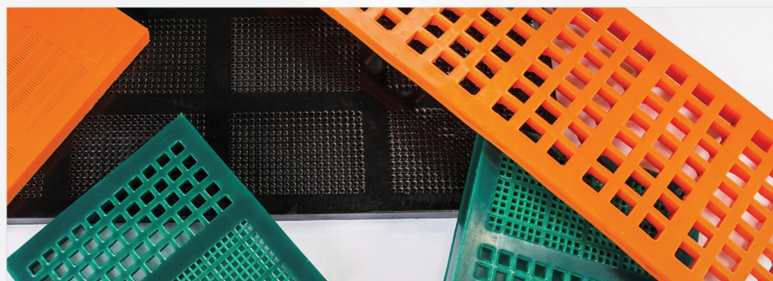
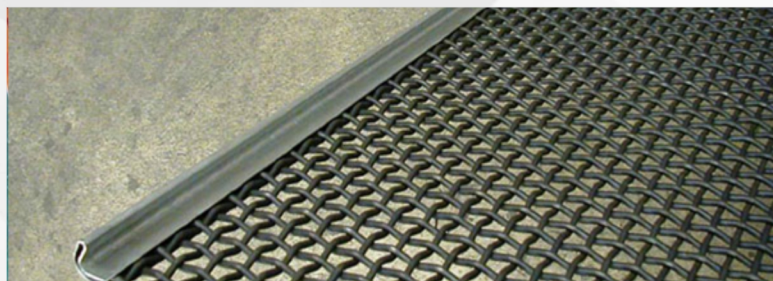


www.falconscreening.com
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FALCON SCREENS™

SCREENING MEDIA
EXPERT



ABOUT US

With an experience & expertise of almost 20 years in offering the best screening media solutions across Quarry, Aggregates, Coal washeries, Iron ore & Mineral Beneficiation plants.

Falcon Screens are always one step ahead in offering highly reliable screening media solutions & in developing technological innovations that can satisfying unlimited number of screening application needs even in the most demanding screening conditions.

Falcon Screens gets the standard for excellence through product innovation, quality manufacturing and responsive customer care.

Falcon Screens's success would not be possible without the contribution of our customers and employees who, with their skills and their passion, give voice, shape & quality to the future.



FALCON SCREENS™

WOVEN WIREMESH

Metallic screens are the most widely used screens in the aggregate and mining industries, due to their high screening area, precision and price ratio.

Precise screening capability due to their crimping style and are manufactured using the best steel alloy to withstand high abrasion, tension and impact.

Manufacturing high quality meshes also requires a strong focus on the inside tension of the mesh. Falcon Screening Media has the know-how that comes with experience to ensure the appropriate tension to avoid minimum vibrations that can cause the mesh to break.

MANUFACTURED UNDER THE FOLLOWING STANDARDS :

High-Resistance Steel : UNE-EN-10270-1:2012

ISO 8458-2:2002

DIN 17223

Stainless Steel : UNE-EN-10088-3:2008

Stainless Steel Quality :

Austenitic : AISI-304 / EN-14301

AISI-316L / EN-14404

AISI-310 / EN-14845

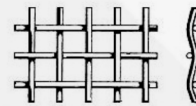
Duplex : AISI-S32001 / EN-14482

Technical requirements and testing:

ISO-14315:1997, ISO-4783-3:1981,

ISO-9044:1999, ISO-2194:1991

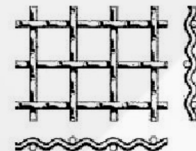
WOVEN WIRE MESH AS PER ISO 4783-3



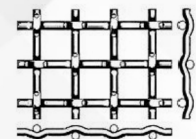
ISO 4783-3 Type A
Double crimped woven mesh



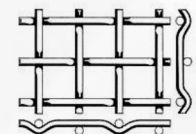
ISO 4783-3 Type B
(Single) Intermediate crimped
woven mesh



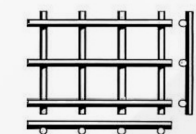
ISO 4783-3 Type C
(Double) Intermediate crimped
woven mesh



