

MASTERMESH PERFORATED METALS



MASTERMESH INDUSTRIES

COMPANY PROFILE

MASTERMESH INDUSTRIES

A division of the Graham Group

An Australian owned company
with over 50 years' experience

The Graham Group is now owned by the Nepean Group, which is Australia's leading privately owned, diversified engineering and industrial manufacturing conglomerate.

Mastermesh Industries manufactures and supplies an extensive range of expanded and perforated metal products that are widely used in architectural, commercial, industrial and resources projects Australia-wide.

Materials include galvanised mild steel, stainless steel and aluminium.

This brochure is designed to assist the architect, draughtsperson, engineer, fabricator and specifier in the correct selection of our range of perforated metal products.

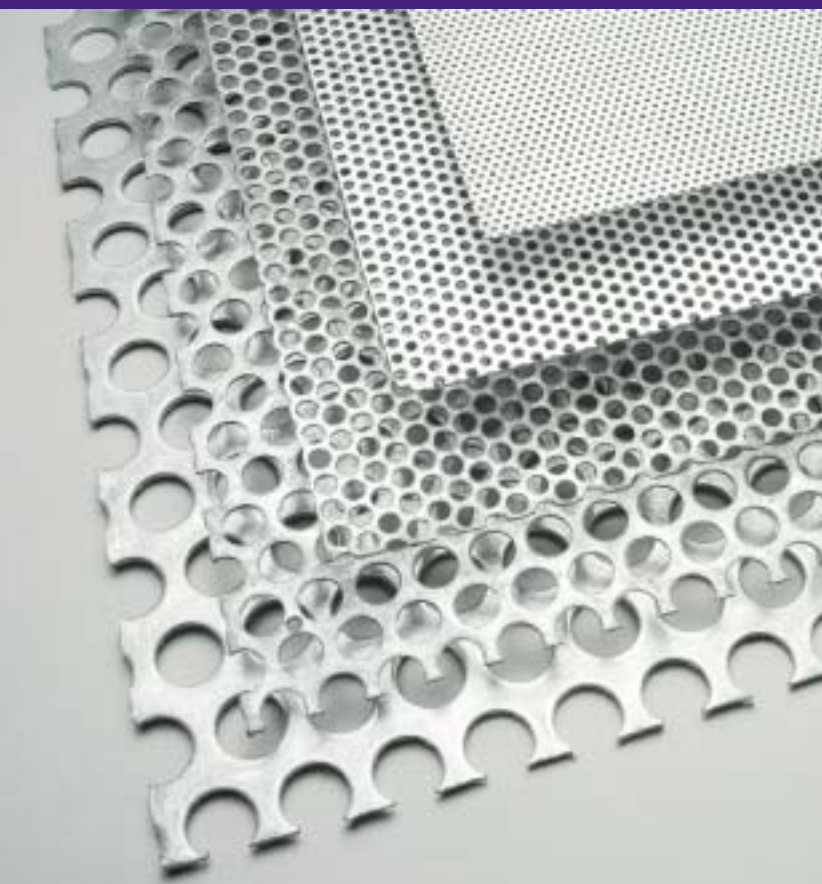
CONTENTS

Company Profile 2

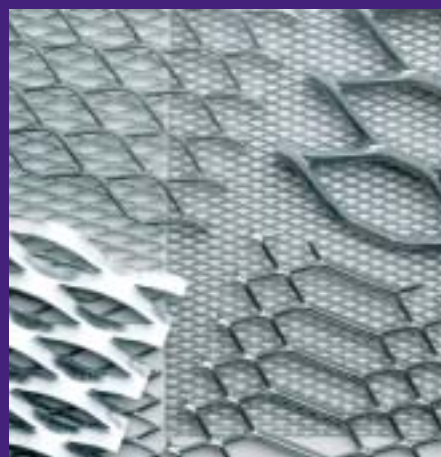
Perforated Metal Applications 3

Standard Perforated Sheets 4 – 5

Custom Perforated Sheets 6 – 7



Perforated Metal



Expanded Metal



Flormesh®

PERFORATED METAL APPLICATIONS

Versatile, attractive, functional

Perforated metals are used in a wide range of applications, most commonly as screens, filters, shields and guards, but also as structural and aesthetic elements in architectural and interior design applications.

