

Call TOLL Free (800) 654-4568



CARBON STEEL

- Tool Room Enclosures
- Laundry Partitions
- Lockers
- Stair Enclosures
- Baggage Partitions
- Bulkheads
- Cafeteria Enclosures
- Warehouse Enclosures
- Package Delivery
- Cages
- Post Office Partitions
- Chemical Storage
- Dog Kennels
- Electrical Equipment
- Enclosures
- Explosion Cages
- Factory Enclosures
- Mail Trucks
- Concrete Reinforcement
- Stadium Partitions
- Storage Room Enclosures

ALUMINUM

- Room Dividers
- Lawn Furniture
- Metal Cabinet Shelves
- Electric Heater Grills
- Baggage Trucks
- Air Conditioner Vents
- Filter Screens
- Air Distribution Equip.
- Door/Window Guards
- Electronic Equip. Vents
- Sound Equipment Grills
- Louvers
- Washer Heat Shields
- Portable Heater Grills
- Acoustical Panels
- Bird Screens
- Stadium Partitions
- Transportation Grills
- Amusement Equip.
- Cages

GRATING

- Aircraft Maintenance Platforms
- Billboard Walkways
- Interior/Exterior Catwalks
- Grilles - Trucks etc.
- HWY Sign Platforms
- Machinery Platforms
- Mine & Quarry Walkways
- Truck Body Floors
- Oil Refinery Walkways
- Standing Platforms
- Stair Treads
- Storeroom Floors
- Armor

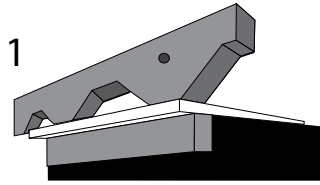
GUARDS

- Amusement Equipment
- Areaway
- Compressor
- Conveyor
- Vessel Shaft
- Drive Belt
- Electric Light
- Elevator Gate
- Elevator Top
- Fan
- Flywheel
- Gasoline Pump
- Street Lamp
- Tree & Lawn
- Gear
- Heater
- Heat Radiator
- Knitting Machine
- Machine
- Portable Heaters
- Transportation Radiators
- Railing
- Recreational Equipment
- Safety
- Skylight
- Station Platform
- Truck Exhaust

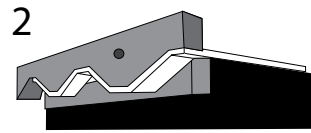
OTHER APPLICATIONS

- Antennae
- Baggage Trucks
- Clothing Dryers
- Cotton Cleaner
- Cotton Gins
- Metal Louvers
- Outdoor Signs
- Package Carts
- Reinforcing
- Scaffolding
- Television Aerials
- Toys
- Truck Tool Boxes
- Baskets / Metal Work
- Burners & Trash Bins
- Electrical Cable Troughs
- Ground Grids Electrical Plants
- Highway Dividers
- Insulation Panels
- Rodent Proofing
- Agricultural Machinery
- Cages
- Coops
- Shelves
- Guards
- Dryers
- Racks
- Pens
- Interior & Exterior Architectural Applications

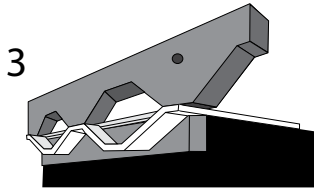
Method of Production



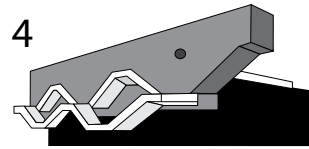
1 • Metal Advances one strand width.



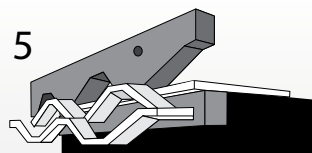
2 • Die forms one-half of design.



3 • Press opens, indexes, (slides over half diamond) and ...

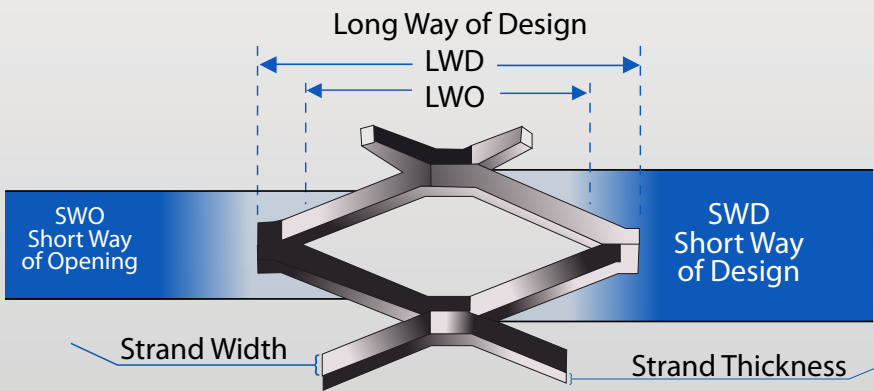


4 • ... die descends, completing.