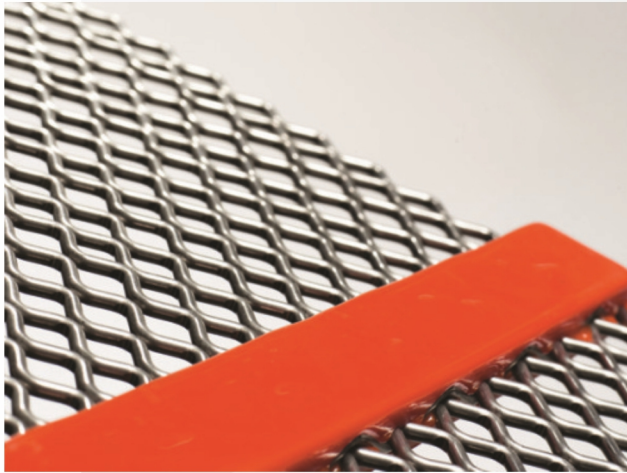
ISO 4783-3 Type D
Lock crimped woven mesh



ISO 4783-3 Type E
Flat top woven mesh

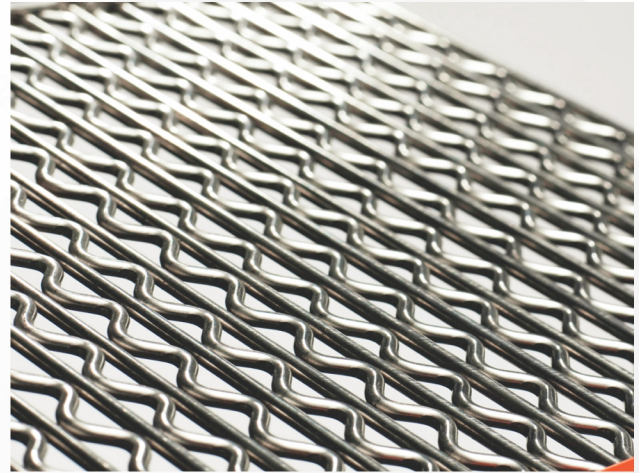


ISO 4783-3 Type F
Pressure welded mesh
(Spot welded mesh)



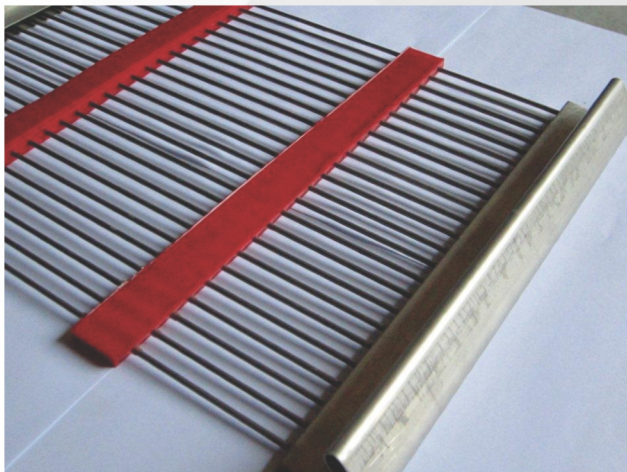
POLY RIPPLE SCREEN (ANTI CLOGGING SCREEN)

- ☛ Poly ripple screen cloth is light but durable with higher open area than woven wire.
- ☛ Very active & increases throughput when compared with conventional woven wire screen cloth.
- ☛ Reduced Pegging or blinding – increased efficiency & capacity.



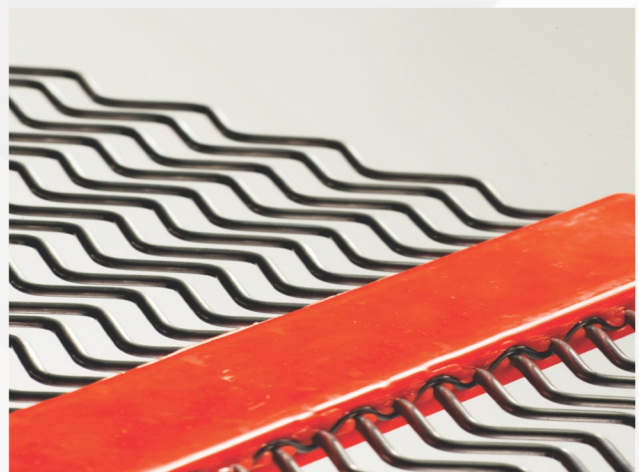
POLY VENO HARP SCREEN (ANTI CLOGGING SCREEN)

