane agivibes

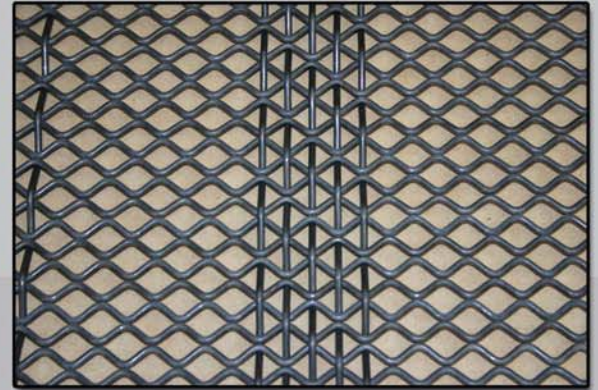
Agavibe screens are the 'traditional' wire vibrate screens, highly effective with a proven performance history.

Staple product for the quarrying industry.

Excellent open area.

Apertures from 2.5 to 32 mm available, in varying wire gauges.

Agavibe screens can be manufactured using either round or shaped wires; these wires are woven forming a wave pattern. Transverse wire clusters hold the wires together



polyvibe: reduces blinding & plugging of the screen surface

The most persistent problem in vibratory screening has been blinding and plugging of the screen surfaces. To reduce or eliminate this, Wearco Screens has developed screen panels using non-woven wires bound together by polyurethane strips. These strips are located above the bucker bars, creating a flat surface in which the wires can move independently. The flat, more active screen surface reduces build up and increases throughput, virtually eliminating the need to shut down for screen cleaning. The lighter weight screens with polyurethane edge strips and no sharp edges are also easier and safer to handle and faster to install.

Actual field performance comparisons show that Poly-Vibe screens, on a wet day, nearly equal dry day production of conventional woven wire screens. Poly-Vibe screens are manufactured with tension hooks and are extensively used in the sand and gravel industry.



# rubber screen cloths

Wearco's Rubber Screening Systems compliments woven wire and polyurethane screens and can be used in tension mat, modular or special heavy duty steel backed formats.

The fully molded modular panels are also available with the steel frame backing.



## Benefits of rubber mats:

- Tough
- Resistance to cutting and gouging
- Ability to perform in extreme hot and cold conditions
- Resistance to impact
- Resistance to abrasion
- Low noise factor



Follow these easy steps below to specify when ordering your woven wire cloths:

1. QUANTITY	<input type="text"/>
2. DIMENSIONS	
- over hooks measurement	<input type="text"/> mm
- overall length	<input type="text"/> mm
- Length of Dust Flap (if required)	<input type="text"/> mm
3. APERTURE	
- Whether Square <input type="checkbox"/> or Rectangular <input type="checkbox"/>	
- If rectangular aperture	
- Width	<input type="text"/> mm
- Length	<input type="text"/> mm
- With Flow or Across Flow	<input type="text"/> mm
4. THICKNESS OF MAT	<input type="text"/> mm

# polyurethane screen cloths & panels

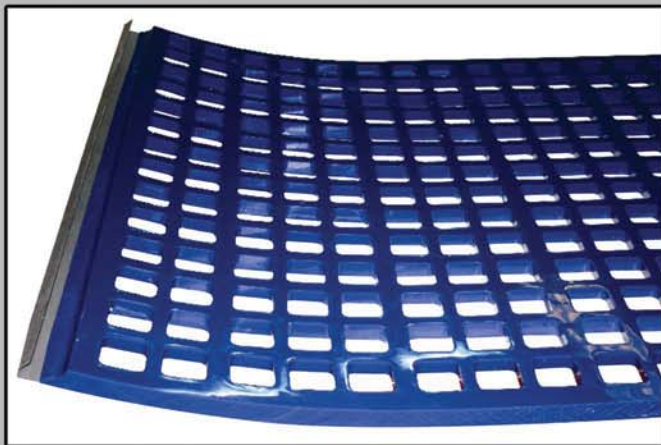
polyurethane is recognised as one of the best and the most versatile materials for screen surfaces

The use of polyurethane tensionable mats as a screening surface has significant advantages provided the application is appraised correctly:

Polyurethane tension mats have a long life when screening materials such as quartz; silicon sand, gravel etc.

Polyurethane exhibits the characteristic elasticity of rubber.

The distinct advantage polyurethane mats have over rubber is the accuracy of the cast apertures.



Polyurethane tension mats, allow for more precise screening compared to the punched apertures in rubber.