5 • Press opens, and above steps are repeated continuously.

Terminology



STYLE DIMENSION - Nominal dimension Short Way of Design (SWD).

DESIGN SIZE - Actual dimension SWD and LWD. Measured from a point to a corresponding point on the following design.

SWD - Short Way of the design.

LWD - Long Way of the design.

SWO - Short Way of Opening.

LWO - Long Way of Opening.

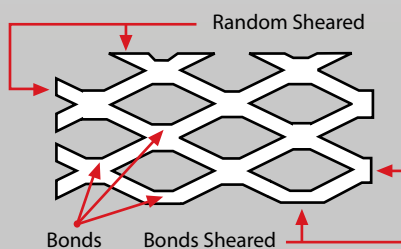
STRANDS - The sides of design.

STRAND THICKNESS - Gauge thickness of metal expanded.

STRAND WIDTH - Amount of metal fed under dies to produce one strand.

BOND - Where two strands intersect.

Shearing Tolerances



BONDED - Eliminates prongs or jagged edges.
Tolerance: $+1/2$ design / - 0

RANDOM - Leaves prongs or jagged edges.
Tolerance: $+/- 1/16''$

GRATING
Tolerance: $+/- 1/4''$

Carbon Steel - Standard

These products can be produced to EMMA 557-09 or to ASTM F-1267, if specified at order entry.

Style	Lbs. Per 100 Sq. Ft		Design Size (Inches)		Opening Size (Inches)		Strand Size (Inches)		Overall Thickness (Inches)	(% Open Area)
	Plain	Galv. wt.	SWD	LWD	SWO	LWO	Width	Thickness		
1/4" - #20	86	----	.250	1.00	.125	.718	.072	.036	.135	45
1/4" - #18	114	----	.250	1.00	.110	.718	.072	.048	.147	43
1/2" - #20	43	----	.500	1.20	.438	.938	.072	.036	.140	80
1/2" - #18	70	88	.500	1.20	.438	.938	.088	.048	.172	72
1/2" - #16	86	104	.500	1.20	.375	.938	.087	.060	.175	65
1/2" - #13	147	174	.500	1.20	.312	.938	.096	.092	.204	57
3/4" - #16	54	61	.923	2.00	.813	1.750	.101	.060	.210	78
3/4" - #13	80	94	.923	2.00	.750	1.688	.096	.092	.205	76
3/4" - #10 (13 ga.)	120	134	.923	2.00	.750	1.625	.144	.092	.290	72
1" - #16	44	51	1.00	2.40	.938	2.062	.087	.060	.192	82
1 1/2" - #18	20	----	1.33	3.00	1.313	2.625	.068	.048	.140	90
1 1/2" - #16	40	48	1.33	3.00	1.250	2.625	.108	.060	.230	85
1 1/2" - #13	60	68	1.33	3.00	1.188	2.500	.105	.092	.242	85
1 1/2" - #10 (13 ga.)	79	90	1.33	3.00	1.188	2.500	.138	.092	.284	80
2" - #10 (13 ga.)	68	81	1.85	4.00	1.625	3.438	.164	.092	.327	82

Carbon Steel - Flattened

These products can be produced to EMMA 557-09 or to ASTM F-1267, if specified at order entry.

Style	Lbs. Per 100 Sq. Ft		Design Size (Inches)		Opening Size (Inches)		Strand Size (Inches)		Overall Thickness (Inches)	(% Open Area)
	Plain	Galv. wt.	SWD	LWD	SWO	LWO	Width	Thickness		
1/4" - #20	82	----	.250	1.05	.084	.715	.079	.030	.030	35
1/4" - #18	108	----	.250	1.05	.075	.715	.080	.040	.040	35
1/2" - #20	40	51	.500	1.25	.375	1.00	.079	.029	.029	65
1/2" - #18	66	83	.500	1.25	.312	1.00	.097	.039	.039	60
1/2" - #16	82	98	.500	1.25	.312	1.00	.096	.050	.050	63
1/2" - #13	140	161	.500	1.25	.265	1.00	.107	.070	.070	52
3/4" - #16	51	57	.923	2.10	.750	1.750	.111	.048	.048	74
3/4" - #14	63	74	.923	2.10	.688	1.813	.105	.061	.061	74
3/4" - #13	75	88	.923	2.10	.688	1.781	.106	.070	.070	74
3/4" - #10 (13 ga.)	114	128	.923	2.10	.637	1.755	.160	.070	.070	68
1" - #16	41	50	1.00	2.50	.813	2.250	.098	.050	.050	78
1 1/2" - #16	38	46	1.33	3.20	1.062	2.750	.119	.048	.048	83
1 1/2" - #14	46	54	1.33	3.20	1.062	2.750	.116	.060	.060	80
1 1/2" - #13	57	66	1.33	3.20	1.062	2.750	.116	.070	.070	80



OSHA Expanded Metal Size Chart

Clearance From Moving Parts At All Points	Largest Mesh Available	Minimum Gauge or Thickness	Recommended Expanded Metal Style Number
under 4"	1/2"	#18	1/2" - #18 STD, 1/2" - #16 FLAT or STD, 1/2" - #13 FLAT or STD.
4" - 15"	2"	#13	1/2" - #13 LFAT or STD, 3/4" - #16 FLAT or STD, 1 1/2" - #9 FLAT or STD.

