



By doing business with

Atlas Steel - P.n.a
you're supporting PNG!

71 Expanded Metals & Steel Gratings

At Atlas Steel PNG, we stock and supply high-quality expanded metal mesh suitable for a wide range of applications, including construction, mining, security, architectural features, industrial screening, and ventilation.

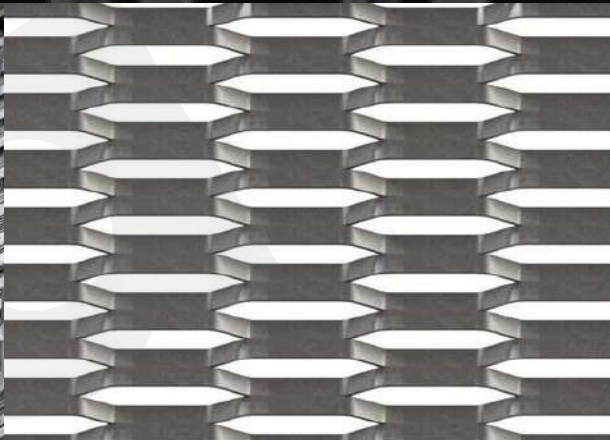
Each sheet is manufactured to strict performance standards, delivering exceptional rigidity without unnecessary weight.

We also stock and supply Steel Grating with a serrated surface for enhanced strength and slip resistance.

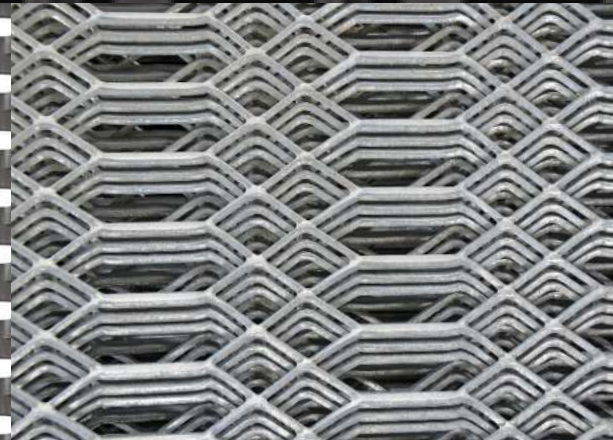
Our mesh range includes: Grid Mesh, Louvre Mesh, Gothic Mesh, Ornamesh, and Steel Grating – Serrated Surface.



Expanded Mesh



Louvre Mesh



Gothic Mesh

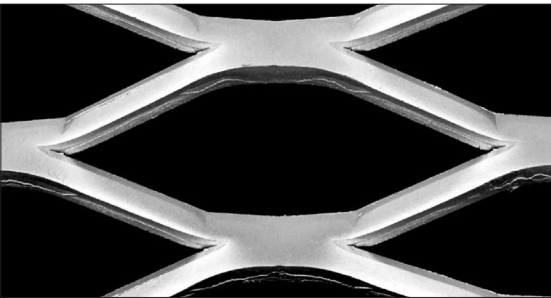
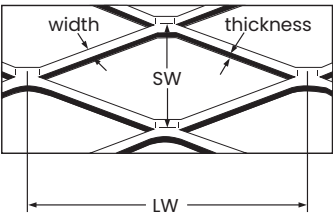


Steel Grating-Serrated Surface

Expanded Metals

Availabe as Hot Dipped Galvanised after punching.

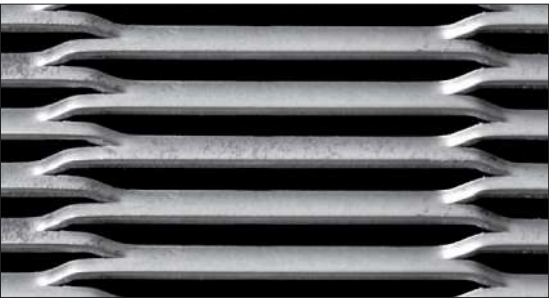
LW donates long way of mesh dimnsion.
SW donates short way of mesh dimension.



GRIDMESH/WALKWAY

Heavy duty mesh from the other Atlas Steel PNG expanded metal range.

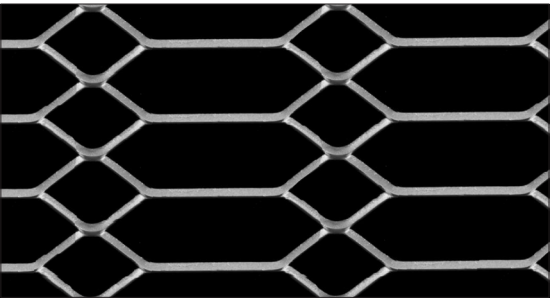
Applications:
Heavy duty walkways and stair treads, gratings, ramps,security screens, flooring, work platforms and abattoir floors.



LOUVRE MESH

Primarily a sun screen mesh. Because of its unique hooded mesh formation it forms an effective shield from the sun's ray, yet it permits free of air.

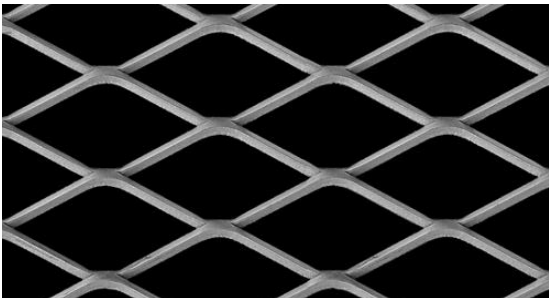
Applications:
Used for sun screening.



