

Pultruded Fiberglass Grating

DURADEK®

SHAPES, SIZES AND AVAILABILITY

SERIES	BEARING BAR THICKNESS	NO. BARS PER FT. WIDTH	BEARING BAR CENTER	OPEN SPACE	OPEN AREA	APPROX. WEIGHT PER FT ²	CROSS-SECTIONAL AREA (PER FT. OF WIDTH)	MOMENT OF INERTIA (PER FT. OF WIDTH)	SECTION MODULUS (PER FT. OF WIDTH)
I-6500	1.0"	7	1.71"	1.11"	65%	2.2 lb	2.190 in ²	0.288 in ⁴	0.575 in ³
I-6500	1.5"	7	1.71"	1.11"	65%	2.7 lb	2.752 in ²	0.814 in ⁴	1.088 in ³
T-5800	2.0"	5	2.40"	1.40"	58%	2.6 lb	2.711 in ²	1.396 in ⁴	top: 1.588 in ³ bottom: 1.247 in ³

How to Specify DURADEK®

Fiberglass grating shall be DURADEK® Series (I-6500 1") (I-6500 1-1/2") (T-5800 2") as manufactured by Strongwell. Grating shall be pultruded and assembled in the U.S.A. Resin shall be fire retardant (polyester) (vinyl ester) meeting the requirements of a Class 1 rating of 25 or less per ASTM E-84 and the self-extinguishing requirements of ASTM D-635. Color shall be (light gray) (yellow). Resin shall be UV inhibited and the composite shall include a veil on all exposed surfaces. Panels shall be assembled into the sizes ordered using a 3-piece pultruded cross-rod system.

The cross-rods shall consist of a center core wedge and two spacer bars that are notched at each bearing bar so that each bearing bar is both mechanically locked and chemically bonded to the web of each bearing bar. The spacer bars shall be continually bonded to the center core wedge. The cross-rods shall be spaced a maximum of 8" in the panel. The top of the panels shall be covered with a bonded epoxy medium grit anti-skid surface.

NOTE: If special options are required that are not stated in the above specification, fill in your special requirement in the appropriate section.

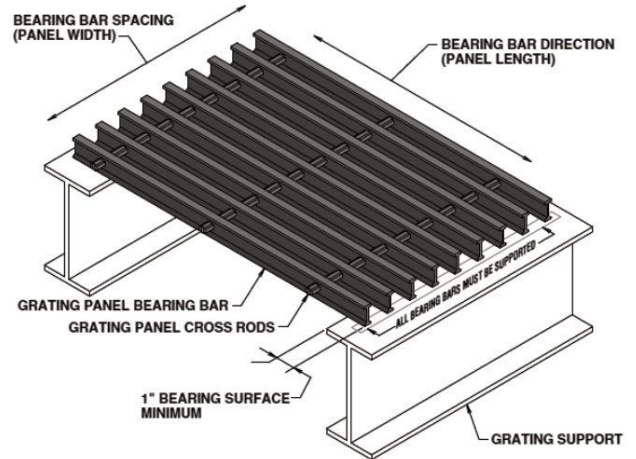
How to Order

When ordering DURADEK®, ensure the bearing bars for installation will be oriented in the correct direction for the application. Bearing bars shall traverse from support to support. Cross-rods are not intended to be applied in the span direction. The adjacent drawing will help specify the width and length of panels.

NOTE: Width is the measurement from end to end of the cross-rods. Length is always the bearing bar length.

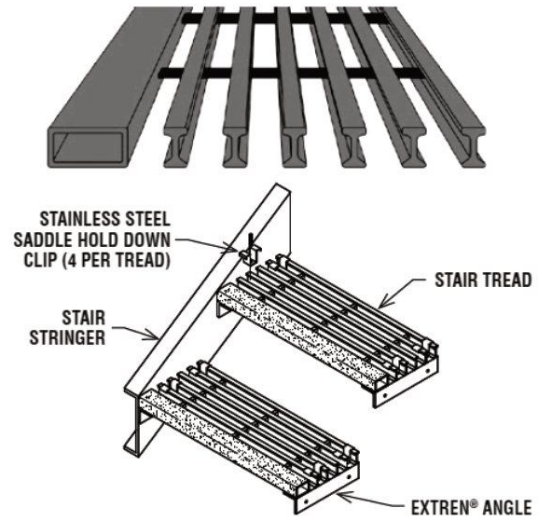
Panel Sizes Are Specified: Width x Length

NOTE: DURAGRID®, Strongwell's line of custom pultruded grating, is available with a wide array of options, including: colors, resin systems, panel sizes, cross rod spacings and more.



