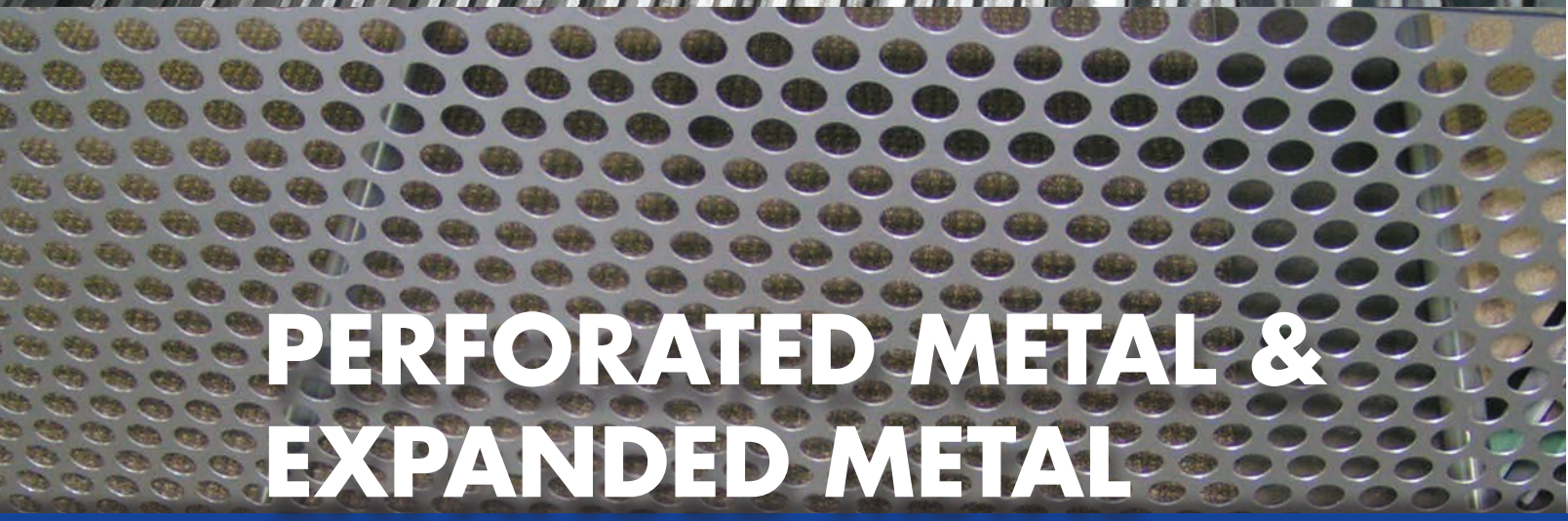

PERFORATED METAL & EXPANDED METAL

PRODUCT CATALOG

214.613.2285 • info@ArchitecturalBling.com

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ARCHITECTURAL Bling

Metals Service Center Institute

ISO 9001:2015 Certified

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PERFORATED METAL

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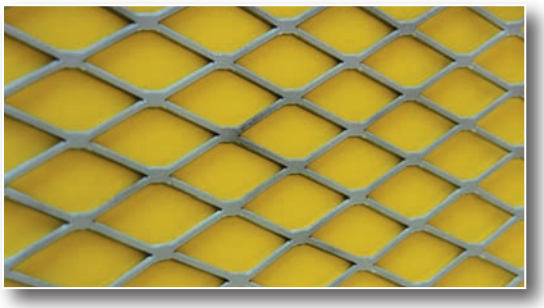
EXPANDED METAL



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WE'LL CUT ANYTHING IN OUR INVENTORY TO YOUR SPECS!

SCAN ME

"We manufacture to ASTM Standards."

Architectural Bling, Inc.

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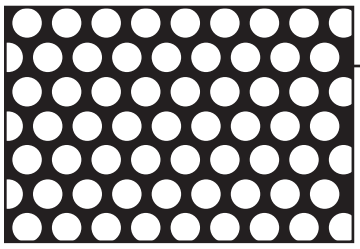
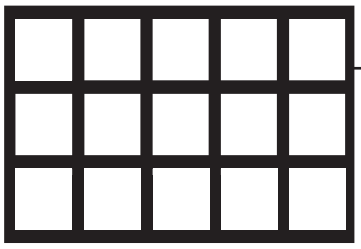
PERFORATED METAL

Perforated metal is extremely versatile and lightweight. The most common applications include: screens, diffusers, guards, filters, vents and more. We can perforate most any metal, plastic or rubber material with round, square, slotted, decorative or architectural holes.



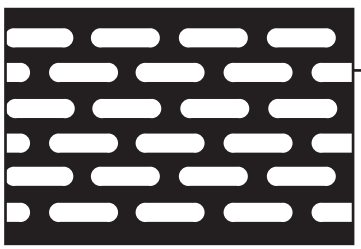
ROUND PERFORATION

One of the most popular perforation options. Ventilation and decoration are some of its most common uses. You can choose from many sizes and patterns of holes.



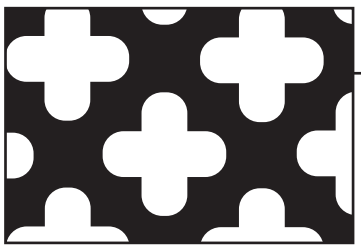
SQUARE PERFORATION

A good option when a greater open area is required in a project. This translates to greater ventilation and lighter weight. Many square sizes and pattern layouts.



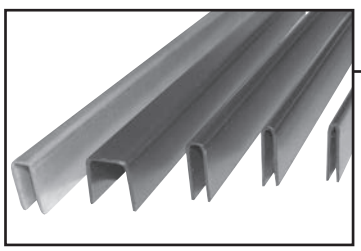
SLOTTED PERFORATION

Provides greater ventilation than round perforation and is better suited for decorative use than square perforation. Many slot sizes and pattern layouts are available by special order.



DECORATIVE/ARCHITECTURAL PERFORATION

Ideal for many architectural applications that require an aesthetic appeal. Many decorative styles, extremely versatile and lightweight. Some architectural applications include: sunscreens, ceiling panels, exterior cladding or any application requiring a decorative look.

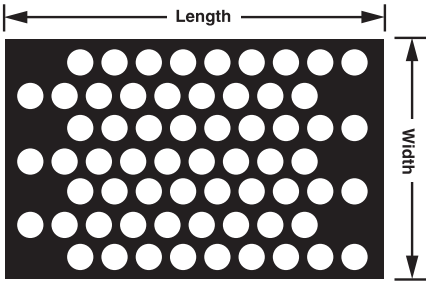


U-EDGING

A perforated metal accessory that is a u-shaped strip attached to the edge of a perforated metal sheet to make the edges more attractive and safer. In carbon or stainless steel, aluminum and galvanized.