* Extract from Table O-12 OSHA Table of Standard Material and Dimensions. Subpart O, Machine Guarding, Paragraph 1910.219, Page 10650.



Stainless - Type 304 - Standard

These products can be produced to EMMA 557-09 or to ASTM F-1267, if specified at order entry.

Style	Lbs. Per 100 Sq. Ft	Design Size (Inches)		Opening Size (Inches)		Strand Size (Inches)		Overall Thickness (Inches)	(% Open Area)
		SWD	LWD	SWO	LWO	Width	Thickness		
1/2" - #18	73	.500	1.20	.437	.937	.087	.050	.164	70
1/2" - #16	91	.500	1.20	.437	.937	.087	.062	.164	70
1/2" - #13	187	.500	1.20	.325	.875	.119	.093	.225	70
3/4" - #18	48	.923	2.00	.812	1.750	.106	.050	.202	85
3/4" - #16	60	.923	2.00	.812	1.750	.106	.062	.202	83
3/4" - #13	91	.923	2.00	.750	1.687	.107	.093	.202	80
1 1/2" - #16	45	1.33	3.00	1.250	2.750	.115	.062	.222	85
1 1/2" - #13	68	1.33	3.00	1.250	2.625	.115	.093	.222	83
1 1/2" - #10 (13 ga.)	137	1.33	3.00	1.250	2.500	.155	.140	.280	77

Stainless - Type 304 - Flattened

These products can be produced to EMMA 557-09 or to ASTM F-1267, if specified at order entry.

1/2" - #18	69	.500	1.26	.312	1.0	.098	.040	.040	60
1/2" - #16	86	.500	1.26	.312	1.0	.099	.050	.050	60
1/2" - #13	178	.500	1.26	.240	.915	.132	.080	.080	57
3/4" - #18	46	.923	2.10	.750	1.812	.118	.040	.040	75
3/4" - #16	57	.923	2.10	.750	1.812	.118	.050	.050	75
3/4" - #13	86	.923	2.10	.625	1.750	.120	.070	.070	75
1 1/2" - #16	43	1.33	3.15	1.062	2.750	.128	.050	.050	80
1 1/2" - #13	65	1.33	3.15	1.000	2.625	.130	.079	.079	80



The Expanded Metal Manufacturers Association (EMMA) is a Division of NAAMM, the National Association of Architectural Metal Manufacturers. EMMA is comprised of manufacturers of expanded metal and expanded grating with production facilities in North America and produce mesh sizes from foil thicknesses up to .250" (6.500 mm) thick.

EMMA 557-09 is the standard developed by the group to fill the void left by the absence of a MIL (military) specification. More recently, members of EMMA were part of an ASTM (American Society of Testing Materials) Task Group charged with updating ASTM F-1267, which was completed in the summer of 2007.

As a member of EMMA, Expanded Solutions L.L.C. is able to directly impact our industry. Expanded Solutions believes that we are helping to make this industry more customer-friendly and make our customers more knowledgeable about our products.

Aluminum - Type 3003 - H14 - Standard									
Style	Lbs. Per 100 Sq. Ft	Design Size (Inches)		Opening Size (Inches)		Strand Size (Inches)		Overall Thickness (Inches)	(% Open Area)
		SWD	LWD	SWO	LWO	Width	Thickness		
1/2" - .050	27	.500	1.20	.375	.937	.093	.050	.158	65
1/2" - .080	44	.500	1.20	.375	.937	.096	.080	.186	60
3/4" - .050	17	.923	2.00	.812	1.75	.109	.050	.200	78
3/4" - .080 (Lt.)	32	.923	2.00	.750	1.68	.129	.080	.220	76
3/4" - .080 (Hvy.)	41	.923	2.00	.750	1.68	.165	.080	.300	69
3/4" - .125	65	.923	2.00	.687	1.68	.169	.125	.305	68
1 1/2" - .081	22	1.33	3.00	1.187	2.50	.128	.080	.240	85
1 1/2" - .125	43	1.33	3.00	1.187	2.50	.162	.125	.300	79

Aluminum - Type 3003 - H14 - Flattened									
Style	Lbs. Per 100 Sq. Ft	Design Size (Inches)		Opening Size (Inches)		Strand Size (Inches)		Overall Thickness (Inches)	(% Open Area)
		SWD	LWD	SWO	LWO	Width	Thickness		
1/2" - .050	26	.500	1.27	.312	1.00	.104	.040	.040	61
1/2" - .080	42	.500	1.27	.312	1.00	.105	.060	.060	58
3/4" - .050	16	.923	2.125	.750	1.812	.122	.040	.040	72
3/4" - .080 (Lt.)	30	.923	2.125	.687	1.75	.143	.070	.070	70
3/4" - .080 (Hvy.)	39	.923	2.125	.687	1.75	.181	.070	.070	63
3/4" - .125	62	.923	2.125	.625	1.75	.187	.095	.095	62
1 1/2" - .080	21	1.33	3.15	1.062	2.75	.143	.055	.055	77
1 1/2" - .125	41	1.33	3.15	1.000	2.75	.181	.080	.080	70

Grating Data - Carbon Steel

These products can be produced to EMMA 557-09 or to ASTM F-1267, if specified at order entry.