Nosings for Stair Treads and Landings

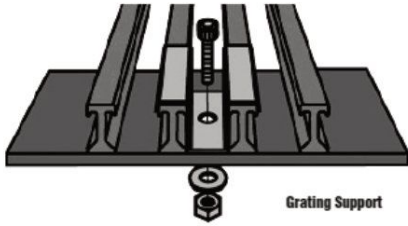
DURAGRID® pultruded stair treads and landings are produced by attaching a 2" deep nosing to the leading edge. This gives added strength and rigidity to the area that takes the most impact and abuse. In addition, the nosing provides more surface area for skid resistance, wear and better visibility. Light gray stair treads with yellow nosing are available at additional cost.



TREAD WIDTH & COLOR	STAIR TREAD SERIES	MAXIMUM SPAN FOR 300 LBS. AT MIDSPAN	
		1/8" OR LESS DEFLECTION	1/4" OR LESS DEFLECTION
11" Light Gray or Yellow	I-6000 1"	29"	37"
11" Light Gray or Yellow	I-6000 1-1/2"	40"	52"
12" Light Gray or Yellow	T-5000 2"	47"	59"

DURADEK® Accessories

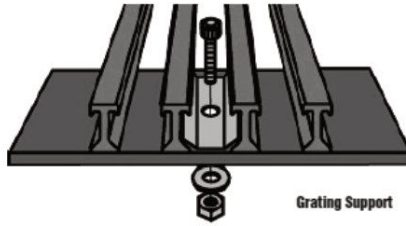
Panel Hold Downs



Grating Support

Weldable 316L stainless steel saddle clips are available for all DURADEK® grating series.

*Bolts are priced separately from the saddle clips.



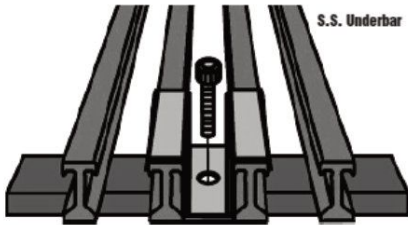
Grating Support

Weldable 316L stainless steel insert clips are available for all DURADEK® grating series.

*Bolts are priced separately from the hold-down.

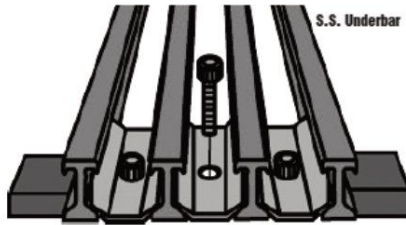
Panel Connectors

Panel Connectors are generally only used at midspan to assist in transferring load from section to section.



S.S. Underbar

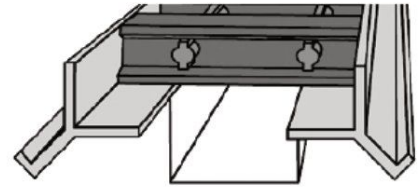
316L stainless steel saddle clips are available as panel connectors for all DURADEK® grating series.



S.S. Underbar

Insert clip hold-downs are available for all DURADEK® grating series.

Curb Angle



Fiberglass Curb Angle provides a strong, firm base for bearing bars and is pultruded from the same material and in the same manner as other DURADEK® products. Corrosion resistant Fiberglass Curb Angles are available for 1", 1-1/2" and 2" grating panel thicknesses in gray fire retardant vinyl ester.

