Agile SCREENING

Quarry Solutions

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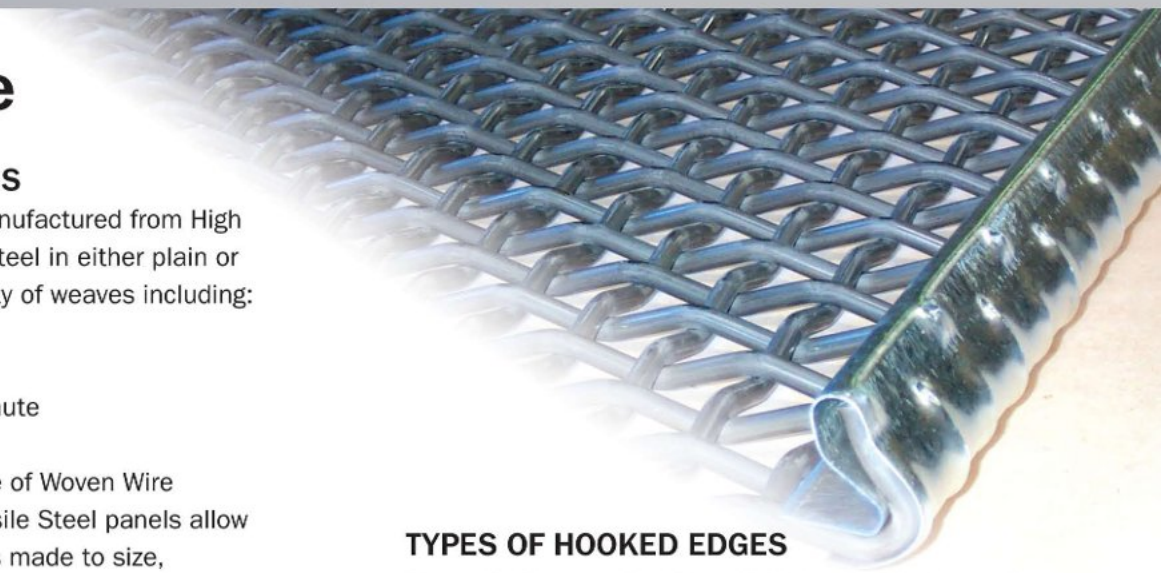
Woven Wire



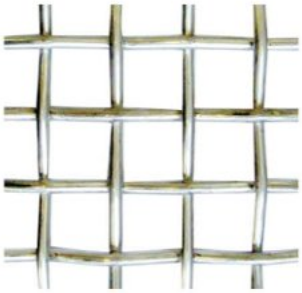
WOVEN HEAVY SCREENS

Woven heavy screens are manufactured from High Tensile Steel and Stainless Steel in either plain or intercrimp profiles, in a variety of weaves including:

- Square
- Rectangular
- Double Shute and Triple Shute

Agile Screening's stock range of Woven Wire manufactured from High Tensile Steel panels allow the supply of custom screens made to size, hooked and ready to install within days.

- High Tensile Steel
- Large % Open Area
- Fast Delivery



Square Weave

Rectangular

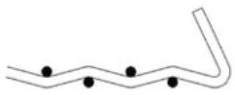
Double Shute

Triple Shute

Please refer to our Technical Data Sheets for further information

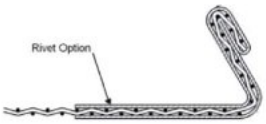
TYPES OF HOOKED EDGES

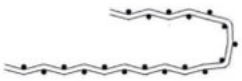
Generally the specification will determine the type of hook used. Following are some examples of standard hooked edges. If using heated screencloths please advise at time of ordering. For non-standard hook requirements please consult with your extractive screening solutions representative.