Style	Lbs. Per Sq. Ft	Design Size (Inches)		Opening Size (Inches)		Strand Size (Inches)		Overall Thickness (Inches)	(% Open Area)
		SWD	LWD	SWO	LWO	Width	Thickness		
3.0 lb.	3.0	1.33	5.33	.940	3.44	.235	.183	.540	60
3.14 lb.	3.14	2.00	6.00	1.625	4.88	.264	.250	.656	69
4.0 lb.	4.0	1.33	5.33	.940	3.44	.312	.215	.618	55
4.27 lb.	4.27	1.41	4.00	1.00	2.88	.300	.250	.625	58
5.0 lb.	5.0	1.33	5.33	.813	3.38	.300	.250	.655	50

Aluminum - Type 5052-H-32

2.0 lb.	2.0	1.33	5.33	.940	3.44	.387	.250	.730	48
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Concentrated & Uniform Load Deflection Tables/Fixed Span

		CARBON STEEL STYLE (LBS. PER SQ. FT.)										ALUMINUM	
		3#		3.14#		4#		4.27#		5#		2#	
		LOAD	D	LOAD	D	LOAD	D	LOAD	D	LOAD	D	LOAD	D
24" Span	U	275	.250	375	.250	350	.240	500	.245	600	.240		
	C	275	.250	375	.250	440	.250	400	.250	540	.245	250	.250
36" Span	U	100	.220	150	.240	150	.245	165	.245	175	.240		
	C	165	.250	155	.250	220	.250	225	.240	310	.250	100	.250
48" Span	U			50	.250	50	.250	60	.250	100	.250		
	C	75	.250	75	.250	100	.250	100	.250	140	.250	50	.250

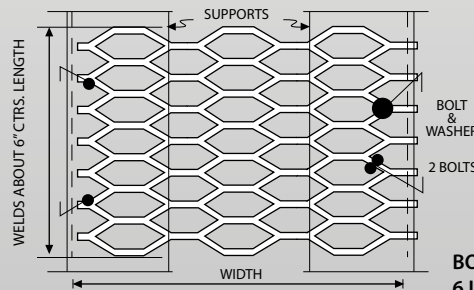
U=Uniform Load in Lbs. Per Sq. Ft. • **C**=Concentrated Load in Lbs. Per Sq. Ft. • **D**=Deflection in inches

- Grating is the most economical industrial walking surface you can install in your plant.
- Walking surface is anti-skid, providing safe foothold.
- The open design: allows effective sprinkler coverage for fire protection; prevents dirt, grease or snow accumulation; it enables visual "see through" area inspection; lowers maintenance costs.
- Expanded Solutions grating costs less than bar-type or sheet metal grating and is easier to install in new or replacement applications.

Selection Chart (Carbon Steel)

Concentrated Load (Lbs. Per Foot of Length of Catwalk or Platform)	CLEAR SPAN (Distance between supports, measured from the inside edge of one support to the inside edge of the next support.)							
	23"	30"	35"	42"	47"	54"	60"	
50 Lbs. Light or occasional pedestrian traffic	3.0	3.0	3.0	3.0	3.0	4.0	5.0	
	3.14	3.14	3.14	3.14	3.14	4.27		
100 Lbs. Normal or frequent pedestrian traffic	3.0	3.0	3.0	4.0	5.0			
	3.14	3.14	3.14	3.14	3.14			
150 Lbs. Heavy or constant pedestrian traffic	3.0	4.0	4.0	5.0				
	3.14	4.27	4.27					
200 Lbs. Pedestrian traffic with light equipment	3.0	4.0	4.27					
	3.14	4.27	5.0					
250 Lbs.	4.0	5.0	5.0					
	4.27							
300 Lbs.	4.0	5.0						
	4.27							
350 Lbs.	4.0							
	4.27							

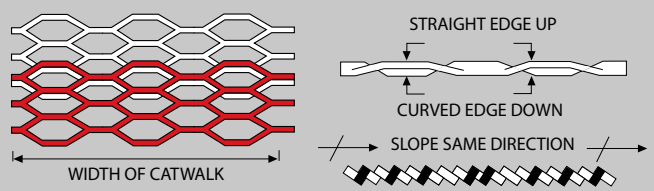
The concentrated load deflections for this chart do not exceed the 1/4" maximum Specification RR-G-661B and the generally accepted recommendation for normal pedestrian comfort.