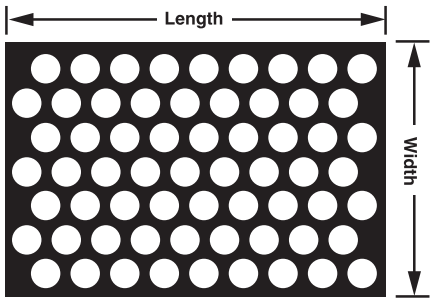
TYPES OF PERFORATIONS

EXAMPLE OF "UNFINISHED END PATTERN"

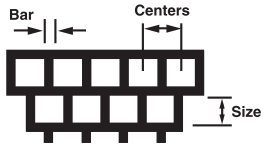


STANDARD

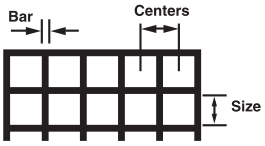
EXAMPLE OF "FINISHED END PATTERN"



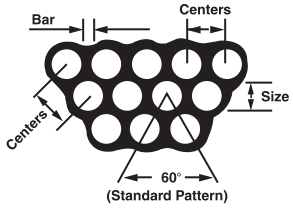
NON-STANDARD



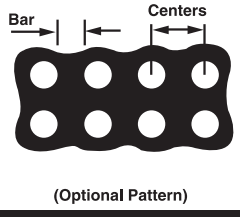
SQUARE PERFORATIONS-STAGGERED



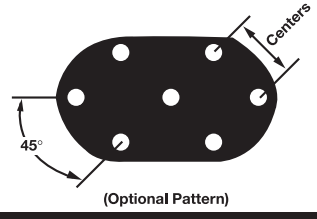
SQUARE PERFORATIONS-STRAIGHT



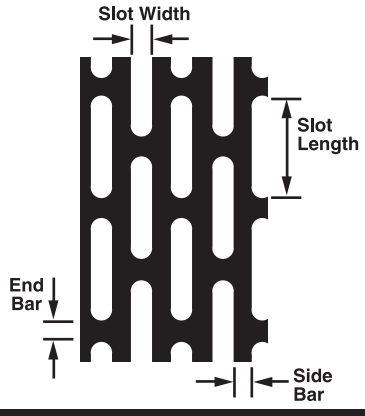
ROUND PERFORATIONS STAGGERED



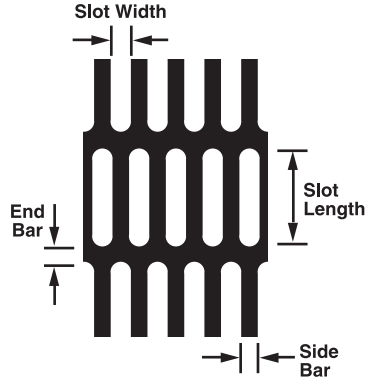
ROUND PERFORATIONS STRAIGHT LINE PATTERN



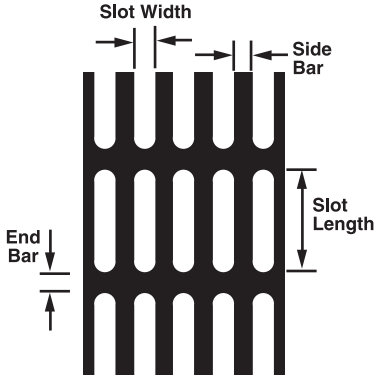
ROUND PERFORATIONS 45 DEGREE PATTERN



SLOTS - SIDE STAGGER

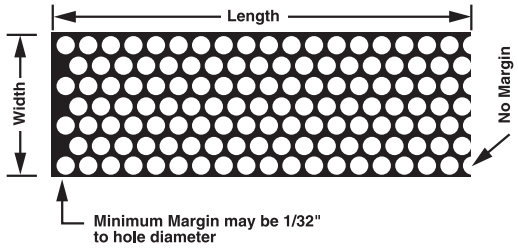


SLOTS - END STAGGER

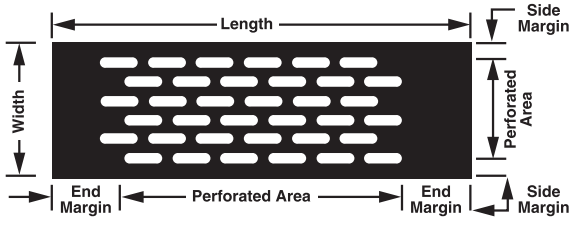


SLOTS - STRAIGHT

PERFORATED STOCK SIZE SHEET OR PLATE WITH MINIMUM MARGINS



SHEET OR PLATE RESHEARED AFTER PERFORATING WITH MARGINS AS SPECIFIED



TOOL LIST

Perforations (inches)	Type Centers	Holes PSI	Open Area
.020	Straight	825	30%
.020	Staggered	625	23%
.023	Straight	576	24%
.023	Staggered	400	18%
.027	Straight	400	23%
.027	Staggered	320	18%
.033	Staggered	225	19%
.033	Straight	330	29%
.040	Straight	225	30%
.040	Staggered	186	23%
.041	Staggered	–	32%
.043	Staggered	–	35%
.045	Straight	225	37%
.045	Staggered	169	28%
.050	Straight	144	33%
.050	Staggered	115	26%
.055	Straight	144	33%
.055	Staggered	135	30%
.058	Straight	144	38%
.058	Staggered	115	35%

Perforations (inches)	Type Centers	Holes PSI	Open Area
.063	3/32"	Staggered	40%
.063	1/10"	Straight	30%
.063	7/64"	Staggered	30%
.063	1/8"	Staggered	23%
.067	1/8"	Staggered	28%
.071	1/8"	Staggered	30%
.077	7/64"	Staggered	45%
.078	1/8"	Staggered	36%
.079	7/64"	Straight	45%
.083	1/8"	Staggered	37%
.083	5/32"	Staggered	26%
.093	9/64"	Staggered	40%
.093	5/32"	Staggered	33%
.093	11/64"	Staggered	26%
.093	3/16"	Staggered	23%
.093	3/16"	SL	20%
.093	17/64" (45°)	Staggered	11%
.093	1/4"	Staggered	13%