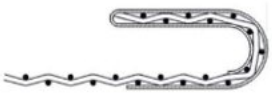
Plain Wire - Type A

Standard Sheath Metal - Type B



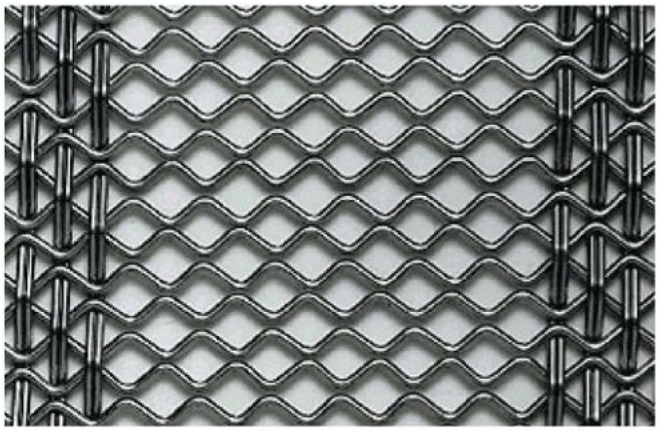


180° Parent Metal - Type D



180° - Type E

WIRE RIPPLE



Slab Stock Range

AUSTRALIA

SQUARE APERTURE SCREENCLOTH SPECIFICATIONS

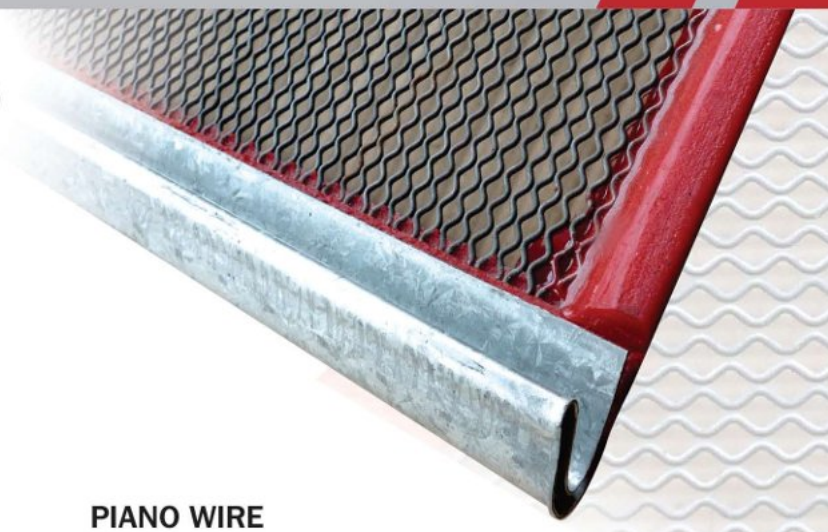
APERTURE (mm) ACTUAL	DIAMETER (mm)	OPEN AREA %	KG/ m^2
3.15	2.0	37	9.9
3.15	2.5	31	14.1
4.0	2.5	38	12.2
5.0	2.5	44	10.6
5.0	3.15	38	15.5
5.6	3.15	41	14.8
6.3	2.5	51	9.0
6.3	3.15	44	13.7
7.15	3.15	48	12.6
8.0	3.15	51	11.6
8.0	4.0	44	16.9
9.0	4.0	48	15.6
10.0	4.0	51	14.5
10.0	5.0	44	21.2
11.2	4.0	54	13.4
11.2	5.0	48	19.6
12.5	5.0	51	18.1
13.2	5.0	53	17.7
14.0	5.0	54	16.7
15.0	5.0	56	15.9
16.0	5.0	58	15.1
16.0	6.3	51	22.6
18.0	6.3	55	20.7
19.0	6.3	56	20.0
20.0	6.3	58	19.2
20.0	8.0	51	29.0
22.4	8.0	54	26.7
25.0	6.3	64	16.1
25.0	8.0	57	24.6
28.0	8.0	61	22.6
31.5	8.0	64	20.6
32.0	10.0	58	33.0
35.0	10.0	60	27.9
38.0	8.0	68	16.0
40.0	8.0	69	16.9
40.0	10.0	64	25.4
45.0	10.0	67	23.1
45.0	11.2	64	28.4
50.0	8.0	74	13.8
50.0	10.0	69	21.2
50.0	12.5	64	31.8
56.0	11.2	69	23.7
63.0	11.2	72	21.5
63.0	12.5	70	25.1
75.0	11.2	76	18.6
75.0	12.5	72	22.8
100.0	12.5	79	17.6