USING THE LOAD/DEFLECTION TABLES

Series Designation

The series designation indicates the bar size and shape and the percent of open area. For example: T-5800 2" means 2" T-bar spaced to give a 58% open area.

Load Table Data

Deflection values are based upon minimum apparent modulus (E) per span. Maximum Recommended Load data was calculated by the Strongwell Test Lab. See FGMC/ANSI Grating Manual for additional information regarding apparent modulus deflection.

STATISTICAL REPORTING METHODS

Minimum Value

A value that is a specified distance from the average. The most common specified distance is three standard deviations.

Characteristic Value

As defined by ASTM D7290, a value that is normally between two and three standard deviations from the average.

Average Value

The sum of a list of values divided by the number of values in the list, without consideration for standard deviations.

Typical Value

No definition. Not recommended for use by Professional Engineers. Can be any value the manufacturer chooses.

NOTE: Strongwell recommends the use of minimum or characteristic values for design calculations

Pultruded Fiberglass Grating

Fiberglass Grating & Stair Treads

DURA DEK®

PULTRUDED FIBERGLASS GRATING & STAIR TREADS

STOCKING LEVELS OF GRATING MAY VARY. CALL FOR AVAILABILITY.

STANDARD SIZE PANELS



Panel Size (Width x Length)	PE I-6000 - 1" VE I-6000 - 1"	PE I-6000 - 1-1/2" VE I-6000 - 1-1/2"	PE T-5000 - 2" VE T-5000 - 2"
	wt. (lbs.)	wt. (lbs.)	wt. (lbs.)
3' x 8'	63	77	80
3' x 10'	78	96	99
3' x 12'	94	116	119
3' x 20'	156	192	198
4' x 8'	84	103	106
4' x 10'	104	128	132
4' x 12'	125	154	159
4' x 20'	208	256	264
5' x 8'	104	128	132
5' x 10'	130	160	165
5' x 12'	156	192	198
5' x 20'	260	320	330

STANDARD SIZE STAIR TREADS

Stair Treads (Width x Length)	PE I-6000 - 1" VE I-6000 - 1"	PE I-6000 - 1-1/2" VE I-6000 - 1-1/2"	PE T-5000 - 2" VE T-5000 - 2"
	wt. (lbs.)	wt. (lbs.)	wt. (lbs.)
11" x 144"	32	39	—
12" x 144"	—	—	40

Colors: Yellow or Gray
Resins: Fire Retardant Polyester - Standard
 Fire Retardant Vinyl Ester - Optional

UV Protection: UV Inhibited with a Veil; Total UV Coating Optional
Top Surface: Epoxy Bonded Grit Coating
Cross Rods: 6" o.c.

FRP - FIBER REINFORCED PLASTIC & GRATING





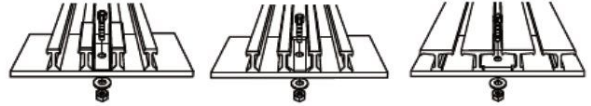
PULTRUDED FIBERGLASS GRATING & STAIR TREADS

ACCESSORY ITEMS

ALL ITEMS GENERALLY ARE IN INVENTORY FOR IMMEDIATE SHIPMENT

PANEL HOLD DOWNS

(Price Does Not Include Nuts, Bolts & Washers)



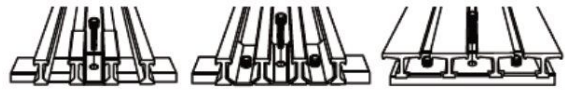
(No Broken Packages)

**Pounds Approx.
(25 per Package)**

S.S. Insert Hold Down, all series (Specify I-6000 or T-5000)	1.00
S.S. Saddle Clip Only, I-6000 - 1"	2.00
S.S. Saddle Clip Only, I-6000 - 1-1/2"	2.25
S.S. Saddle Clip Only, T-5000 - 2"	3.25
1/4" - 20 x 1-1/4" S.S. Socket Head Cap Screw with Nut & Washer (For use with Hold Downs)	0.75

PANEL CONNECTORS ASSEMBLY

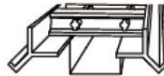
(Assembly includes Hold Down(s), Bolt(s) and Bottom Bar)



Pounds Approx.