GOTHIC MESH

An ornamental expanded metal with a high percentage of open area, giving the appearance of delicate wrought iron.

Applications:
Designed for internal and external balustrades, grills and dividers, window and door protectors, security partitions, doors and stair railings.



GALVANISED C916 LG/ORNAME MESH

Extensively used for machinery guards, shelving pallets and racking.

Applications:
It admits light and air and permits easy vision, yet it forms an effective barrier against entry and helps prevent accidents.

GR series – open mesh for general use.
GM series – for heavy duty use and applications where a small mesh opening is desirable.

GRIDMESH/WALKWAY				
CODE No.	COMMON REFERENCE	STANDARD SHEET SIZES (mm)	UNIT WEIGHT	UOM
23-80-005	GR50110	2300 SWM x 750 LWM	32.0	Sheet
23-80-010		2300 SWM x 900 LWM	39.0	Sheet
23-80-015		2300 SWM x 1200 LWM	50.0	Sheet
23-80-020	GM50075	2000 SWM x 600 LWM	26.0	Sheet
23-80-025		2000 SWM x 700 LWM	33.0	Sheet
23-80-030		2000 SWM x 1200 LWM	44.0	Sheet
23-80-031		2300 SWM x 900 LWM	52.0	Sheet

LOUVRE MESH				
CODE No.	COMMON REFERENCE	STANDARD SHEET SIZES (mm)	UNIT WEIGHT	UOM
23-80-035	L0848	2400 SWM x 1200 LWM	5.0	Sheet

GOTHIC MESH				
CODE No.	COMMON REFERENCE	STANDARD SHEET SIZES (mm)	UNIT WEIGHT	UOM
23-80-040	BN3032	2400 SW x 900 LW	12.0	Sheet
23-80-045		2400 SW x 1200 LW	16.0	Sheet
23-80-046		2400 SW x 1200 LW	14.5	Sheet
23-80-047		2400 SW x 900 LW	12.9	Sheet
23-80-048		2400 x 1200 Other Pattern	14.5	Sheet
23-80-049		2400 x 900 Other Pattern	12.9	Sheet
23-80-050	GB30320	2400 x 900	8.0	Sheet
23-80-051		2400 x 900 Other Pattern	8.0	Sheet
23-80-054	GB3032	2400 x 1200 Other Pattern	11.0	Sheet
23-80-055		2400 x 1200	11.0	Sheet

GALVANISED C916 LG / ORNAME MESH				
CODE No.	COMMON REFERENCE	STANDARD SHEET SIZES (mm)	UNIT WEIGHT	UOM
23-80-059		2400SWM x 1200LWM	15.84	Sheet
23-80-060		3000SWM x 1200LWM	15.84	Sheet

Continue Expanded Metals..

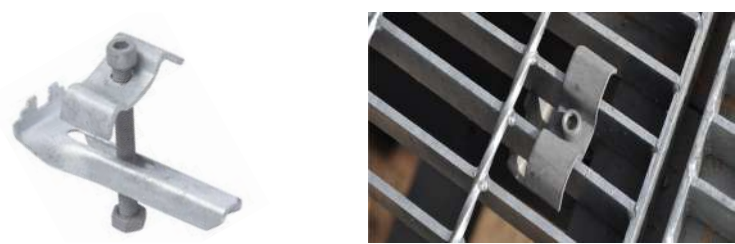
Note: Macquarie Mesh available only on indent order.

MACQUARIE MESH				
CODE No.	COMMON REFERENCE	STANDARD SHEET SIZES (mm)	UNIT WEIGHT	UOM
23-80-056	MAC3032	2400SW x1200LW	5.00	Sheet

Expanded Metal Accessories

A galvanised steel fastener clamp set is available for GM & GR series GRIDMESH.

The Clamp consists of top and bottom plate and bolt.



CODE No.	DESCRIPTION	UNIT WEIGHT	UOM
23-80-000	Grid Mesh Clips	0.10	Each

Steel Grating Serrated Surface

Atlas Steel-PNG steel grating is a long length, roll formed, interlocking system suitable for numerous underfoot application.

Applications: Walkways, catwalks, platforms, ramps, decking and for rack shelving.



Steel Grating Serrated Surface

Steel Catwalks

Walkways

PATTERN	LOAD BAR PITCH	CROSS ROD PITCH
A	30mm	100mm
B	30mm	50mm
C	40mm	100mm
D	40mm	50mm
F	60mm	50mm

- ✓ A is for Grating with Load Bar Pitch 30mm and Cross Rod Pitch 100mm.
- ✓ C is for Grating with Load Bar Pitch 40mm and Cross Rod Pitch 100mm.

Figure:1. Pattern A

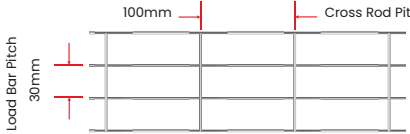
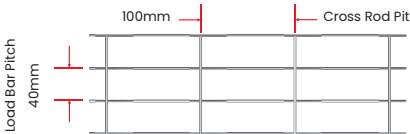


Figure:2. Pattern C



STEEL GRATING SERRATED SURFACE				
CODE No.	COMMON REFERENCE	STANDARD SHEET SIZES (mm)	UNIT WEIGHT	UOM
23-90-030	A255 MSG (FA-255/30/100 - Serrated Surface)	100mm x 5800mm	227.00	Sheet
23-90-040	C255 MSG (FA-255/40/100 - Serrated Surface)	100mm x 5800mm	177.60	Sheet