NEW ZEALAND

SQUARE APERTURE SCREENCLOTH SPECIFICATIONS

APERTURE (mm) ACTUAL	DIAMETER (mm)	OPEN AREA %	KG/ m^2
3.15	1.6	44	6.8
3.15	2.0	37	9.9
3.85	2.5	37	12.5
4.05	2.0	44	8.5
4.05	2.5	38	12.2
4.45	3.15	34	16.58
4.7	2.5	43	11.02
5.1	2.5	44	10.6
5.7	2.5	48	9.8
6.0	2.5	50	9.34
6.3	2.5	51	9.0
6.35	3.15	44	13.7
7.15	3.15	48	12.6
8.05	3.15	51	11.6
9.0	4.0	48	15.6
9.50	4.0	49	15.0
9.6	2.5	63	6.6
9.85	3.15	56	10.0
10.0	3.15	58	9.58
10.0	4.0	51	14.5
11.2	4.0	54	13.4
11.7	5.0	49	19.01
12.25	2.0	74	3.6
12.3	4.0	57	12.3
12.5	5.0	51	18.1
12.95	2.5	70	5.1
13.0	4.0	58	11.95
13.15	3.15	65	7.7
13.4	5.0	53	17.26
13.9	5.0	54	16.7
14.45	2.5	73	4.7
15.15	5.0	56	15.7
15.55	4.0	63	10.4
16.0	3.15	70	6.58
16.0	6.3	51	22.6
16.05	5.0	58	15.1
17.15	5.0	60	14.3
18.05	5.0	61	13.8
18.5	5.6	59	16.53
19.0	5.0	63	13.3
19.85	6.3	58	19.2
20.0	5.6	61	15.56
21.4	5.6	63	14.75
21.7	6.3	60	18.0
22.4	5.0	67	11.6
22.7	6.3	61	17.6
24.0	6.3	63	16.64
25.0	5.6	67	13.02
25.05	6.3	64	16.08
25.9	7.1	62	19.4
28.5	8.0	61	22.27
30.7	6.3	69	13.62
31.5	8.0	63	20.58
35.0	8 .0	66	18.9
37.5	8.0	68	17.86
39.0	10.0	63	25.92
4.00	10.0	64	25.4
40.2	8.0	69	16.86
43.11	8.0	71	15.9
49.35	8.0	74	14.17
50.0	10.0	69	21.17
54.0	8.0	76	13.11
57.25	8.0	77	12.46
63.2	10.0	74	17.35
65.2	8.0	79	11.1
81.5	10.0	79	13.88

Self Cleaning Screens



POLY RIPPLE SCREENS

Agile Screening'srange of ripple style screens provide a proven solution against pegging and blinding.

- Large % open area
- Reduced pegging and blinding

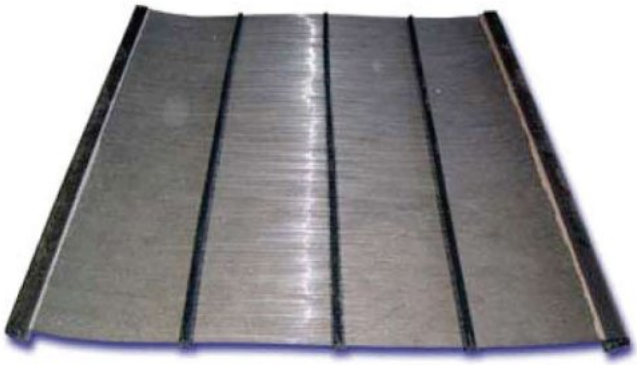
POLY CROSS TENSION SCREENS

Provide high wear and corrosion resistance with a variety of moulded tapered apertures.