S.S. Insert Panel Connector, all series	0.40
S.S. Saddle Clip Panel Connector, I-6000 - 1"	0.29
S.S. Saddle Clip Panel Connector, I-6000 - 1-1/2"	0.30
S.S. Saddle Clip Panel Connector, T-5000 - 2"	0.30

FIBERGLASS CURB ANGLE



**Pounds Approx.
(In. ft.)**

1" x 1-1/2"	STOCKED	0.83
1-1/2" x 1-1/2"	STOCKED	0.93
2" x 1-1/2"	STOCKED	1.03
4" x 2-1/4" x 1/4" (Slate Gray)	NS	5.33

Color: Gray	UV Inhibited with a Veil
Resin: Fire Retardant, Vinyl Ester	Stock Length: 20 feet

MISCELLANEOUS

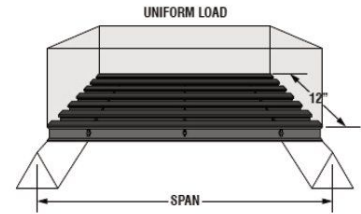
Pounds Approx.

Sealing Kit - 1 pint	1.64
7" Tungston Carbide Tip Circular Blade	0.64
Tungston Carbide Tip Saber Saw Blade	0.03

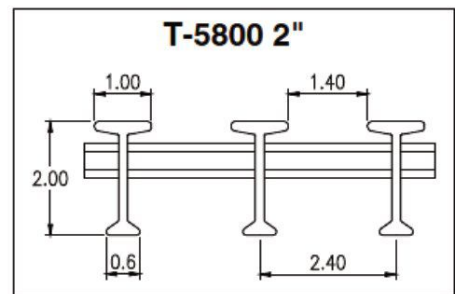
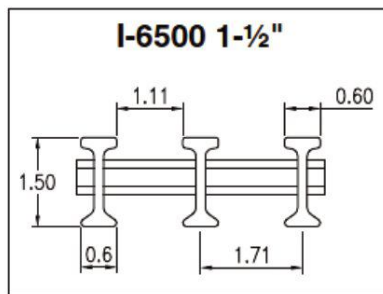
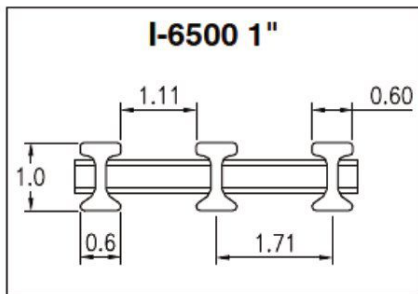
Pultruded Fiberglass Grating

DURADEK® PULTRUDED GRATING Uniform Load (Deflection in Inches)

Note: () indicates where the load produces ≤ 0.25° deflection.



