

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

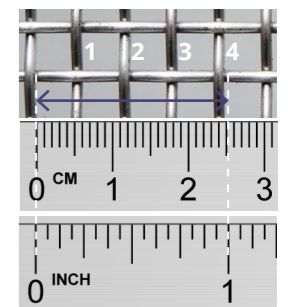
Samples:
Please contact sales@sswm.com.au to request samples of our Architectural Mesh range to determine which mesh best meets your requirements.

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.



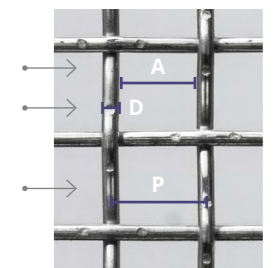
Glossary Woven Mesh:
Mesh - number of openings per linear inch
SWG - standard wire gauge

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)

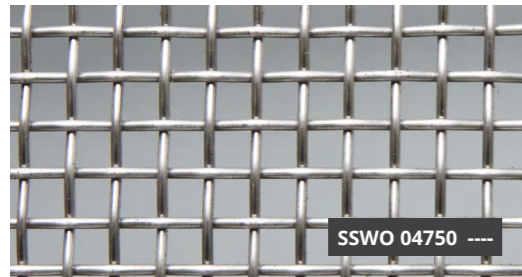
% Open Area - the percentage of all the apertures in the total screening surface



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* Pre black powder coat finish

May 2022

Archi Mesh 4.75 mm (4/16)



Aperture 4.75 mm
Diameter 1.60 mm
Finish Mill
Weave Type Plain
Kg/m² 5.25 Kg/m²
% Open 56 % Approx
Grade 304 / 316

Rolls: 30 m
Sheets: 2 x 1.245 m

Archi Mesh 6.47 mm (3/14)



Aperture 6.47 mm
Diameter 2.00 mm
Finish Mill
Weave Type Lock Crimp
Kg/m² 6.15 Kg/m²
% Open 58 % Approx
Grade 304

Rolls: 30 m
Sheets: 2 x 1.245 m

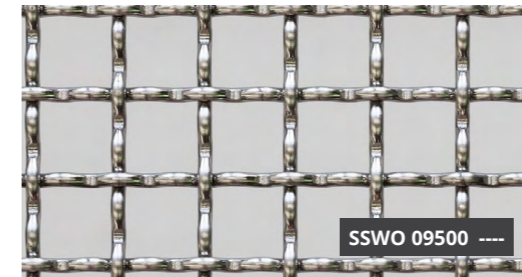
Archi Mesh 6.87 mm (3/16)



Aperture 6.87 mm
Diameter 1.60 mm
Finish Mill
Weave Type Lock Crimp
Kg/m² 3.94 Kg/m²
% Open 66 % Approx
Grade 304 / 316

Rolls: 30 m
Sheets: 2 x 1.245 m

Archi Mesh 9.5mm mm (2.2/14)



Aperture 9.50 mm
Diameter 2.00 mm
Finish Mill
Weave Type Inter Crimp
Kg/m² 4.51 Kg/m²
% Open 68 % Approx
Grade 304 / 316

Rolls: 30 m
Sheets: 2 x 1.245 m

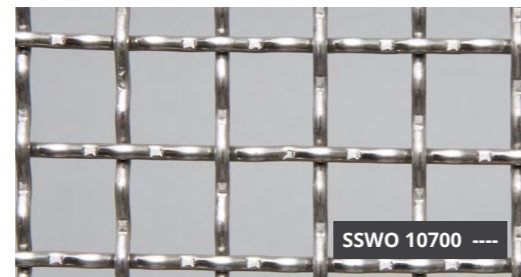
Archi Mesh 10.2 mm (2/12)



Aperture 10.2 mm
Diameter 2.50 mm
Finish Mill
Weave Type Lock Crimp
Kg/m² 6.41 Kg/m²
% Open 65 % Approx
Grade 316

Rolls: 30 m
Sheets: 2 x 1.245 m

Archi Mesh 10.7 mm (2/14)