- Wet and Sticky applications
- Abrasion resistant

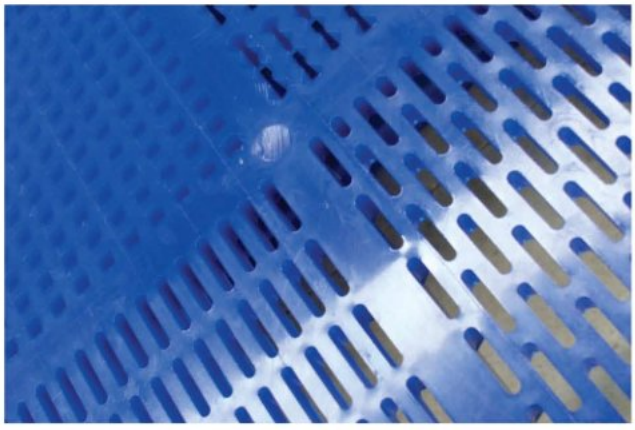
PIANO WIRE

Piano Wire Screen is made up of single strands of straight highly tensioned wire. This produces a long, uninterrupted slot between the stringers.



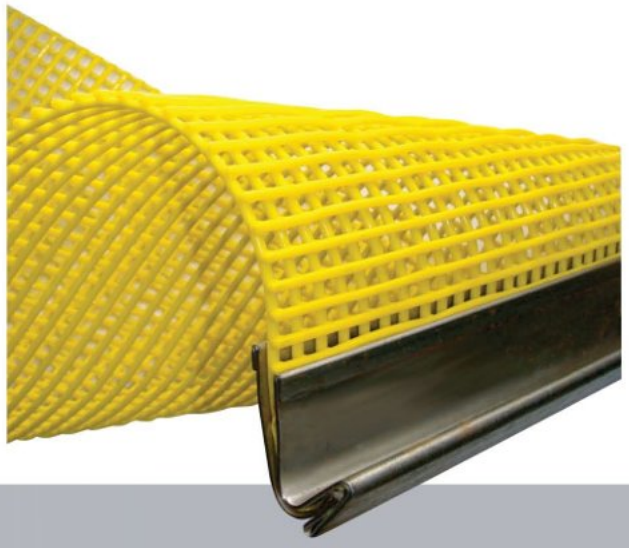
POLY MODULAR

Poly Modular screen panels offer the benefits of polyurethane wear resistance and accurate screening in a light weight system designed to reduce maintenance and downtime.



TUFFLEX

Polyurethane thermo plastic coated mesh, reinforced with steel cable and rope.
Offers long life and increased wear resistance, a light but strong product.



Agile SCREENING

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Rubber

RUBBER CROSS TENSION SCREENS

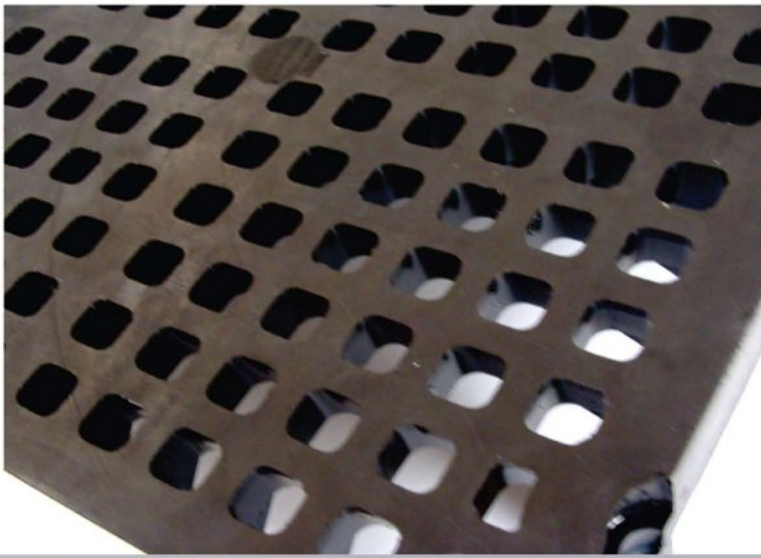
Agile Screening rubber tension screens are manufactured using 2 layers of premium quality wear resistant rubber with tyre cord reinforcement between the layers.