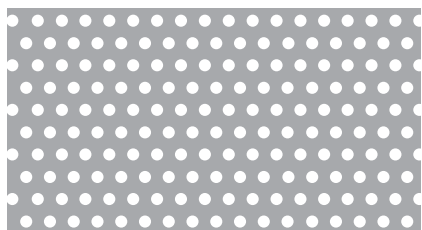
Perforated metals also have the ability to control the passage of air and other gases, liquids, light, solids, heat, electromagnetic energy and sound waves. With these properties, perforated metals have found applications in a variety of industry sectors, including:

- Aerospace
- Agricultural
- Architectural
- Automotive
- Construction
- Electronics
- Food Processing
- Furniture
- Hospitality
- Manufacturing
- Marine
- Medical
- Mining
- Petrochemical
- Retail
- Security
- Telecommunications
- Utilities

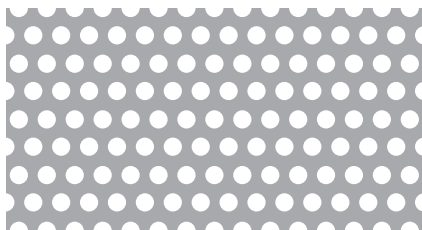


STANDARD PERFORATED SHEETS

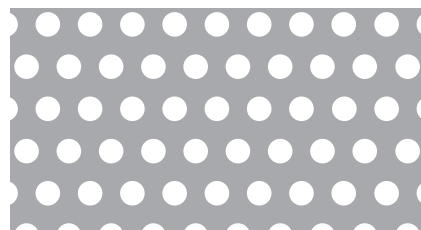
Stock Patterns – Ready for despatch Templates represent actual hole size



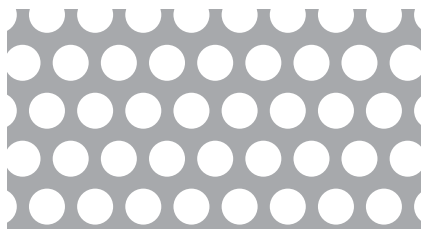
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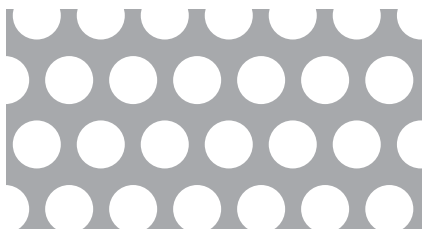
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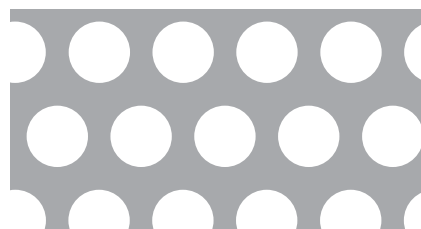
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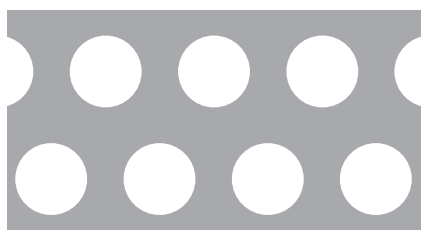
Product code P0486416