INSTALLATION PROCEDURES
For maximum load, position long way of design parallel to the clear span. LWD must be installed parallel to span. Butt or overlap one half of design. No increase in overall thickness.

BOLT OR WELD EVERY 6 INCHES OR EVERY FOURTH DESIGN TO RIGID SUPPORTS.

Install with straight edge up (top-straight edge, bottom-rounded edge). Bonds of adjoining should shape in same direction and align with adjoining pieces.



Steel - Mini

Style	Lbs. Per 100 Sq. Ft	Design Size (Inches)		Strand Size (Inches)		Open Area %
		SWD	LWD	Width	Thickness	
3/32" 24 ga. STD.	89	.135	.240	.029	.024	11%
3/32" 24 ga. FLAT	85	.150	.240	.032	.020	5%
1/8" 24 ga. STD.	41	.140	.280	.029	.024	59%
1/8" 24 ga. FLAT	39	.150	.280	.032	.020	57%
1/8" - 300 - 24 ga. STD.	52	.140	.300	.029	.024	59%
1/8" - 300 - 24 ga. FLAT	49	.155	.300	.032	.020	56%
3/16" K 24 ga. STD.	42	.165	.400	.035	.024	58%
3/16" K 24 ga. FLAT	40	.170	.400	.037	.028	56%
3/16" K 22 ga. STD.	61	.165	.400	.040	.030	52%
3/16" K 22 ga. FLAT	58	.170	.400	.043	.032	49%
3/16" 22 ga. STD.	40	.230	.500	.037	.030	68%
3/16" 22 ga. FLAT	38	.260	.500	.038	.030	71%
3/16" 24 ga. STD.	31	.230	.500	.036	.024	69%
3/16" 24 ga. FLAT	30	.260	.500	.037	.024	72%
1/4" - Hex 24 ga. STD.	32	.220	.400	.035	.024	68%
1/4" - Hex 24 ga. FLAT	29	.230	.400	.037	.024	68%
1/4" - Hex 22 ga. STD.	51	.220	.400	.045	.030	59%
1/4" - Hex 22 ga. FLAT	48	.230	.400	.046	.032	60%
3/16" Round 24 ga. STD.	33	.270	.600	.045	.024	67%
3/16" Round 24 ga. FLAT	31	.275	.600	.046	.026	67%
3/16" Round 22 ga. STD.	46	.270	.600	.050	.030	63%
3/16" Round 22 ga. FLAT	44	.278	.600	.053	.032	62%
5/16" 22 ga. STD.	29	.315	.625	.036	.030	77%
5/16" 22 ga. FLAT	27	.350	.625	.037	.026	77%
5/16" 24 ga. STD.	23	.315	.625	.036	.024	77%
5/16" 24 ga. FLAT	22	.350	.625	.037	.020	79%
3/8" 22 ga. STD.	36	.350	.800	.050	.030	71%
3/8" 22 ga. FLAT	34	.400	.800	.055	.026	73%
3/8" 24 ga. STD.	29	.350	.800	.050	.024	71%
3/8" 24 ga. FLAT	27	.400	.800	.055	.020	73%
5/8" 18 ga. STD.	48	.630	1.575	.075	.040	76%
5/8" 18 ga. FLAT	45	.695	1.575	.080	.048	72%

*ALSO AVAILABLE IN STAINLESS, COPPER AND OTHER MATERIALS. PLEASE CALL FOR SPECS.

Aluminum - Mini

Style	Lbs. Per 100 Sq. Ft	Design Size (Inches)		Strand Size (Inches)		Open Area %
		SWD	LWD	Width	Thickness	
1/8" - .032 STD.	22.80	.140	.280	.035	.050	50%
1/8" - .032 FLAT	21.66	.150	.280	.033	.045	32%
1/8" - .040 STD.	36.64	.140	.280	.045	.050	59%
1/8" - .040 FLAT	34.80	.148	.280	.047	.045	50%
3/16" - K .032 STD.	18.23	.175	.400	.035	.050	75%
3/16" - K .032 FLAT	17.31	.180	.400	.035	.045	32%
3/16" - K .040 STD.	29.31	.175	.400	.045	.050	82%
3/16" - K .040 FLAT	27.84	.180	.400	.047	.045	50%
3/16" - .032 STD.	14.06	.235	.500	.035	.050	70%
3/16" - .032 FLAT	13.57	.270	.500	.036	.045	30%
3/16" - .040 STD.	17.57	.240	.500	.037	.050	75%
3/16" - .040 FLAT	16.69	.246	.500	.050	.045	35%
1/4" - Hex .032 STD.	14.50	.220	.400	.035	.050	75%
1/4" - Hex .032 FLAT	13.63	.230	.400	.037	.045	32%
1/4" - Hex .050 STD.	21.76	.220	.400	.042	.050	83%
1/4" - Hex .050 FLAT	20.45	.230	.400	.044	.045	50%