Aperture 10.7mm
Diameter 2.00 mm
Finish Mill
Weave Type Inter Crimp
Kg/m² 4.10 Kg/m²
% Open 71 % Approx
Grade 304 / 316

Rolls: 30 m
Sheets: 2 x 1.245 m

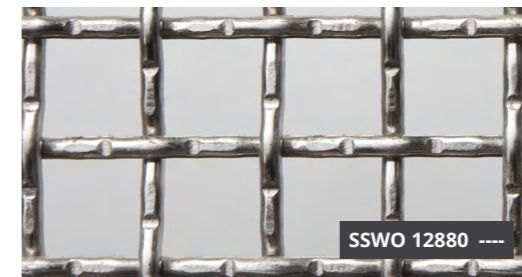
Archi Mesh 11.1 mm (2/16)



Aperture 11.1 mm
Diameter 1.60 mm
Finish Mill
Weave Type Inter Crimp
Kg/m² 2.63 Kg/m²
% Open 76 % Approx
Grade 304 / 316

Rolls: 30 m
Sheets: 2 x 1.245 m

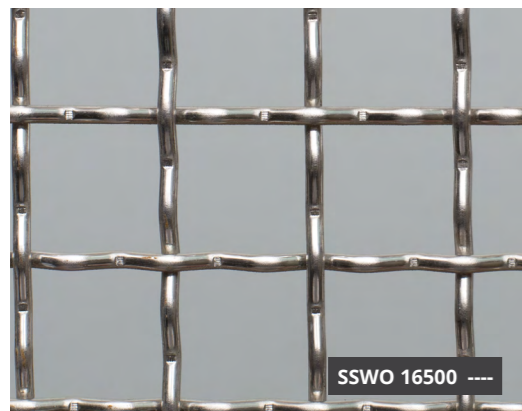
Archi Mesh 12.88 mm (1.6/10)



Aperture 12.88 mm
Diameter 3.00 mm
Finish Mill
Weave Type Lock Crimp
Kg/m² 7.39 Kg/m²
% Open 66 % Approx
Grade 316

Rolls: 30 m
Sheets: 2 x 1.245 m

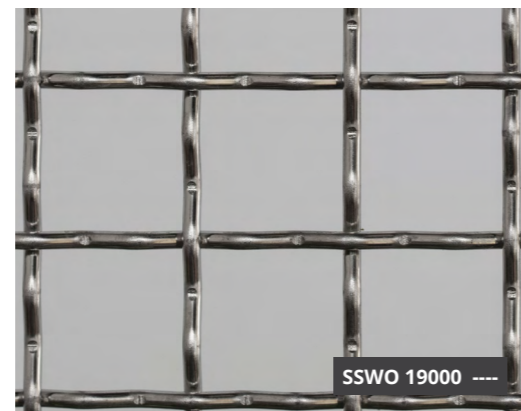
Archi Mesh 16.5 mm (3/4/12)



Aperture 16.5 mm
Diameter 2.50 mm
Finish Mill
Weave Type Inter Crimp
Kg/m² 4.29 Kg/m²
% Open 75 % Approx
Grade 316

Rolls: 30 m
Sheets: 2 x 1.245 m

Archi Mesh 19 mm (1.18/12)



Aperture 19 mm
Diameter 2.50 mm
Finish Mill
Weave Type Inter Crimp
Kg/m² 3.82 Kg/m²
% Open 78 % Approx
Grade 316

Rolls: 30 m
Sheets: 2 x 1.245 m

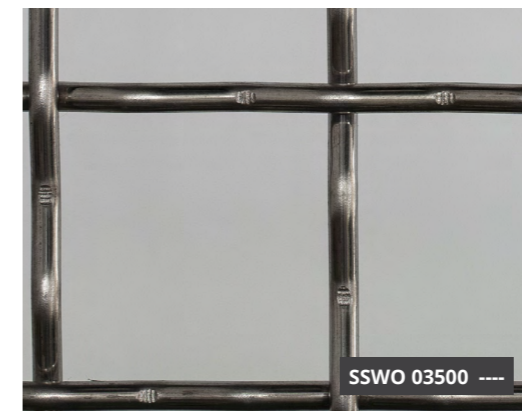
Archi Mesh 22.25 mm (1/10)