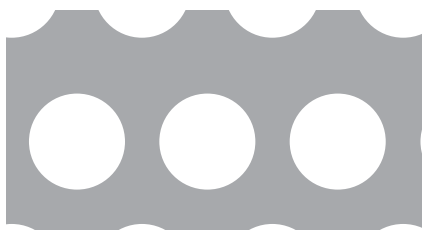
Product code P0648516



Product code P0801116



Product code P0951416



Product code P1271716



Product code P1912530

Standard Perforated Sheet Specifications – Untreated/Galvanised Steel

Product Code	Hole size (mm)	Pitch (mm)	Open Area %	Thickness (mm)	Sheet Size (mm)	Weight (kg/m ²)
P0163212	1.60	3.20	23.0	1.2	2440 x 1220	7.2
P0243710	2.41	3.66	40.0	1.0	2440 x 1220	4.7
P0335616	3.25	5.59	30.0	1.6	2440 x 1220	8.7
P0486416	4.76	6.35	51.0	1.6	2440 x 1220	6.1
P0648516	6.35	8.50	51.0	1.6	2440 x 1220	6.1
P0648530	6.35	8.50	51.0	3.0	2440 x 1220	11.5
P0801116	8.00	11.11	47.0	1.6	2440 x 1220	6.6
P0951416	9.50	14.30	40.0	1.6	2440 x 1220	7.5
P0951430	9.50	14.30	40.0	3.0	2440 x 1220	14.0
P1271716	12.70	17.27	49.0	1.6	2440 x 1220	6.4
P1271730	12.70	17.27	49.0	3.0	2440 x 1220	11.9
P1912530	19.05	25.40	51.0	3.0	2440 x 1220	11.5

All dimensions and weights are nominal

STANDARD PERFORATED SHEETS

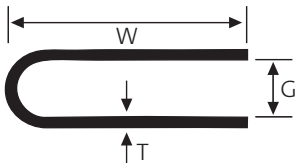


Decorative Wall Screens - Po163212

Balcony Infill Panels - GP0951430

Fencing at Concord Hospital - GP0648516

Steel Edge Trim (SETs)



Product code	Material	Standard Length	Weight "W"	Gap "G"	Thickness "T"	Weight (kg/length)
SET 2	STEEL	3000	12	2	1.0	0.61
SET 4	STEEL	3000	19	4	1.2	1.22

Mastermesh Industries Steel Edge Trims (SETs) provide an alternative to conventional methods of framing and installation. The use of SETs provides a smooth continuous frame, removing the danger of sharp serrated edges from cutting and fabrication