Call TOLL Free (800) 654-4568



Steel - Sun Shade

Style	Lbs. Per Sq. Ft	Design Size (Inches)		Opening Size (Inches)		Strand Size (Inches)		Overall Thickness (Inches)
		SWD	LWD	SWO	LWO	Width	Thickness	
1/2" - 20	.990	.600	1.20	.406	.937	.200	.036	.214
1/2" - 18	1.350	.600	1.20	.375	.937	.200	.048	.214
1/2" - 16	1.650	.600	1.20	.375	.937	.200	.060	.214
1 1/2" - 20 Lt.	1.12	1.260	3.00	.687	2.375	.500	.036	.500
1 1/2" - 20 Hvy.	1.36	1.470	3.00	.625	2.375	.630	.036	.625
1 1/2" - 16 Lt.	1.84	1.350	3.00	.750	2.375	.500	.060	.625
1 1/2" - 16 Hvy.	2.27	1.480	3.00	.578	2.375	.630	.060	.750

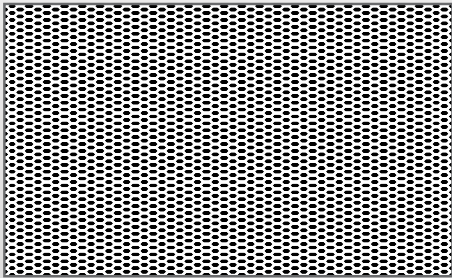
Aluminum - Sun Shade

Style	Lbs. Per Sq. Ft	Design Size (Inches)		Opening Size (Inches)		Strand Size (Inches)		Overall Thickness (Inches)
		SWD	LWD	SWO	LWO	Width	Thickness	
5/16" - .040 STD.	.380	.280	.600	.120	.489	.100	.040	.103
1/2" - .050	.480	.600	1.200	.375	.938	.200	.050	.219
1/2" - .080	.770	.600	1.200	.375	.938	.200	.080	.219
1 1/2" - .050 Lt.	.580	1.260	3.00	.563	2.125	.500	.050	.500
1 1/2" - .050 Hvy.	.650	1.470	3.00	.625	2.125	.675	.050	.675
1 1/2" - .080 Lt.	.880	1.300	3.00	.563	2.125	.500	.080	.625
1 1/2" - .080 Hvy.	1.050	1.500	3.00	.531	2.125	.675	.080	.750

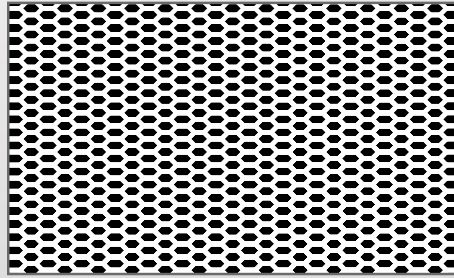
Micro Mesh

Style	Lbs. Per Sq. Ft	Design Size (Inches)		Opening Size (Inches)		Strand Size (Inches)		Overall Thickness (Inches)
		SWD	LWD	SWO	LWO	Width	Thickness	
AEM - 101	.066	.042	.077	.034	.062	.005	.010	.005
AEM - 102	.330	.084	.187	.075	.140	.005	.010	.005
AEM - 103	.1587	.140	.225	.090	.160	.025	.050	.005

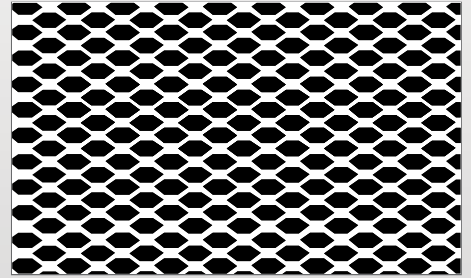
Call TOLL Free (800) 654-4568



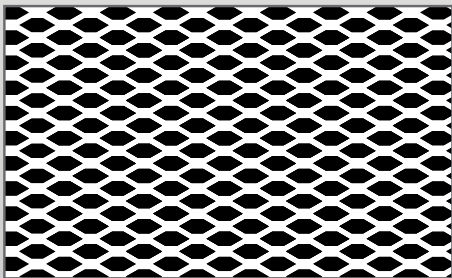
AEM #101



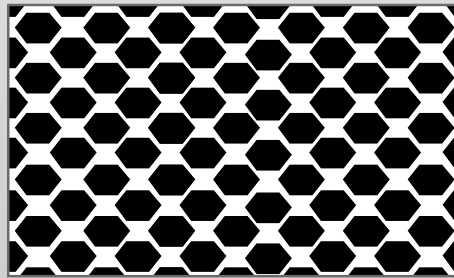
AEM #102



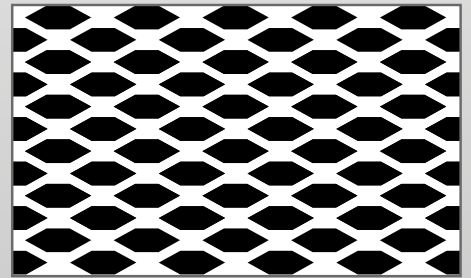
AEM #103



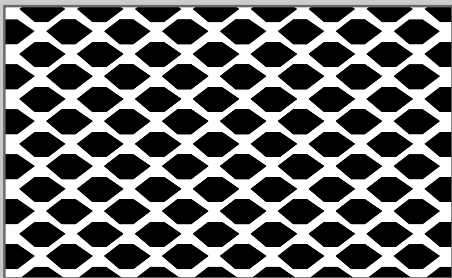
1/8"



