

Stainless Steel ARCHITECTURAL MESH

Ballustrade / Screening
STOCK GUIDE

You have made 'The Lasting Decision' and now it is time to evaluate 'The Lasting Look'.

Architectural Woven Mesh:

If the mesh is being used externally for aesthetic purposes, to minimise tea staining please evaluate if the mesh is to be pickled, passivated and electroplished.

Design & Install Considerations:

Practical information for your consideration.

Cleaning, Care & Maintenance:

Regular cleaning is recommended to prevent the build-up of contaminants such as dirt and salt.

Technical Information to assist with selection & specifying

Technical Data Sheets:

Our technical datasheets are an incredibly powerful tool and available on sswm.com.au

Samples:

Please contact sales@sswm.com.au to request samples of our Architectural Mesh range to determine which mesh best meets your requirements.

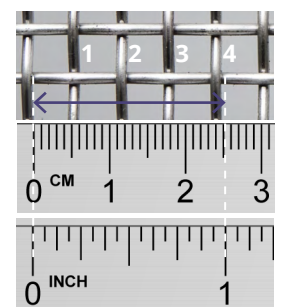
How to Identify Woven Mesh:

The mesh & wire diameter are necessary to define the mesh. All other parameters can be calculated from these.

There are 4 stainless steel wires per inch. The mesh is 4 mesh by 1.60mm wire diameter.

Ruler '0' is lined up along the inside wire

The naked eye can count the wires per inch of meshes up to about 10. It is difficult to count meshes above this.



Glossary Woven Mesh:

Mesh - number of openings per linear inch

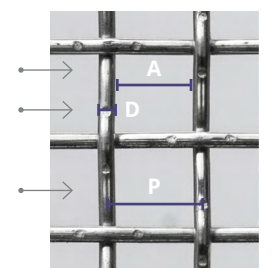
SWG - standard wire gauge

Aperture - the distance between two adjacent wires

Diameter - the thickness of the wire before processing

Pitch - the centre to centre distance between two adjacent wires (=aperture + wire diameter)

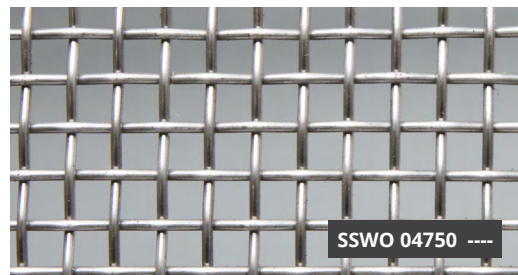
% Open Area - the percentage of all the apertures in the total screening surface



This document is to scale when printed to A3 with no scaling applied. Please use ruler above to check your scale. Images are provided as a guide only. * Pre black powder coat finish

May 2022

Archi Mesh 4.75 mm (4/16)



Aperture	4.75 mm	Rolls: 30 m
Diameter	1.60 mm	
Finish	Mill	
Weave Type	Plain	
Kg/m ²	5.25 Kg/m ²	Sheets: 2 x 1.245 m
% Open	56 % Approx	
Grade	304 / 316	

Archi Mesh 6.47 mm (3/14)



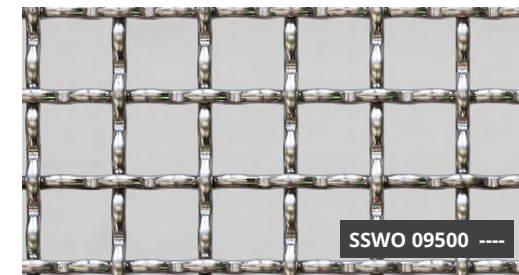
Aperture	6.47 mm	Rolls: 30 m
Diameter	2.00 mm	
Finish	Mill	
Weave Type	Lock Crimp	
Kg/m ²	6.15 Kg/m ²	Sheets: 2 x 1.245 m
% Open	58 % Approx	
Grade	304	

Archi Mesh 6.87 mm (3/16)



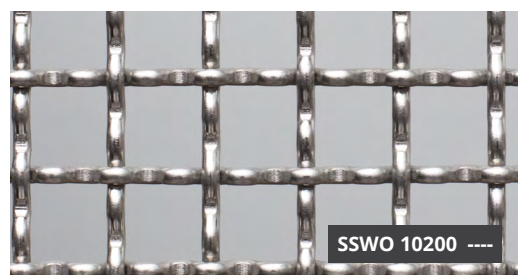
Aperture	6.87 mm	Rolls: 30 m
Diameter	1.60 mm	
Finish	Mill	
Weave Type	Lock Crimp	
Kg/m ²	3.94 Kg/m ²	Sheets: 2 x 1.245 m
% Open	66 % Approx	
Grade	304 / 316	

Archi Mesh 9.5mm mm (2.2/14)