Aperture 22.25 mm
Diameter 3.15 mm
Finish Mill
Weave Type Inter Crimp
Kg/m² 5.09 Kg/m²
% Open 77 % Approx
Grade 304 / 316

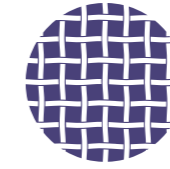
Rolls: 30 m
Sheets: 2 x 1.245 m

Archi Mesh 35.00 mm



Aperture 35 mm
Diameter 4.00 mm
Finish Mill
Weave Type Inter Crimp
Kg/m² 5.2 Kg/m²
% Open NA
Grade NA

Rolls: 30 m
Sheets: 2 x 1.245 m

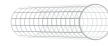



Stainless Steel ARCHITECTURAL MESH

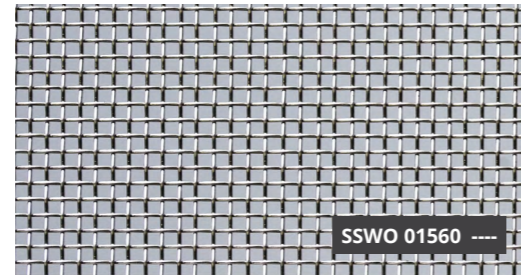
Cabinet / Joinery
STOCK GUIDE

Archi Mesh Mesh 1.03 mm (16/24)



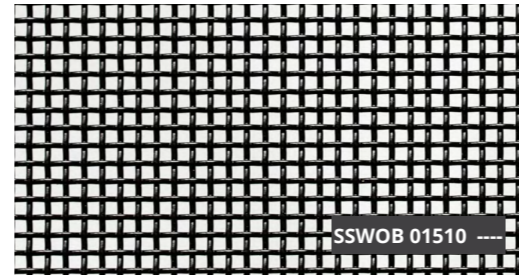
| | | |
|-------------------|------------------------|---|
| Aperture | 1.03 mm | Rolls: 30 m |
| Diameter | 0.56 mm |  |
| Finish | Mill | |
| Weave Type | Plain | Sheets: |
| Kg/m ² | 2.57 Kg/m ² | 2 x 1.245 m |
| % Open | 42 % Approx |  |
| Grade | 304 / 316 | |

Archi Mesh 1.56 mm (12/24)



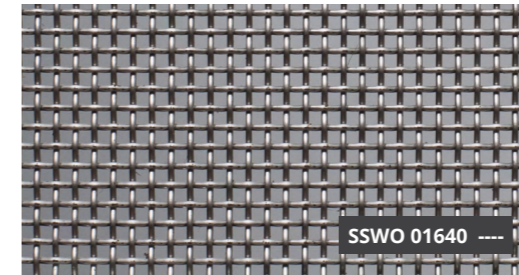
| | | |
|-------------------|------------------------|--|
| Aperture | 1.56 mm | Rolls: 30 m |
| Diameter | 0.56 mm |  |
| Finish | Mill | |
| Weave Type | Plain | Sheets: |
| Kg/m ² | 1.93 Kg/m ² | 2 x 1.245 m |
| % Open | 54 % Approx |  |
| Grade | 304 | |

Archi Mesh Black 1.51 mm (11/0.8)



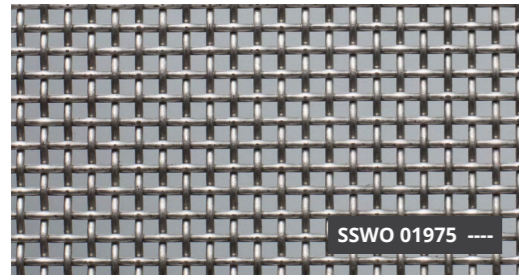
| | | |
|---------------------|------------------------|---|
| Aperture | 1.51 mm | Sheets: Various |
| Diameter | 0.80 mm | |
| Finish | Black Powder Coat |  |
| Weave Type | Plain | |
| Kg/m ² * | 3.61 Kg/m ² | |
| % Open* | 43 % Approx | |
| Grade | 304 / 316 | |