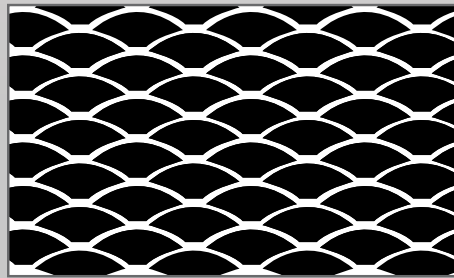
1/4" HEX



3/16"

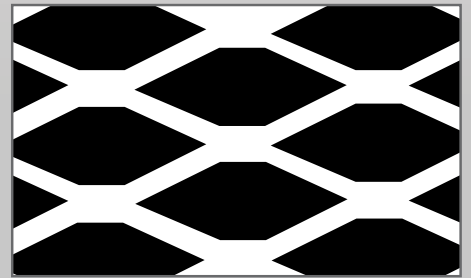


3/16" K

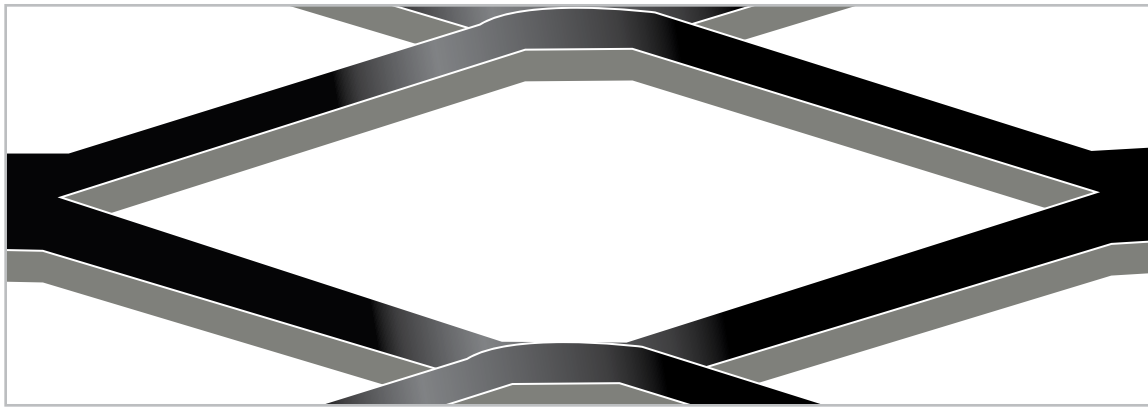


3/16" ROUND

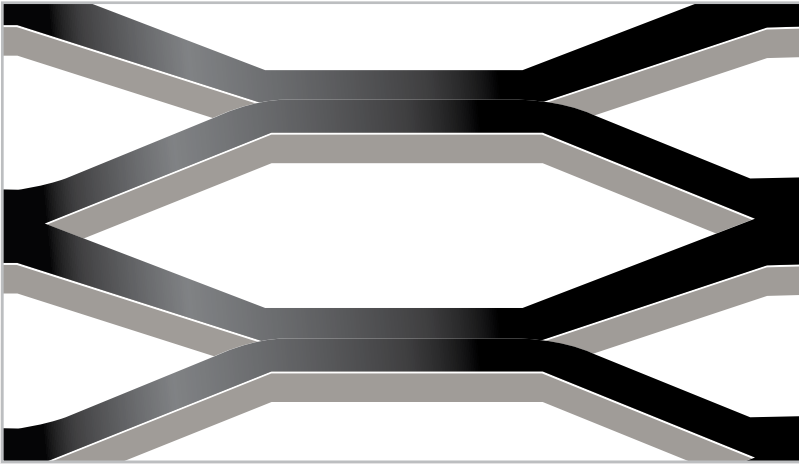
Call TOLL Free (800) 654-4568



5/8"