Perforations (inches)	Type Centers	Holes PSI	Open Area
.100	5/32"	Staggered	36%
.100	9/64"	SL	45%
.109	3/16"	Staggered	29%
.109	7/32"	Staggered	23%
.109	5/32"	Staggered	45%
.113	7/32"	Staggered	25%
.117	3/16"	Staggered	33%
.117	7/32"	Staggered	27%
.117	5/32"	Staggered	50%
.125	3/16"	Staggered	40%
.125	3/16"	SL	28%
.125	7/32"	Staggered	29%
.125	1/4"	Staggered	23%
.125	1/4"	SL	20%
.125	5/16"	SL	11%
.141	3/16"	Staggered	51%
.141	7/32"	Staggered	38%
.141	1/4"	Staggered	28%
.148	1/4"	Staggered	30%
.148	7/32"	Staggered	30%
.156	3/16"	Staggered	62%
.156	7/32"	Staggered	46%
.156	1/4"	Staggered	36%
.156	9/32"	Staggered	28%
.156	17/64"	SL	26%
.156	3/8"	Staggered	15%
.172	1/4"	Staggered	43%
.172	3/8"	Staggered	19%
.172	9/32"	Staggered	33%
.180	9/32"	Staggered	35%
.188	7/32"	Staggered	66%
.188	1/4"	Staggered	51%
.188	9/32"	Staggered	41%
.188	5/16"	Staggered	33%
.188	1/4"	SL	55%
.188	9/16"	SL	12%
.203	9/32"	Staggered	47%
.219	5/16"	Staggered	45%
.219	11/32"	Staggered	36%

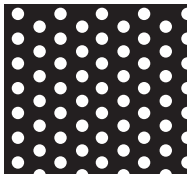
TOOL LIST

Perforations (inches)	Type Centers	Holes PSI	Open Area
.219	9/16"	Staggered	15%
.219	7/16"	SL	23%
.223	11/32"	Staggered	39%
.234	5/64"	Staggered	52%
.234	11/32"	Staggered	42%
.234	3/8"	Staggered	35%
.242	3/8"	Staggered	37%
.250	5/16"	Staggered	58%
.250	11/32"	Staggered	48%
.250	3/8"	Staggered	40%
.250	1/2"	Staggered	22%
.250	1/2"	SL	20%
.250	1"	SL	5%
.258	7/16"	Staggered	30%
.258	3/8"	Staggered	45%
.266	3/8"	Staggered	46%
.281	3/8"	Staggered	50%
.281	13/32"	Staggered	44%
.297	7/16"	Staggered	42%
.305	7/16"	Staggered	45%
.313	3/8"	Staggered	62%
.313	7/16"	Staggered	47%
.316	7/16"	Staggered	49%
.320	1/2"	Staggered	45%
.328	7/16"	Staggered	50%
.328	1/2"	Staggered	45%
.336	1/2"	Staggered	47%
.344	15/32"	Staggered	48%
.344	1/2"	Staggered	43%
.352	1/2"	Staggered	45%
.359	15/32"	Staggered	50%
.359	17/32"	Staggered	41%
.359	3/4"	Staggered	21%
.367	9/16"	Staggered	36%
.375	1/2"	Staggered	51%
.375	17/32"	Staggered	45%
.375	9/16"	Staggered	40%
.375	5/8"	Staggered	33%
.375	11/16"	Staggered	27%
.383	9/16"	Staggered	42%

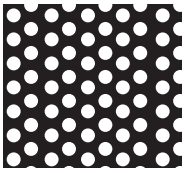
Perforations (inches)	Type Centers	Holes PSI	Open Area
.391	9/16"	Staggered	45%
.406	9/16"	Staggered	47%
.406	5/8"	Staggered	42%
.422	13/16"	Staggered	25%
.422	5/8"	Staggered	27%
.430	5/8"	Staggered	30%
.438	9/16"	Staggered	54%
.438	5/8"	Staggered	45%
.438	3/4"	Staggered	30%
.445	5/8"	Staggered	47%
.453	11/16"	Staggered	47%
.469	5/8"	Staggered	47%
.469	3/4"	Staggered	38%
.484	11/16"	Staggered	42%
.500	11/16"	Staggered	47%
.500	3/4"	Staggered	40%
.500	7/8"	Staggered	30%
.500	1"	SL	20%
.531	3/4"	Staggered	45%
.531	3/16"	Staggered	40%
.547	3/4"	Staggered	42%
.547	3/4"	Staggered	45%
.563	3/4"	Staggered	51%
.578	3/4"	Staggered	55%
.594	13/16"	Staggered	48%
.625	13/16"	Staggered	53%
.625	7/8"	Staggered	47%
.641	7/8"	Staggered	50%
.656	7/8"	Staggered	50%
.688	15/16"	Staggered	50%
.750	1"	Staggered	51%
.750	15/16"	Staggered	55%
.750	1-1/8"	Staggered	40%
.781	1"	Staggered	53%
.813	1-1/16"	Staggered	50%
.875	1-1/8"	Staggered	54%
1.00	1-1/4"	Staggered	58%
1.00	1-3/8"	Staggered	48%

ROUND HOLES

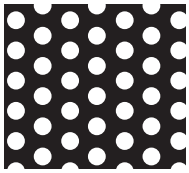
A FEW OF OUR PERFORATIONS - (holes at actual size)



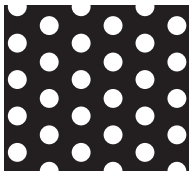
1/16" @ 1/8"
STAGGERED
Open area . . . 22.5%



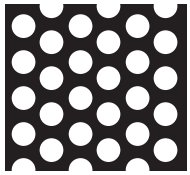
.078 @ 1/8"
STAGGERED
Open area . . . 36%



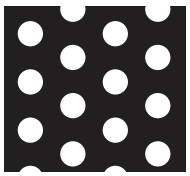
3/32" @ 5/32"
STAGGERED
Open area . . . 32%



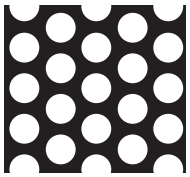
3/32" @ 3/16"
STAGGERED
Open area . . . 23%



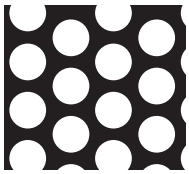
1/8" @ 3/16"
STAGGERED
Open area . . . 40%



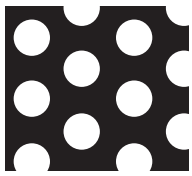
1/8" @ 1/4"
STAGGERED
Open area . . . 23%



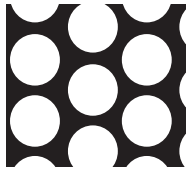
5/32" @ 7/32"
STAGGERED
Open area . . . 46%



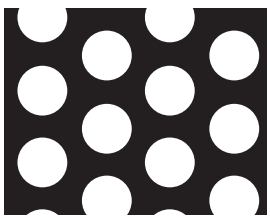
3/16" @ 1/4"
STAGGERED
Open area . . . 51%



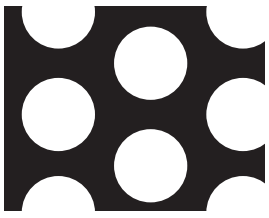
3/16" @ 5/16"
STAGGERED
Open area . . . 33%