Archi Mesh 1.64 mm (10/20)



| | | |
|-------------------|------------------------|---|
| Aperture | 1.64 mm | Rolls: 30 m |
| Diameter | 0.90 mm |  |
| Finish | Mill | |
| Weave Type | Plain | Sheets: |
| Kg/m ² | 4.16 Kg/m ² | 2 x 1.245 m |
| % Open | 42 % Approx |  |
| Grade | 304 / 316 | |

Archi Mesh 1.975 mm (8/18)



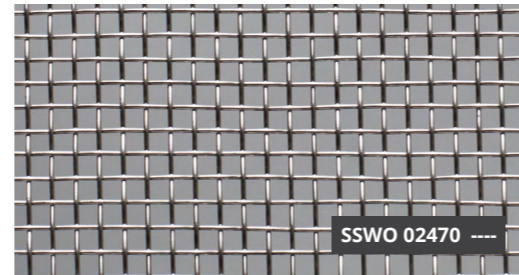
| | | |
|-------------------|------------------------|---|
| Aperture | 1.975 mm | Rolls: 30 m |
| Diameter | 1.20 mm |  |
| Finish | Mill | |
| Weave Type | Plain | Sheets: |
| Kg/m ² | 5.90 Kg/m ² | 2 x 1.245 m |
| % Open | 39 % Approx |  |
| Grade | 304 | |

Archi Mesh 2.28 mm (8/20)



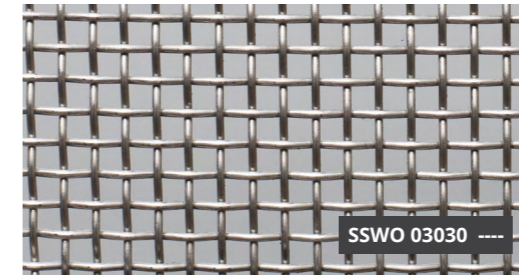
| | | |
|-------------------|------------------------|--|
| Aperture | 2.28 mm | Rolls: 30 m |
| Diameter | 0.90 mm |  |
| Finish | Mill | |
| Weave Type | Plain | Sheets: |
| Kg/m ² | 3.32 Kg/m ² | 2 x 1.245 m |
| % Open | 51 % Approx |  |
| Grade | 304 | |

Archi Mesh 2.47 mm (8/22)



| | | |
|-------------------|------------------------|---|
| Aperture | 2.47 mm | Rolls: 30 m |
| Diameter | 0.71 mm |  |
| Finish | Mill | |
| Weave Type | Plain | Sheets: |
| Kg/m ² | 2.07 Kg/m ² | 2 x 1.245 m |
| % Open | 60 % Approx |  |
| Grade | 304 | |

Archi Mesh 3.03mm (6/18)



| | | |
|-------------------|------------------------|---|
| Aperture | 3.03 mm | Rolls: 00 m |
| Diameter | 1.20 mm |  |
| Finish | Mill | |
| Weave Type | Plain | Sheets: |
| Kg/m ² | 4.44 Kg/m ² | 2 x 1.245 m |
| % Open | 51 % Approx |  |
| Grade | 304 / 316 | |

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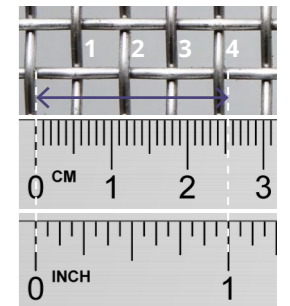
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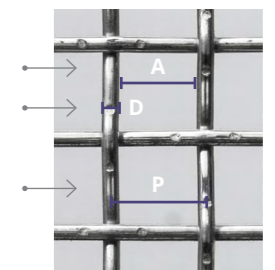
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