- ☛ Poly Veno harp screen cloth is light but durable with higher open area than woven wire.
- ☛ Known to last up to 3 times longer than other standard screen cloth.
- ☛ Overcome the wear problem caused by using the finer aperture screen cloth due to high T.P.H. or the lump size.
- ☛ Reduced Pegging or blinding – increased efficiency & capacity.



POLY PIANO SCREEN (ANTI CLOGGING SCREEN)

- ☛ Extremely effective in screening dry-manufactured sand. Can increase production in screening fine, sticky materials or other lightweight but difficult-to-screen materials.
- ☛ Ideal for screening RAP asphalt and other, similar aggregates, as well as for removal of super-fine material.



POLY WAVY HARP SCREEN (ANTI CLOGGING SCREEN)

- ☛ Poly Veno harp screen cloth is light but durable with higher open area than woven wire.
- ☛ Known to last up to 3 times longer than other standard screen cloth.
- ☛ Overcome the wear problem caused by using the finer aperture screen cloth due to high T.P.H. or the lump size.
- ☛ Reduced Pegging or blinding – increased efficiency & capacity



POLYURETHANE SCREEN

- ☛ Polyurethane, due to its high anti-abrasiveness and great elastic properties, is advisable for screening abrasive materials and performs at its utmost under dry or humid conditions.
- ☛ PU can be formulated in various hardnesses, formats, according to the application it is used for.

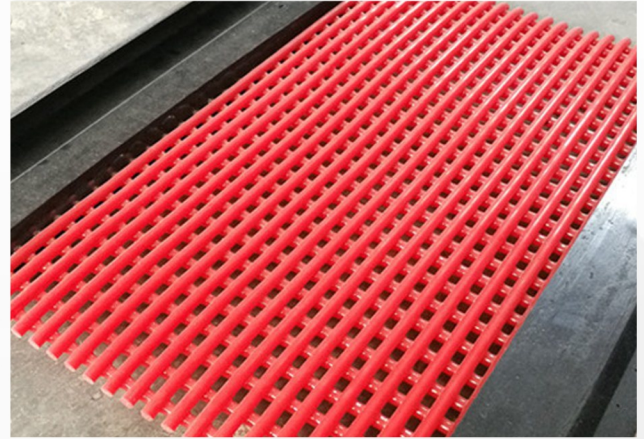
CHARACTERISTICS

- ☛ Maximum duration compared with other screening materials.
- ☛ Minimum maintenance cost.
- ☛ Easy to install
- ☛ Low obstruction (conic perforations and elasticity).



FLIP FLOP POLYURETHANE SCREEN

- ☛ These Flip Flop or Flip Flow screens are made to suit dual vibration screening machines, which agitate the material violently. This will leave the screen free blinding even with the most difficult materials. They are generally made in 70° shore polyurethane in 3-5mm thickness.



PU COATED WIREMESH

- ☛ Falcon PU coated screens are steel wire mesh coated with abrasion resistant polyurethane. These mesh improved efficiency compared to your standard wire mesh screen, with longer durability at lower maintenance costs overall.

90 Shore A (Poly Hardness)

Apertures start from 2.0 x 2.0 mm

Wire diameters start from 2.0 mm

Slotted apertures are also available

FEATURES

High open area

Improved efficiency

Flexible with secondary vibration

Wear life 3 to 5 times longer than steel wire SC

Significant noise reduction

Light Weight (25% of steel Mesh)

No modifications required to screen deck



📍 **REGISTERED ADDRESS :** 1st Floor, Opp. Hari Masjid, Old Mondha Road, Near Jaffar Gate, Aurangabad (M.S) Pin Code 431001
FACTORY : Plot No. 20, Gut No. 11 (PT), Sholapur-Dhule Highway, Village Sahajapur, Dist Aurangabad (M.S) Pin Code 431133

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