

Floor Plate provides tremendous advantages in various applications including:

- Provides years of added wear
- Limits fire to the source
- Contains spills without surface penetration
- Easy cleaning, no pockets for dirt/grease accumulation
- Attractive appearance, raised pattern will camouflage scrapes and dents

Material: Carbon

- Thickness: 16 ga., 14 ga., 12 ga., 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 3/4", 7/8", 1"
- Widths: 36", 48", 60", 72" (width availability varies with choice of thickness)
- Lengths: 96", 120", 144", 240" (length availability varies with choice of thickness)

Material: Aluminum

- Thickness: .100", .125", .1875", .188", .250", .3125", .375", .4375", .500", .625"
- Widths: 36", 48", 60", 72" (width availability varies with choice of thickness)
- Lengths: 92", 96", 120", 144", 180", 192" (length availability varies with choice of thickness)

Material: Stainless Steel

- Thickness: 1/8", 3/16", 1/4", 3/8"
- Widths: 36", 48", 60" (width availability varies with choice of thickness)
- Lengths: 96", 120", 144", 240", 288" (length availability varies with choice of thickness)

Common Applications

- Machinery Platforms •Loading Docks •Boat Docks
- Stairways •Truck Beds •Ramps •Work Platforms

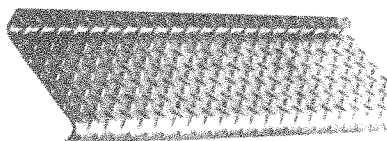
Stair Treads

Standard Sizes*:

- Thickness: 3/16", 1/4"
- Widths: 9", 10", 11", 12"
- Lengths: 2', 2-1/2', 3'

(Includes 1" Nosing and 1" Riser)

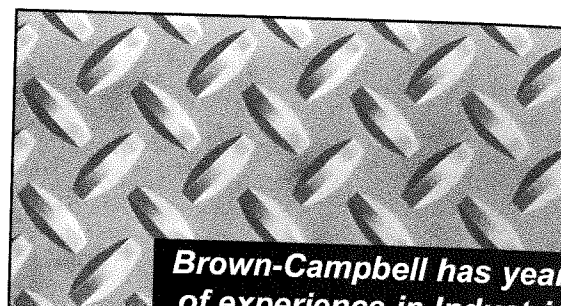
*Special tread sizes available, please inquire



Treads are formed, painted, galvanized or furnished plain per your requirements.

Approximate Weight per Sq Ft

Carbon Steel				Aluminum		Stainless Steel	
Thickness	lbs	Thickness	lbs	Thickness	lbs	Thickness	lbs
16 ga.	3.0	5/8"	26.6	.100"	1.6	1/8"	6.2
14 ga.	3.8	3/4"	31.7	.125"	2.0	3/16"	8.7
12 ga.	5.3	1"	41.9	.1875"	2.8	1/4"	11.3
1/8"	6.2	Call Brown-Campbell today for all of your Floor Plate needs: 1-800-GRATING		.188"	3.0	3/8"	16.4
3/16"	8.7			.250"	3.9		
1/4"	11.3			.3125"	4.6		
5/16"	13.8			.375"	5.6		
3/8"	16.4			.4375"	6.3		
7/16"	18.9			.500"	7.2		
1/2"	21.5			.625"	9.0		



Brown-Campbell has years of experience in Industrial Flooring products. Let us use our expertise to help you fulfill your Industrial Flooring needs.

Floor Plate

Load Table

Gauge (in)	Clear Span								
	1'-6"	2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	6'-0"
3/16	333	188	120	84	61	47			
1/4	593	333	213	148	109	83	66	53	
5/16	925	520	333	232	170	130	103	83	58
3/8	1335	750	480	333	245	188	148	120	84
7/16	1810	1020	655	453	333	255	204	164	113
1/2	2370	1330	852	592	435	333	264	213	148
9/16	3000	1690	1080	750	550	423	333	270	187
5/8	3700	2080	1330	925	680	520	411	333	232
3/4	5340	3000	1920	1330	980	750	593	480	333
7/8	7258	4088	2613	1815	1333	1022	807	653	454
1	9481	5333	3413	2370	1741	1333	1053	853	593
Deflection Coefficient	.037	.066	.104	.149	.203	.265	.335	.414	.596

-Uniform loads above in lbs per sq ft. Thickness of plate is through body, does not include projections; Loads include weight of plates.
-f = 16,000 psi
-The safe uniform load above the heavy line will exceed the deflection 1/100th of the span
-Deflection in inches with maximum safe uniform load = deflection coefficient divided by thickness of plate in inches
-Deflection in inches with any uniform load within the elastic limit = deflection coefficient times actual load per sq ft all divided by maximum safe load per sq ft times the plate thickness.