Wearco Screens' advanced design through sustained research, development and quality of manufacture has allowed for the correct relief angle to be designed into each application, ensuring optimum performance.

As a result 'pegging' and 'binding' is minimised, reducing the frequency of scheduled stoppages caused by screening surface failure.



WEARCO also has the Pipo System available to our clients that have Fine Particle Screening requirements



## fine mesh screening

WEARCO supplies a complete range of fine mesh in Stainless Steel and High Tensile Wire



### specifications for ordering fine mesh

When selecting a mesh, the mesh count is the most important thing to keep in mind. The mesh count is the open area between wires and can be expressed as a whole number, a fraction or as two numbers.

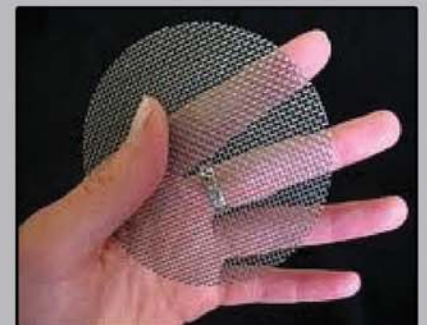
A whole number and fraction indicate the distance between the centre's of both horizontal and vertical parallel wires.

Two numbers such as 30 x 30 indicate the actual number of openings per linear inch, both vertically and horizontally.

To measure the size of the wire a MICROMETER should be used; a slight error in the diameter of wire would alter the aperture considerably.

Key points to consider when specifying wire mesh:

1. The number of apertures per lineal 25.4mm.
2. The clear space between the wires forming the mesh.



## harp or piano wire screens

Wearco Supply a range of the Harp Wire Screens to suit your application.

With an aperture range of 1mm to 16mm with wire sizes from 0.7mm to 2mm.

Wire is available in High Tensile or Stainless Steel.

Hooks can be Galvanized or Stainless Steel.

Your choice of Metal or Plastic Spacers



## plasma cut screens and perforated plates



Wearco supply a wide range of steel screen plates. These plates are normally QT Plates or Hardface Wearplate.

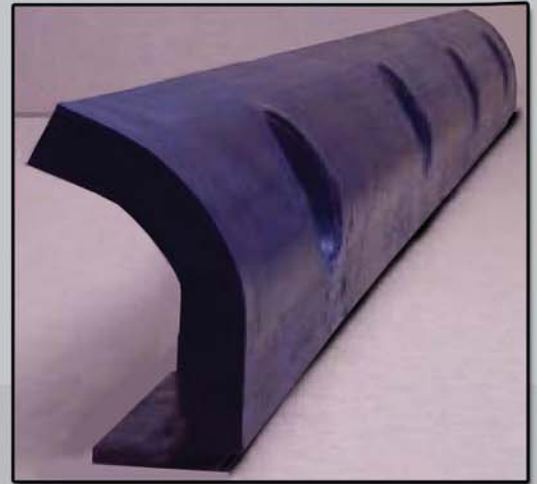
Wearco can supply the screens in a variety of thicknesses and aperture shapes and sizes.

The Screen Plates can be fitted with Grouser Bar and or Domite Bars to protect high wear areas and increase the life of the screen significantly.

Wearco can also supply a range of decorative or industrial Plasma Cut or Perforated Plates in almost any material.

The only limitation to design is your imagination

## screen accessories



Wearco supports its Screening Business by supply a full range of Screen Accessories.

These accessories include:

Hook or Side Tension Bars, which can be supplied Rubber or Polyurethane Coated or Plain finish.

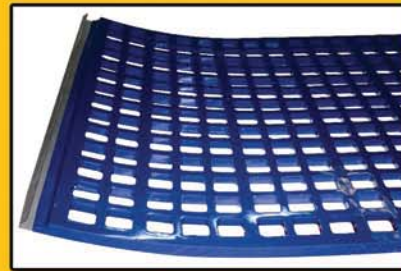
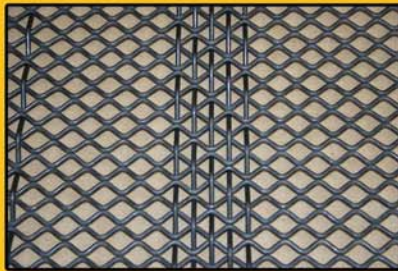
Capping Rubbers

Centre Hold Down Bars in either steel, Rubber, or Polyurethane

Spray Nozzles

Side Bolts and Tension Springs





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proven performance in mining consumables

unit 4, 11 waverley drive, unanderra nsw

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