- Superior Impact and Abrasion Resistance
- Reduced Noise
- Flexibility to Reduce Pegging and Blinding

MOULDED RUBBER SCREENS

Moulded Rubber Screens are heavy duty panels for high impact/load conditions.

- Heavy Impact
- Abrasion Resistant



Quarry Solutions

Accessories

Agile Screening has a large range of accessories available.

POLY SPRAY NOZZLES

- 7 sizes to choose from

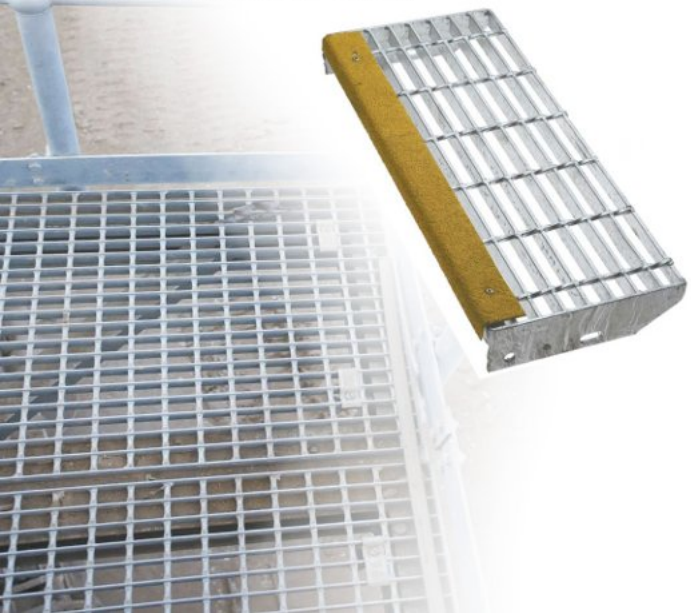
WEDGETYPE CLAMP BOLTS

A wedge system used to tension the clamping bars securing the screencloth replaces the bolts and nuts mostly in use now.

With a wedge system, the bottom deck screen cloth can be replaced in about ten minutes instead of two hours.

GRATING AND HANDRAIL

Agile Screenings Gridforge Grating and Tubular Handrail systems provide a suitable solution for plant and screen access, provided in stock panels or fabricated to size.



CAPPING RUBBER

Agile Screening recommend the use of capping rubber to maximize screencloth life. It is important that worn capping rubbers are replaced immediately.

* Capping rubber can also be supplied in polyurethane upon request.

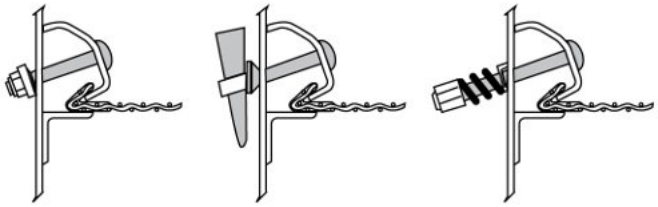
ROUND TOP SHORT LEG

ROUND TOP LONG LEG

FLAT TOP LONG LEG

SIDE CLAMP HARDWARE

Agile Screening supplies side clamps and all side clamp hardware.



Bolt Type Clamp

Wedge Type Clamp Bolt (straight or curved wedge)

Spring Type Clamp Bolt

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