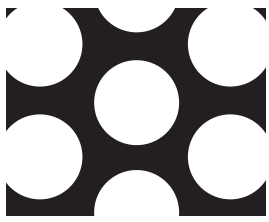
1/4" @ 5/16"
STAGGERED
Open area . . . 58%



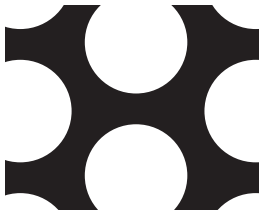
1/4" @ 3/8"
STAGGERED
Open area . . . 40%



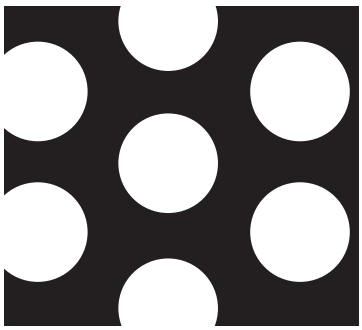
3/8" @ 9/16"
STAGGERED
Open area . . . 40%



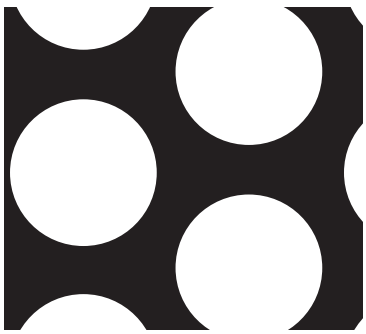
7/16" @ 9/16"
STAGGERED
Open area . . . 51%



1/2" @ 11/16"
STAGGERED
Open area . . . 47%



1/2" @ 3/4"
STAGGERED
Open area . . . 40%



3/4" @ 1"
STAGGERED
Open area . . . 51%

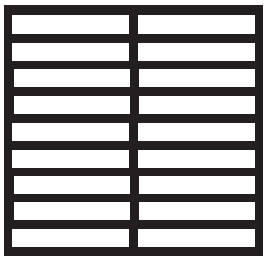
1" @ 1-1/4"
STAGGERED
Open area . . . 58%

MANY ADDITIONAL PERFORATIONS AVAILABLE . . . ASK YOUR DIRECT METALS SALESPERSON
WE CAN PERFORATE MOST ANY METAL, PLASTIC OR RUBBER

DECORATIVE/ARCHITECTURAL

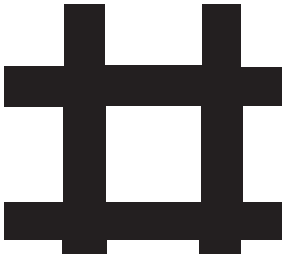
Decorative Perforation is ideal for many architectural applications that require an aesthetic appeal. You can choose from one of our many decorative styles.

MANY OTHER PERFORATIONS AVAILABLE!

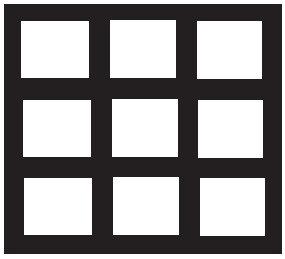


AIRLINE
1/4" x 1-1/2" slot

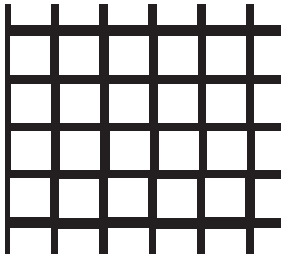
3/4" SQUARE



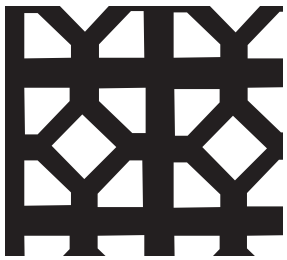
LATTICE
1/2" square x 11/16"
straight center



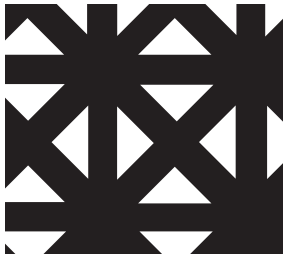
3/8" SQUARES
3/8" square x 1/2"
straight center



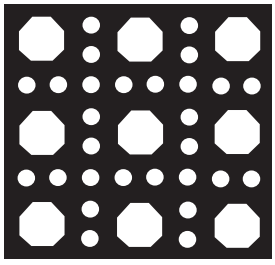
HANOVER SQUARE
.022" square x .25"
straight center



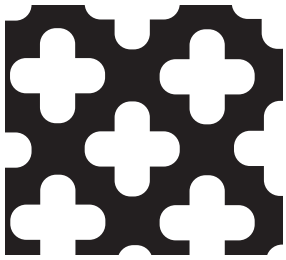
WINDSOR



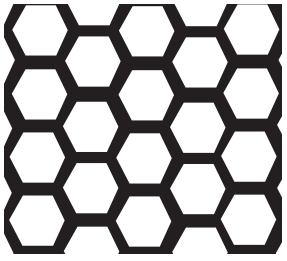
GRECIAN



OCTAGON CANE



FULL CLOVERLEAF
1/2" full clover



1/4" HONEYCOMB
1/4" honeycomb x .281
stagger center

HEXAGON
1/2" hexagon x 9/16"
stagger center

MOIRE
1/8" x 3/4" slot

COMMON APPLICATIONS OF ROUND PERFORATED METAL

- Vents
- Diffusers
- Grills
- Screens
- Strainers
- Filters
- Guards
- Decorative

...and many more

FEATURES OF ROUND & SQUARE PERFORATED METAL

- Lightweight
- Extremely Versatile
- Large Open Area
- Customizable
- Economically Priced
- Decorative

Many more patterns, materials & gauges

Building Exterior

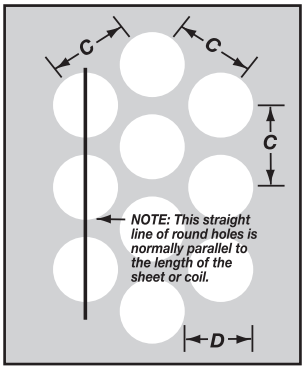
Sunshade Application

Formulas for Determining Percentage of Open Areas

In each formula "D" = hole diameter and "C" = center spacing

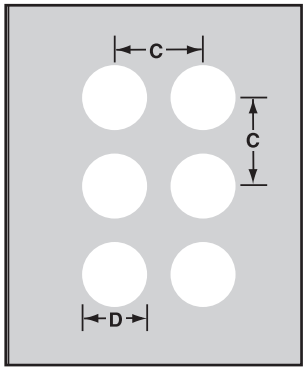
60° Staggered Centers Pattern (Standard)