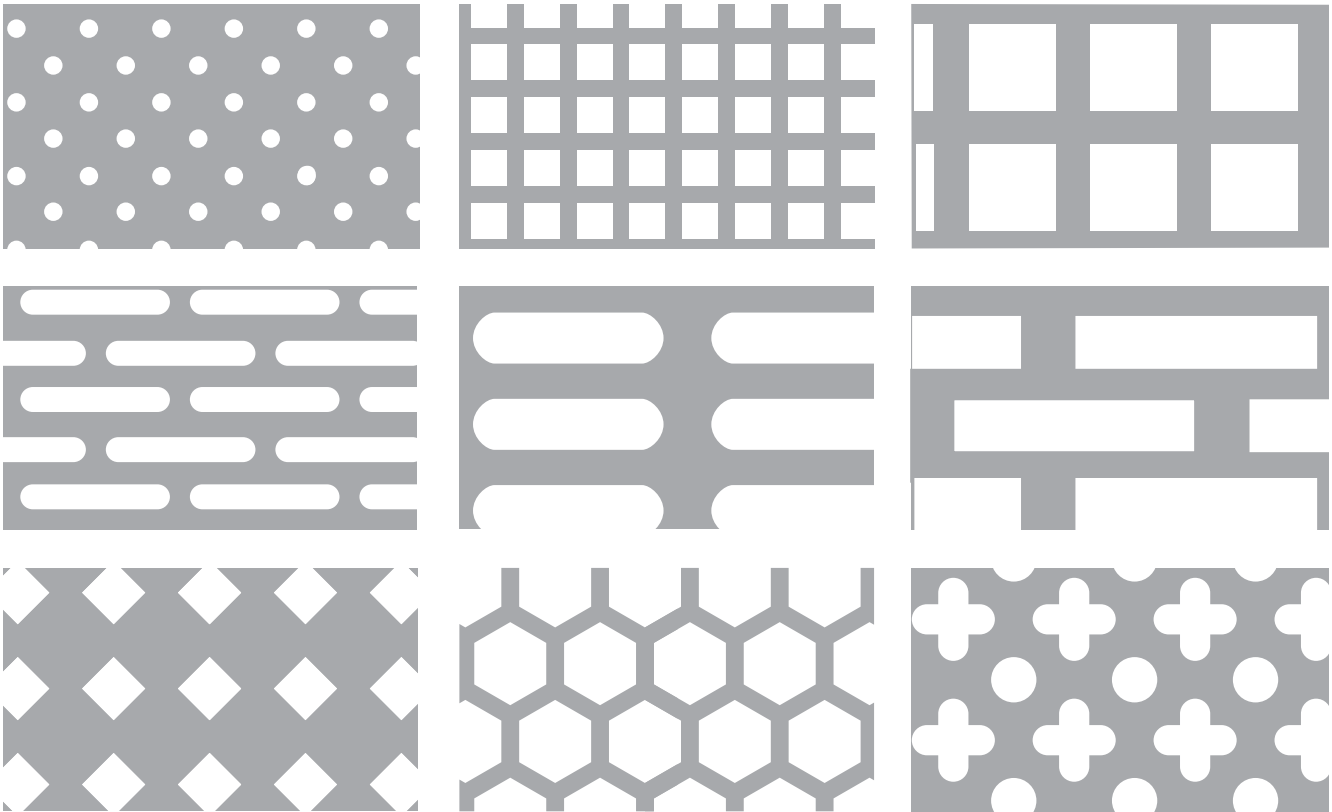


SET2 used to accommodate GP0486416 – Decorative shop fitting

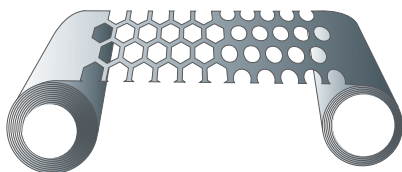


CUSTOM PERFORATED SHEETS

Design possibilities are limitless, within the boundaries imposed by material specification and/or component thickness. Many other hole patterns, pitches, thicknesses, margins (unperforated edges), sheet sizes and material finishes are available on request. Conditions apply.



Architects and OEMs need not be constrained by industry standard sizes and specifications. Unique and creative panels can be tailored to each project to enhance aesthetics or improve engineering designs. Conditions apply.



Coil-to-coil technology improves yield on sheet lengths, by minimising off-cuts and waste



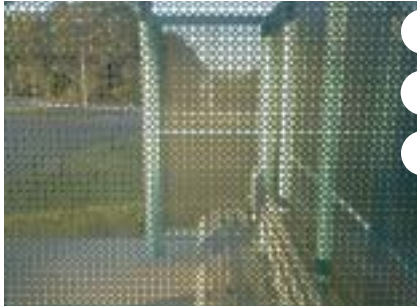
Balustrade infill panels with unperforated margins

CUSTOM PERFORATED SHEETS

Mastermesh Industries Pty Ltd has provided many special custom perforated metals to suit unique applications.



Custom Perforated Sheets – Car Park Façade, Albury, NSW



Custom Perforated Sheets – Bus Shelters



Custom Aluminium Perforated Sheets – Darling Harbour Sydney, NSW



Custom Perforated Sheets – Cages



Custom Perforated Image Technology

Using the latest software, Mastermesh Industries Pty Ltd now has the ability to re-create your desired image/artwork in Perforated Metal. This technology provides unique and effective panels for applications such as car park facades, sunscreens, signage and balustrades. Conditions apply.





MASTERMESH INDUSTRIES PTY LTD

A division of the Graham Group
ABN 42 000 240 853

NEW SOUTH WALES

117 – 153 Rookwood Rd, Yagoona 2199
Telephone 61 (2) 9709 3777 Facsimile 61 (2) 9790 1013

VICTORIA

171 Derrimut Drive, Derrimut VIC 3030
Telephone 61 (3) 9394 1001 Facsimile 61 (3) 9394 1441

WESTERN AUSTRALIA

98 Campbell Street, Belmont WA 6104
Telephone 61 (8) 9478 1266 Facsimile 61 (8) 9277 7742

QUEENSLAND

53-59 Sodium Street, Narangba QLD 4504
Telephone 61 (7) 3491 4500 Facsimile 61 (7) 3888 2722

The Australian-owned Graham Group of companies manufactures a wide range of steel and galvanised products.

- **Galintel**
Galvanised steel lintel bars
- **Weldlok**
Grating, handrail and drainage products
- **Mastermesh**
Expanded and perforated metals
- **Galvanising Services**
Hot-dip galvanising
- **Graham Rolling Mills**
Hot-rolled and heavy-gauge coil slitting

mastermesh@grahamgroup.com.au
www.mastermesh.com.au

a member of

