

EXPANDED METAL GRATING TYPE 304 STAINLESS STEEL SPEC SHEET

Style	Lbs. Per 100 Sq. Ft.		Standard Sheet Size (Feet)		Design Size (Inches)		Opening Size (Inches)		Strand Size (Inches)		Overall Thickness	No. of Designs Per Sq. Ft.		% Open Area
	Plain		Width SWD	Length LWD	SWD	LWD	SWO	LWO	Width	Thickness Gauge		SWD	LWD	
3.3 lbs	3.3		4	10	2.00	6.00	1.625	4.88	0.312	0.250	0.656	6	2	69
4.5 lbs	4.5		4	10	1.41	4.00	1.000	2.88	0.300	0.250	0.625	8.5	3	58

CARBON STEEL CATWALK

Style	Lbs. Per 100 sq. ft.		Standard Sheet		Design Size (Inches)		Opening Size		Strand Size (Inches)		Overall Thick-ness	No. of Designs Per		% Open Area
	Plain	Galv. Wt.	Width SWD	Length LWD	SWD	LWD	SWO	LWO	Width	Thickness Gauge		SWD	LWD	
2.0 lbs	2.00	2.10	*	*	1.25	5.33	1.000	3.600	0.230	0.135	0.460	10	2.25	77
3.0 lbs	3.00	3.15	10	**	1.33	5.33	0.940	3.440	0.264	0.183	0.540	9	2.25	60
3.14 lbs	3.14	3.30	10	**	2.00	6.00	1.625	4.880	0.312	0.250	0.656	6	2	69
4.0 lbs	4.00	4.18	10	**	1.33	5.33	0.940	3.440	0.300	0.215	0.618	9	2.25	55
4.27 lbs	4.27	4.46	10	**	1.41	4.00	1.000	2.880	0.300	0.250	0.625	8.5	3	58
5.0 lbs	5.00	5.20	10	**	1.33	5.33	0.813	3.380	0.331	0.250	0.655	9	2.25	50

Catwalk LWD stock in 2', 2.5', 3', 6', 7.5', 8' Lengths.

Carbon Steel Catwalk and Structural Gratings meet all requirements of military specifications MIL-M-17194D (Metals, Expanded, Steel) and MIL-G-18015 (Ships) (Grating, Metal, other than Bar Type) and the deflection requirements of Federal Specification RR-G-661B.

*Denotes special order only.

CARBON STEEL GRATING

Style	Lbs. Per 100 sq. ft.		Standard Sheet Size Feet		Design Size (Inches)		Opening Size (Inches)		Strand Size (Inches)		Overall Thickness	No. of Designs Per Sq. Ft.		% Open Area
	Plain	(1) Galv. Wt.	Width SWD	Length LWD	SWD	LWD	SWO	LWO	Width	Thickness Gauge		SWD	LWD	
2.00 lbs	2.00	2.10	*	*	1.25	5.33	1.000	3.600	0.230	0.135	0.460	10	2.25	77
3.00 lbs	3.00	3.15	4,6	8,10,12	1.33	5.33	0.940	3.440	0.264	0.183	0.540	9	2.25	60
3.14 lbs	3.14	3.30	4,6	8,10	2.00	6.00	1.625	4.880	0.312	0.250	0.656	6	2	69
4.00 lbs	4.00	4.18	4,5,6	8,10	1.33	5.33	0.940	3.440	0.300	0.215	0.618	9	2.25	55
4.27 lbs	4.27	4.46	4,6	8,10	1.41	4.00	1.000	2.880	0.300	0.250	0.625	8.5	3	58
5.00 lbs	5.00	5.20	4,5,6	8,10	1.33	5.33	0.813	3.380	0.331	0.250	0.655	9	2.25	50
6.25 lbs	6.25	6.47	4,6	8,12	1.41	5.33	0.813	3.380	0.350	0.312	0.715	8.5	2.25	50
7.00 lbs	7.00	7.25	4	8	1.41	5.33	0.813	3.380	0.391	0.312	0.740	8.5	2.25	45

Carbon Steel Catwalk and Structural Gratings meet all requirements of military specifications MIL-M-17194D (Metals, Expanded, Steel) and MIL-G-18015 (Ships) (Grating, Metal, other than Bar Type) and the deflection requirements of Federal Specification RR-G-661B.

*Denotes special order only.

(1) Hot Dip galvanizing does not always produce a smooth and even coating.

EXPANDED METAL GRATING ALUMINUM 5052 H32 SPEC SHEET

Style	Lbs. Per 100 Sq. Ft.		Standard Sheet Size		Design Size (Inches)		Opening Size		Strand Size (Inches)		Overall Thick-ness	No. of Designs Per		% Open Area
	Plain		Width SWD	Length LWD	SWD	LWD	SWO	LWO	Width	Thickness Gauge		SWD	LWD	
2.0 lbs	2		4, 5	8, 10, 12	1.33	5.33	0.940	3.44	0.387	0.250	0.73	9	2.25	48

CATWALK GRATING SELECTION CHART

CONCENTRATED LOAD (Lb. 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	3.00 3.14	3.00 3.14	3.00 3.14	3.00 3.14	3.00 3.14	4.00 4.27
100 lbs. Normal or Frequent Pedestrian Traffic	3.00 3.14	3.00 3.14	3.00 3.14	4.00 4.27	5.00 6.25	7.00	7.00
150 lbs. Heavy or Constant Pedestrian Traffic	3.00 3.14	4.00 4.27	4.00 4.27	5.00 6.25	6.25	7.00	
200 lbs. Pedestrian Traffic with Light Equipment	3.00 3.14	4.00 4.27	4.27 5.00	6.25	7.00	7.00	
250 lbs	4.00 4.27	5.00	5.00 6.25	7.00			
300 lbs	4.00 4.27	5.00 6.25	6.25				
350 lbs	4.00 4.27	6.25	7.00				

The concentrated load deflections for the above selection chart do not exceed the 1/4" maximum deflection, and the generally accepted recommendation for normal pedestrian comfort.