$$\frac{Dia^2}{Center^2} \times 90.5 = \text{Percentage of Open Area}$$



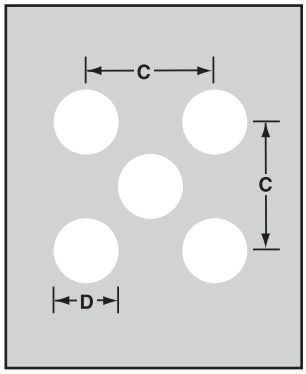
Straight Line Pattern

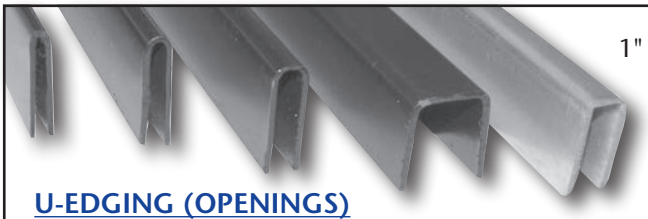
$$\frac{Dia^2}{Center^2} \times 78.54 = \text{Percentage of Open Area}$$



45° Staggered Centers Pattern

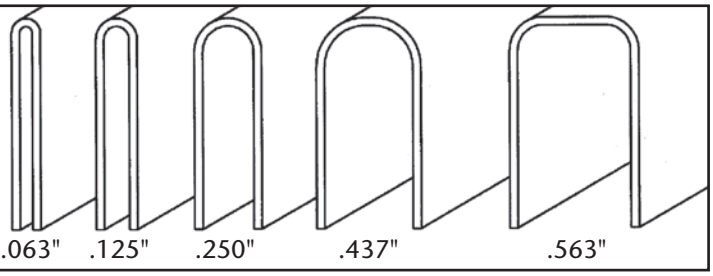
$$\frac{Dia^2}{Center^2} \times 157.08 = \text{Percentage of Open Area}$$





U-EDGING (OPENINGS)

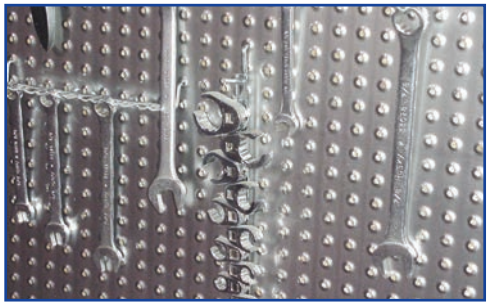
Available in carbon steel, stainless steel, aluminum and galvanized



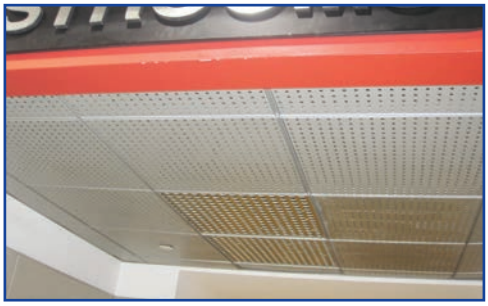
APPLICATIONS

Sunscreens

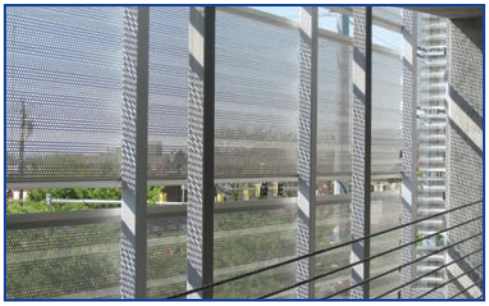
Airport Parking Deck



Pegboard



Ceiling



Infill Panels

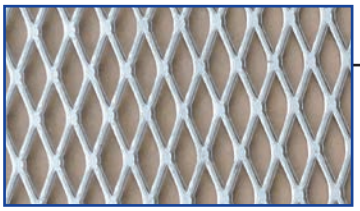
Signage

Drain Covers

Patio Furniture

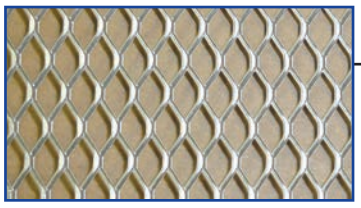
EXPANDED METAL

Expanded Metal is extremely economical. It can even be adapted for use in just about any project. A wide number of styles and materials to choose from.



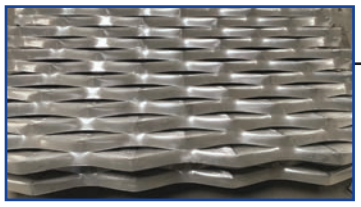
FLATTENED EXPANDED METAL

Cold rolled through a machine that flattens the metal after the expansion process. This is the perfect choice when a smooth surface is desired.



REGULAR OR STANDARD EXPANDED METAL

Is offered in your choice of material, gauge and opening size. This is the best choice when a raised surface that is more rigid is required.

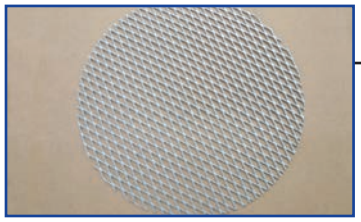


EXPANDED METAL GRATING

Expanded metal grating is a strong and economical product used in a variety of industrial, commercial, and architectural applications.

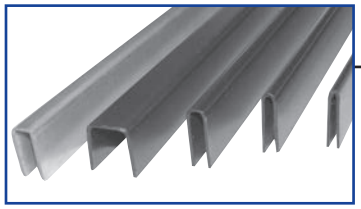
ARCHITECTURAL EXPANDED METAL

It can be adapted for use in just about any architectural metal project. You will find a wide number of styles and materials to choose from. Available in flattened or standard.



CUSTOM FABRICATED EXPANDED METAL

Stocked in various patterns and can be custom fabricated to unique shapes and sizes such as circle, rectangle, oblong, etc.



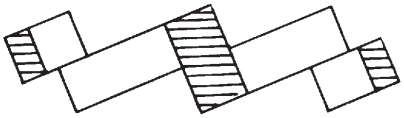
U-EDGING

An expanded metal accessory that is a u-shaped strip attached to the edge of an expanded metal sheet to make the edges more attractive and safer. Available in carbon or stainless steel, aluminum and galvanized.

EXPANDED METAL

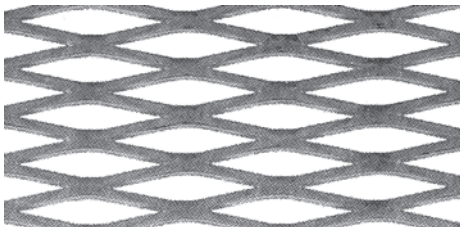
REGULAR EXPANDED METAL

Regular Expanded Metal is a finished product as it comes from the press after having been die cut and expanded. Illustration shows that the strands and bonds form a sharp angle to the original plane of the solid sheet.