SPAN (IN)	STYLE		LOAD IN LB / SQUARE FOOT (PSF)														MAXIMUM RECOMMENDED LOAD (PSF)	DEFLECTION	EX 10° PSI	
	SERIES	DEPTH	50	100	150	200	250	300	400	500	750	1000	2000	3000	4000	5000				6000
12	I-6500	1"	<0.01	<0.01	<0.01	<0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.04	0.06	0.08	0.1	9123	0.19	3.78	
	I-6500	1-½"	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.04	15439	0.11	3.79
	T-5800	2"	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	0.02	0.02	0.03	9444	0.04	3.8
18	I-6500	1"	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.07	0.1	0.19	0.29	0.38	0.48	4346	0.41	4.15	
	I-6500	1-½"	<0.01	<0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.03	0.04	0.07	0.1	0.14	0.17	0.21	6862	0.24	4.05
	T-5800	2"	<0.01	<0.01	<0.01	<0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.04	0.06	0.08	0.1	0.12	6280	0.13	3.91
24	I-6500	1"	0.01	0.03	0.04	0.06	0.07	0.09	0.11	0.14	0.21	0.28	0.57				2544	0.72	4.41	
	I-6500	1-½"	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.05	0.08	0.1	0.21	0.31	0.42	0.52	0.63	3860	0.4	4.24
	T-5800	2"	<0.01	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.05	0.06	0.13	0.19	0.26			4722	0.3	4.01
30	I-6500	1"	0.03	0.07	0.1	0.13	0.17	0.2	0.26	0.33	0.49	0.66					1628	1.07	4.63	
	I-6500	1-½"	0.01	0.03	0.04	0.05	0.06	0.07	0.1	0.12	0.18	0.25	0.49				2433	0.6	4.4	
	T-5800	2"	0.01	0.02	0.02	0.03	0.04	0.05	0.06	0.08	0.12	0.15	0.31				3022	0.46	4.1	
36	I-6500	1"	0.07	0.13	0.2	0.26	0.33	0.39	0.52	0.66							1130	1.48	4.83	
	I-6500	1-½"	0.03	0.03	0.05	0.08	0.1	0.12	0.15	0.2	0.25	0.37	0.5				1663	0.83	4.5	
	T-5800	2"	0.02	0.02	0.03	0.05	0.06	0.08	0.09	0.12	0.16	0.23	0.31				2099	0.66	4.18	
42	I-6500	1"	0.12	0.24	0.36	0.48	0.6										827	1.99	4.88	
	I-6500	1-½"	0.05	0.09	0.14	0.18	0.23	0.27	0.36	0.45	0.68						1194	1.08	4.59	
	T-5800	2"	0.03	0.06	0.09	0.11	0.14	0.17	0.23	0.29	0.43						1542	0.88	4.25	
48	I-6500	1"	0.2	0.4	0.6												630	2.53	4.98	
	I-6500	1-½"	0.08	0.15	0.23	0.3	0.38	0.46	0.61								892	1.35	4.66	
	T-5800	2"	0.05	0.1	0.14	0.19	0.24	0.29	0.38								1181	1.12	4.34	
54	I-6500	1"	0.32	0.64													496	3.18	5	
	I-6500	1-½"	0.12	0.24	0.36	0.48	0.6										681	1.64	4.71	
	T-5800	2"	0.08	0.15	0.23	0.3	0.38										933	1.4	4.41	
60	I-6500	1-½"	0.18	0.36	0.55												533	1.94	4.74	
	T-5800	2"	0.11	0.23	0.34	0.45											756	1.7	4.47	
66	I-6500	1-½"	0.27	0.53													425	2.26	4.76	
	T-5800	2"	0.16	0.33	0.49												624	2.04	4.52	
72	T-5800	2"	0.23	0.46													524	2.39	4.58	



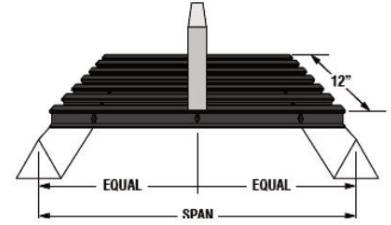
FRP - FIBER REINFORCED PLASTIC & GRATING



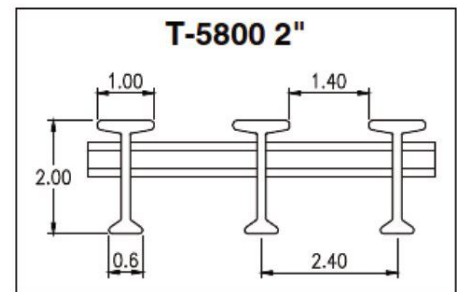
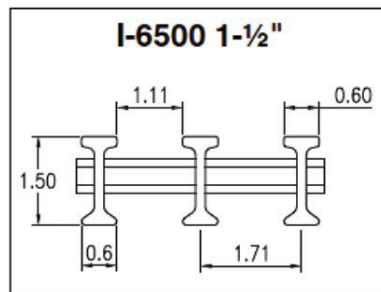
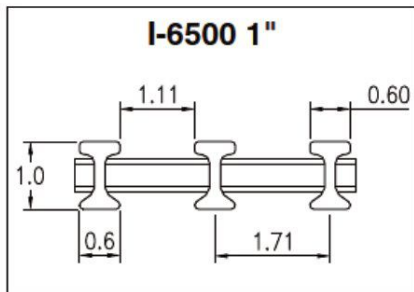
Pultruded Fiberglass Grating

DURADEK® PULTRUDED GRATING Concentrated Line Load (Deflection in Inches)

Note: () indicates where the load produces ≤ 0.25" deflection.