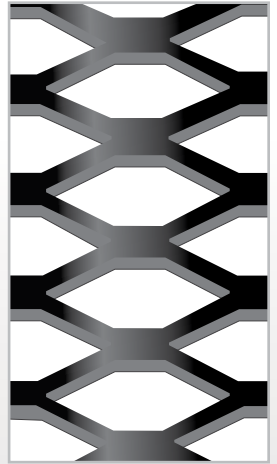
3.14 Grating



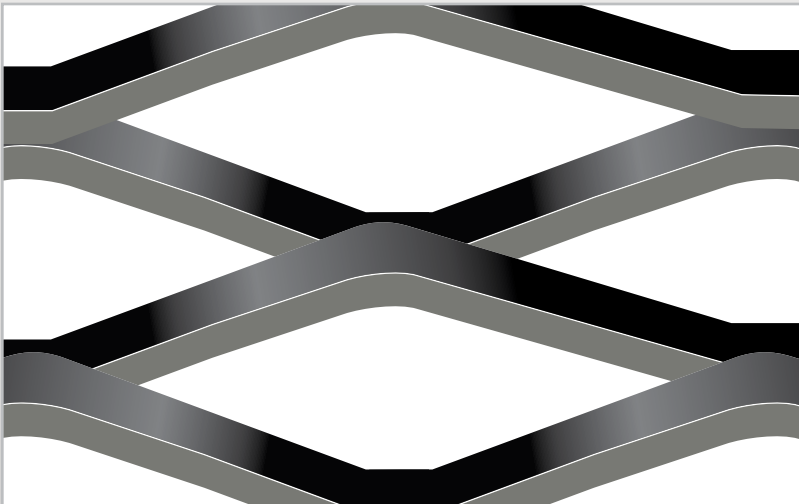
4.0 Grating



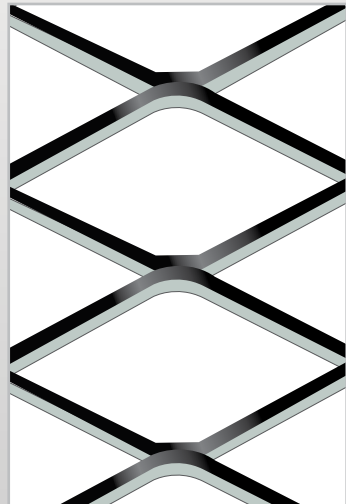
3/4" #9 SXM



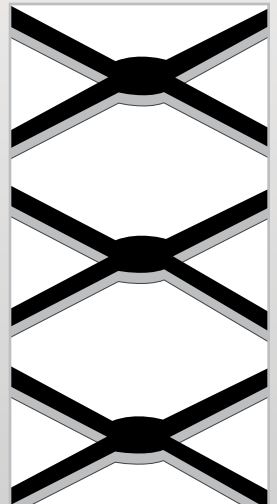
1/2" #16 FXM



4.27 Grating



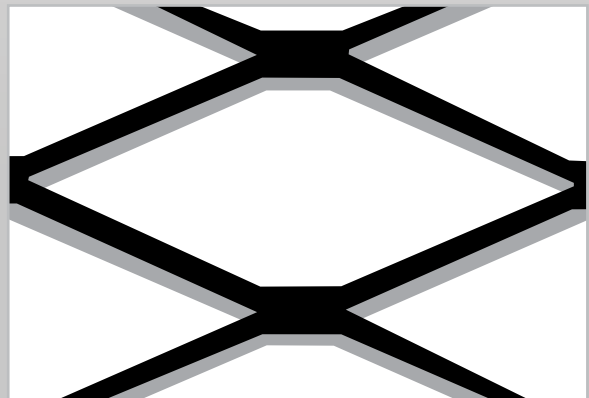
3/4" #13 SXM



3/4" #13 FXM



1 1/2" #9 SXM



1 1/2" #9 FXM

Expanded Solutions LLC, formed in December, 2002 with the purchase of Acker Industries, is continuing the tradition of excellence established by Eric O. Acker when he founded the company in 1956. For nearly 50 years our company has been providing quality expanded metals, security mesh, mini-mesh and expanded grating from our two Oklahoma locations in the geographic center of the United States.

Expanded Solutions' small mesh plant is in our Oklahoma City headquarters. Here we produce filter mesh up to 16 ga galvanized, industrial diamond mesh up to 13 ga carbon, and architectural products up to .081 aluminum and copper alloys. Additionally, our fine mesh production is here where we produce copper, nickel, silver and zinc down to .003" thick.

Our large mesh plant is located in Wewoka, OK about 80 miles east of Oklahoma City. Grating and catwalk is produced here from steel plate as thick as .312" Conventional or industrial mesh is also produced here in sheets up to 12 feet long. Wewoka is located in a historically under utilized business zone and Expanded Solutions is HUBZone certified.

Further processing is done at both locations and this includes shearing to size, slitting and some forming operations. Additional processing can be accomodated through outside contractors.

All our products can be provided with special finishes such as hot dipped galvanizing, anodizing, powder coating and plasticizing dipping again through outside suppliers.

Expanded Solutions is a minority, woman owned business, is certified 8(a) as a small disadvantaged business and is HUBZone certified.

Located in Oklahoma City at the crossroads of America, Expanded Solutions is geographically situated to serve most of the U.S. While we are a small company, we have one of the widest ranges of available products in the industry. Though small enough to provide flexibility to our customers, Expanded Solutions is large enough to be your main supplier of quality expanded metal products.

We hope we can be of service to you and help you grow your business.



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