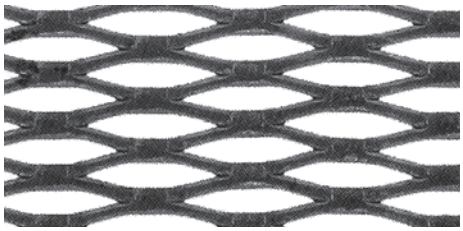


FLATTENED EXPANDED METAL

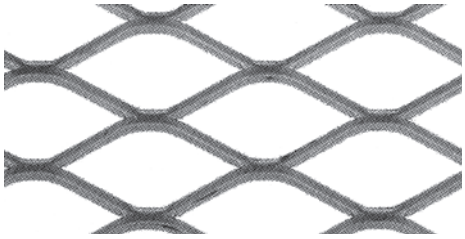
Flattened Expanded Metal is regular expanded metal which has been cold rolled leaving a flat smooth surface.



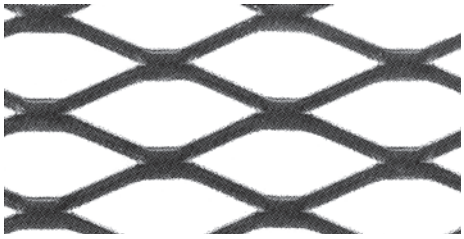
1/4" #20 Regular



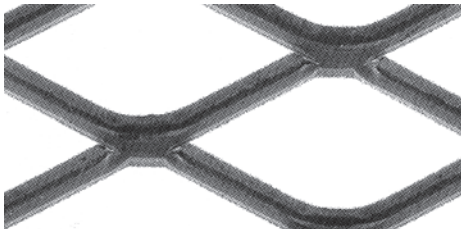
1/4" #20 Flattened



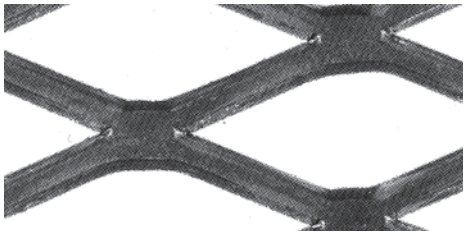
1/2" #16 Regular



1/2" #16 Flattened

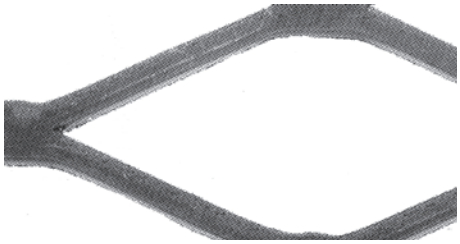


3/4" #13 Regular



3/4" #13 Flattened

1-1/2" #9 Regular



1-1/2" #9 Flattened

PATTERNS SHOWN ACTUAL SIZE

SHEARING

SIDE SHEARING

The process of cutting a piece of expanded metal parallel to the long dimension of the diamond.

Random Side Shearing - Side shearing is a cut made parallel to the LWD dimension of the sheet which usually leaves open diamonds. Flat expanded metal SWD shearing tolerance is plus or minus 1/8" when both sides are sheared.

Bond Side Shearing - This cut is made along the length of the sheet on the center line of the bond over the specified width. In most cases it is not practical to attempt to Bond Side Shear either regular or flattened expanded metal because of camber.

END SHEARING

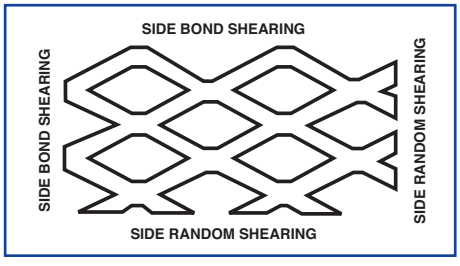
The process of cutting a piece of expanded metal parallel to the short way of the diamond.

End Random Shearing - The process of shearing a piece of expanded metal to a specified length (LWD). This cut normally leaves open diamonds at both ends but accomplishes close tolerance (plus or minus 1/8") when both ends of flat expanded metal are sheared.

End Bond Shearing - The process of shearing a piece of expanded metal to a specified length (LWD). A plus or minus 1/8" tolerance applies when both ends of flat expanded metal are sheared. One end is cut on the Bond parallel to the SWD, the other end usually has open diamonds. NOTE: When End Bond Shearing is requested for both ends of flat expanded metal, the sheet is sheared at the center line of the bond over the specified length. A tolerance minus 0 plus 1/2" diamond applies. It is possible to End Bond Shear, but extraordinary care must be exercised to maintain the squareness of the sheet.

SQUARENESS

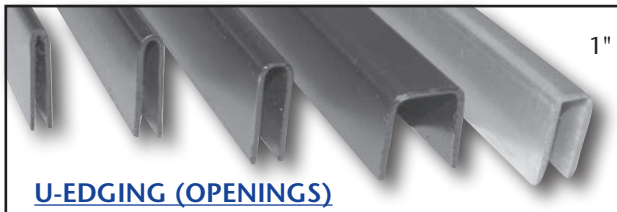
When all four sides of a sheet of expanded metal are sheared, the maximum tolerance will be plus or minus 1/16" per foot of width.