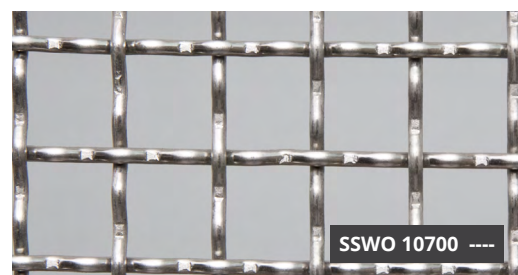
Aperture	9.50 mm	Rolls: 30 m
Diameter	2.00 mm	
Finish	Mill	
Weave Type	Inter Crimp	
Kg/m ²	4.51 Kg/m ²	Sheets: 2 x 1.245 m
% Open	68% Approx	
Grade	304 / 316	

Archi Mesh 10.2 mm (2/12)



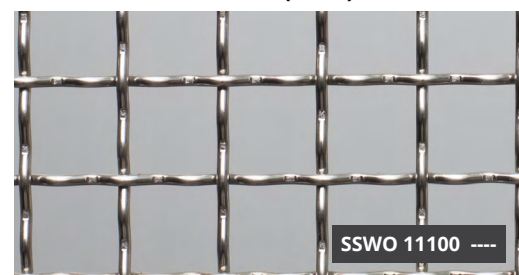
Aperture	10.2 mm	Rolls: 30 m
Diameter	2.50 mm	
Finish	Mill	
Weave Type	Lock Crimp	
Kg/m ²	6.41 Kg/m ²	Sheets: 2 x 1.245 m
% Open	65 % Approx	
Grade	316	

Archi Mesh 10.7 mm (2/14)



Aperture	10.7mm	Rolls: 30 m
Diameter	2.00 mm	
Finish	Mill	
Weave Type	Inter Crimp	
Kg/m ²	4.10 Kg/m ²	Sheets: 2 x 1.245 m
% Open	71 % Approx	
Grade	304 / 316	

Archi Mesh 11.1 mm (2/16)



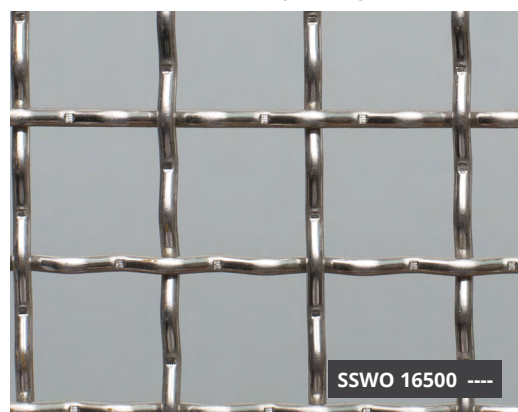
Aperture	11.1 mm	Rolls: 30 m
Diameter	1.60 mm	
Finish	Mill	
Weave Type	Inter Crimp	
Kg/m ²	2.63 Kg/m ²	Sheets: 2 x 1.245 m
% Open	76 % Approx	
Grade	304 / 316	

Archi Mesh 12.88 mm (1.6/10)



Aperture	12.88 mm	Rolls: 30 m
Diameter	3.00 mm	
Finish	Mill	
Weave Type	Lock Crimp	
Kg/m ²	7.39 Kg/m ²	Sheets: 2 x 1.245 m
% Open	66 % Approx	
Grade	316	

Archi Mesh 16.5 mm (3/4/12)



Aperture	16.5 mm	Rolls: 30 m
Diameter	2.50 mm	
Finish	Mill	
Weave Type	Inter Crimp	
Kg/m ²	4.29 Kg/m ²	Sheets: 2 x 1.245 m
% Open	75 % Approx	
Grade	316	

Archi Mesh 19 mm (1.18/12)



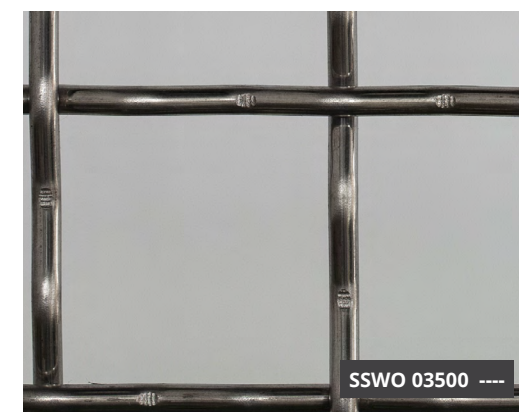
Aperture	19 mm	Rolls: 30 m
Diameter	2.50 mm	
Finish	Mill	
Weave Type	Inter Crimp	
Kg/m ²	3.82 Kg/m ²	
% Open	78 % Approx	
Grade	316	

Archi Mesh 22.25 mm (1/10)



Aperture	22.25 mm	Rolls: 30 m
Diameter	3.15 mm	
Finish	Mill	
Weave Type	Inter Crimp	
Kg/m ²	5.09 Kg/m ²	Sheets: 2 x 1.245 m
% Open	77 % Approx	
Grade	304 / 316	

Archi Mesh 35.00 mm



Aperture	35 mm	Rolls: 30 m
Diameter	4.00 mm	
Finish	Mill	
Weave Type	Inter Crimp	
Kg/m ²	5.2 Kg/m ²	
% Open	NA	
Grade		