REGULAR EXPANDED METAL

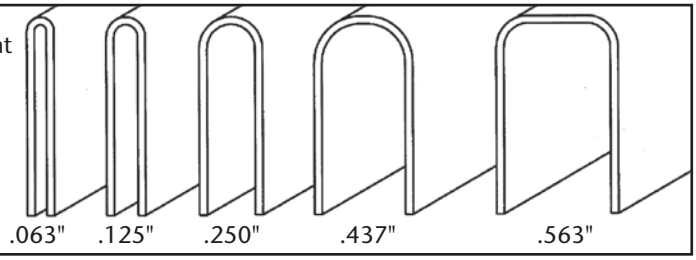
Style	Minimum Thickness (inches)[A]	Nominal Weight in Lbs. per 100 Sq. Ft.[B]	Design Size (inches)[C]		Opening Size (inches)[C]		Strand Size (inches)		Overall Thickness (inches)	No of Diamonds Per Ft.		(%) Open Area
			SWD	LWD	SWO	LWO	Width	Thickness		SWD	LWD	
STANDARD - CARBON STEEL												
1/4" - #20	.032	85	.250	1.00	.157	.718	.072	.036	.146	48	12	42
1/4" - #18	.042	113	.250	1.00	.146	.718	.072	.048	.151	48	12	42
1/2" - #20	.032	42	.500	1.20	.407	.938	.072	.036	.146	24	10	71
1/2" - #18	.042	69	.500	1.20	.382	.938	.088	.048	.180	24	10	65
1/2" - #16	.053	85	.500	1.20	.372	.938	.087	.060	.183	24	10	65
1/2" - #13	.083	141	.500	1.20	.337	.938	.096	.090	.212	24	10	62
3/4" - #16	.053	54	.923	2.00	.783	1.750	.101	.060	.208	13	6	78
3/4" - #13	.083	77	.923	2.00	.760	1.688	.096	.090	.212	13	6	79
3/4" - #10	.083	117	.923	2.00	.718	1.625	.144	.092	.300	13	6	69
3/4" - #9	.127	178	.923	2.00	.675	1.562	.150	.134	.329	13	6	67
1" - #16	.053	43	1.00	2.40	.872	2.062	.087	.060	.183	12	5	83
1-1/2" - #18	.042	20	1.33	3.00	1.229	2.625	.068	.048	.144	9	4	90
1-1/2" - #16	.053	40	1.33	3.00	1.184	2.625	.108	.060	.221	9	4	84
1-1/2" - #13	.083	58	1.33	3.00	1.160	2.500	.105	.090	.228	9	4	84
1-1/2" - #10	.083	76	1.33	3.00	1.132	2.500	.138	.090	.288	9	4	79
1-1/2" - #9	.127	119	1.33	3.00	1.087	2.375	.144	.134	.318	9	4	78
1-1/2" - #6	.184	247	1.33	3.00	.979	2.313	.203	.198	.452	9	4	69
2" - #10	.083	65	1.85	4.00	1.630	3.438	.164	.090	.335	7	3	82
2" - #9	.127	88	1.85	4.00	1.603	3.375	.149	.134	.327	7	3	84
STANDARD - STAINLESS STEEL												
1/2" - #18	.044	69	.500	1.20	.383	.937	.087	.048	.178	24	10	65
1/2" - #16	.055	87	.500	1.20	.372	.937	.087	.060	.183	24	10	65
1/2" - #13	.085	143	.500	1.20	.418	.876	.096	.090	.254	24	10	62
3/4" - #18	.044	46	.923	2.00	.790	1.750	.106	.048	.212	13	6	77
3/4" - #16	.055	57	.923	2.00	.779	1.760	.106	.060	.217	13	6	77
3/4" - #13	.085	87	.923	2.00	.751	1.687	.107	.090	.232	13	6	77
3/4" - #9	.128	194	.923	2.00	.666	1.562	.160	.135	.347	13	6	65
1-1/2" - #16	.055	43	1.33	3.00	1.179	2.750	.115	.060	.234	9	4	83
1-1/2" - #13	.085	65	1.33	3.00	1.152	2.625	.115	.090	.246	9	4	83
1-1/2" - #9	.128	130	1.33	3.00	1.077	2.500	.155	.135	.338	9	4	77
STANDARD - ALUMINUM												
1/2" - .050	.045	26	.500	1.20	.376	.937	.093	.050	.190	24	10	63
1/2" - .080	.074	43	.500	1.20	.346	.937	.096	.080	.208	24	10	62
3/4" - .050	.045	17	.923	2.00	.786	1.750	.109	.050	.219	13	6	76
3/4" - .080(Lt.)	.074	31	.923	2.00	.741	1.680	.129	.080	.268	13	6	72
3/4" -.080(Hvy.)	.074	40	.923	2.00	.711	1.680	.165	.080	.333	13	6	64
3/4" - .125	.118	64	.923	2.00	.667	1.680	.169	.125	.359	13	6	63
1-1/2" - .080	.074	22	1.33	3.00	1.149	2.500	.128	.080	.266	9	4	81
1-1/2" - .125	.118	43	1.33	3.00	1.080	2.500	.162	.125	.346	9	4	76

[A] The minimum thickness is absolute, not subject to minus variation.
[B] A variation in weight per square ft. of + or - 10% is permissible, based on the weight of any sheet or bundle.
[C] A tolerance of + or - 10% is permitted in dimensions, center-to-center.



U-EDGING (OPENINGS)

Available in carbon steel, stainless steel, aluminum and galvanized



FLATTENED EXPANDED METAL & GRATING

Style	Minimum Thickness (inches)[A]	Nominal Weight in Lbs. per 100 Sq. Ft.[B]	Design Size (inches)[C]		Opening Size (inches)[C]		Strand Size (inches)		Overall Thickness (inches)	No of Diamonds Per Ft.		(%) Open Area
			SWD	LWD	SWO	LWO	Width	Thickness		SWD	LWD	
FLATTENED - CARBON STEEL												
1/4" - #20	.026	74	.250	1.05	.092	.715	.079	.029	.029	48	11.4	37
1/4" - #18	.034	100	.250	1.05	.090	.715	.080	.038	.038	48	11.4	36
1/2" - #20	.026	37	.500	1.26	.342	1.000	.079	.029	.029	24	9.5	68
1/2" - #18	.034	61	.500	1.26	.306	1.000	.097	.038	.038	24	9.6	61
1/2" - #16	.043	77	.500	1.26	.304	1.000	.098	.048	.048	24	9.5	61
1/2" - #13	.066	126	.500	1.26	.286	1.000	.107	.072	.072	24	9.5	57
3/4" - #16	.043	47	.923	2.10	.701	1.750	.111	.048	.048	13	5.7	76
3/4" - #14	.054	56	.923	2.10	.713	1.760	.105	.060	.060	13	5.7	77
3/4" - #13	.066	67	.923	2.10	.711	1.781	.106	.072	.072	13	5.7	77
3/4" - #10	.066	102	.923	2.10	.603	1.755	.160	.072	.072	13	5.7	65
3/4" - #9	.101	157	.923	2.10	.593	1.688	.165	.108	.108	13	5.7	64
1" - #16	.043	38	1.000	2.52	.804	2.250	.098	.048	.048	12	4.8	80
1-1/2" - #16	.043	35	1.330	3.15	1.092	2.750	.119	.048	.048	9	3.8	82
1-1/2" - #14	.054	43	1.330	3.15	1.098	2.750	.116	.060	.060	9	3.8	83
1-1/2" - #13	.066	51	1.330	3.15	1.098	2.750	.116	.072	.072	9	3.8	83
1-1/2" - #9	.101	105	1.330	3.15	1.104	2.563	.158	.108	.108	9	3.8	76
FLATTENED - STAINLESS STEEL												
1/2" - #18	.037	66	.500	1.26	.304	1.000	.098	.041	.041	24	9.5	61
1/2" - #16	.047	84	.500	1.26	.302	1.000	.099	.051	.051	24	9.5	60
1/2" - #13	.072	136	.500	1.26	.236	.915	.107	.076	.076	24	9.5	57
3/4" - #18	.037	43	.923	2.10	.687	1.812	.118	.041	.041	13	5.7	74
3/4" - #16	.047	54	.923	2.10	.687	1.812	.118	.051	.051	13	5.7	74
3/4" - #13	.072	83	.923	2.10	.683	1.750	.120	.076	.076	13	5.7	74
3/4" - #9	.108	185	.923	2.10	.593	1.687	.179	.114	.114	13	5.7	61
1-1/2" - #16	.047	41	1.33	3.15	1.074	2.750	.128	.051	.051	9	3.8	81
1-1/2" - #13	.072	62	1.33	3.15	1.070	2.625	.130	.076	.076	9	3.8	80
1-1/2" - #9	.108	124	1.33	3.15	.960	2.625	.174	.114	.114	9	3.8	74
FLATTENED - ALUMINUM												
1/2" - .050	.034	22	.500	1.26	.292	1.000	.104	.038	.038	24	9.5	58
1/2" - .080	.056	35	.500	1.26	.290	1.000	.105	.060	.060	24	9.5	58
3/4" - .050	.034	14	.923	2.10	.679	1.812	.122	.038	.038	13	5.7	74
3/4" - .080(Lt.)	.056	26	.923	2.10	.637	1.750	.143	.060	.060	13	5.7	69
3/4" -.080(Hvy.)	.056	33	.923	2.10	.561	1.750	.181	.060	.060	13	5.7	61
3/4" - .125	.089	53	.923	2.10	.549	1.750	.187	.094	.094	13	5.7	59
1-1/2" - .080	.056	18	1.33	3.15	1.044	2.750	.143	.060	.060	9	3.8	78
1-1/2" - .125	.089	36	1.33	3.15	.968	2.750	.181	.094	.094	9	3.8	73

[A] The minimum thickness is absolute, not subject to minus variation.
[B] A variation in weight per square ft. of + or - 10% is permissible, based on the weight of any sheet or bundle.
[C] A tolerance of + or - 10% is permitted in dimensions, center-to-center.

Style	Nominal Weight in Lbs. per 100 Sq. Ft.[A]	Design Size (inches)[B]		Opening Size (inches)[B]		Strand Size (inches)		Overall Thickness (inches)	No of Diamonds Per Ft.		(%) Open Area
		SWD	LWD	SWO	LWO	Width	Thickness		SWD	LWD	
GRATING - CARBON STEEL											
2.0 lb.	200	1.33	5.33	1.000	3.60	.235	.135	.460	9	2.25	77
3.0 lb.	300	1.33	5.33	.940	3.44	.264	.183	.540	9	2.25	60
3.14 lb.	314	2.00	6.00	1.625	4.88	.312	.250	.656	6	2.00	69
4.00 lb.	400	1.33	5.33	.940	3.44	.300	.215	.618	9	2.25	55
4.27 lb.	427	1.41	4.00	1.000	2.88	.300	.250	.625	8.5	3.00	58
5.00 lb.	500	1.33	5.33	.813	3.38	.331	.250	.655	9	2.25	50
6.25 lb.	625	1.41	5.33	.813	3.38	.350	.312	.715	8.5	2.25	50
7.00 lb.	700	1.41	5.33	.813	3.38	.391	.318	.740	8.5	2.25	45
GRATING - STAINLESS STEEL											
3.30 lb.	332	2.00	6.00	1.625	4.88	.312	.250	.656	6	2.00	69
4.50 lb.	425	1.41	4.00	1.000	2.88	.300	.250	.625	8.5	3.00	58
GRATING - ALUMINUM											
2.00 lb.	200	1.33	5.33	.940	3.44	.387	.250	.730	9	2.25	48

[A] A variation in weight per square ft. of + or - 5% is permissible, based on the weight of any sheet or bundle.
[B] A tolerance of + or - 5% is permitted in dimensions, center-to-center.

EXPANDED METAL

COMMON APPLICATIONS FOR EXPANDED METAL

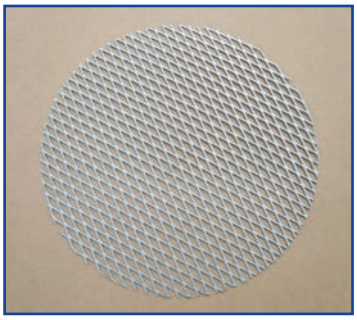
- Guards
- Grating
- Screens
- Fencing
- Stairs
- Panels
- Grills

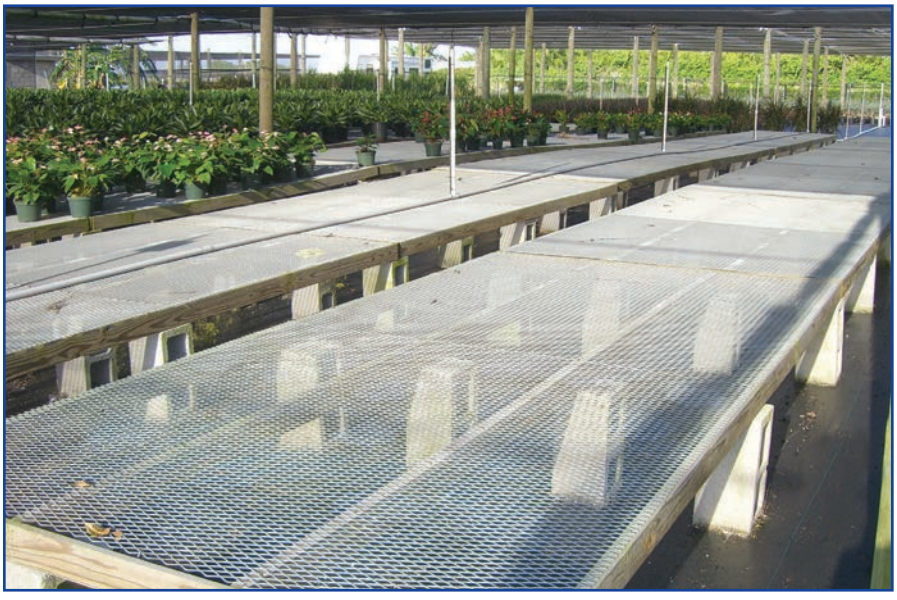
FEATURES OF EXPANDED METAL

- Economical
- Extremely Versatile
- Low Resistance to Wind Loads
- Many Material Options
- Durable
- Easy to Install
- Easily Cut to Fit

CUSTOM FABRICATED EXPANDED METAL

- Stocked in various patterns
- Fabricated to unique shapes and sizes such as a circle, rectangle, oblong, etc.
- Includes cutting, shearing, sawing, cut-outs, burning, welding, punching, drilling, slitting and burning





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