SPAN (IN)	STYLE		LOAD IN LB / FOOT OF WIDTH (PSF)														MAXIMUM RECOMM- ENDED LOAD (PSF)	DEFLE- CTION	EX 10 ⁶ PSI	
	SERIES	DEPTH	50	100	150	200	250	300	400	500	750	1000	2000	3000	4000	5000				6000
12	I-6500	1"	<0.01	<0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.03	0.03	0.07	0.10	0.13	0.17		4561	0.15	3.78
	I-6500	1-½"	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	0.01	0.02	0.04	0.05	0.07		7719	0.09	3.79
	T-5800	2"	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	0.01	0.02	0.03			4722	0.03	3.8
18	I-6500	1"	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.05	0.08	0.10	0.20	0.31	0.41	0.51		3259	0.33	4.15
	I-6500	1-½"	<0.01	<0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.07	0.11	0.15	0.18	0.22	5146	0.19	4.05
	T-5800	2"	<0.01	<0.01	<0.01	<0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.05	0.07	0.09			4722	0.11	3.91
24	I-6500	1"	0.01	0.02	0.03	0.05	0.06	0.07	0.09	0.11	0.17	0.23	0.45	0.68				2544	0.58	4.41
	I-6500	1-½"	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.06	0.08	0.17	0.25	0.33	0.42	0.50	3860	0.32	4.24
	T-5800	2"	<0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.10	0.15	0.21			4722	0.24	4.01
30	I-6500	1"	0.02	0.04	0.06	0.08	0.11	0.13	0.17	0.21	0.32	0.42						2035	0.86	4.63
	I-6500	1-½"	0.01	0.02	0.02	0.03	0.04	0.05	0.06	0.08	0.12	0.16	0.31	0.47	0.63			3041	0.48	4.4
	T-5800	2"	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.05	0.07	0.10	0.20	0.30				3778	0.37	4.1
36	I-6500	1"	0.04	0.07	0.11	0.14	0.18	0.21	0.28	0.35	0.52							1696	1.19	4.83
	I-6500	1-½"	0.01	0.03	0.04	0.05	0.07	0.08	0.11	0.13	0.20	0.27	0.53					2495	0.66	4.5
	T-5800	2"	0.01	0.02	0.03	0.03	0.04	0.05	0.07	0.08	0.13	0.17	0.33					3148	0.52	4.18
42	I-6500	1"	0.06	0.11	0.17	0.22	0.28	0.33	0.44	0.55								1447	1.59	4.88
	I-6500	1-½"	0.02	0.04	0.06	0.08	0.10	0.12	0.17	0.21	0.31	0.41						2088	0.86	4.59
	T-5800	2"	0.01	0.03	0.04	0.05	0.07	0.08	0.10	0.13	0.20	0.26						2698	0.7	4.25
48	I-6500	1"	0.08	0.16	0.24	0.32	0.40	0.48	0.64									1260	2.02	4.98
	I-6500	1-½"	0.03	0.06	0.09	0.12	0.15	0.18	0.24	0.30	0.46	0.61						1784	1.08	4.66
	T-5800	2"	0.02	0.04	0.06	0.08	0.10	0.11	0.15	0.19	0.29	0.38						2361	0.9	4.34
54	I-6500	1"	0.11	0.23	0.34	0.46	0.57	0.68										1117	2.55	5
	I-6500	1-½"	0.04	0.09	0.13	0.17	0.21	0.26	0.34	0.43	0.64							1533	1.31	4.71
	T-5800	2"	0.03	0.05	0.08	0.11	0.13	0.16	0.21	0.27	0.40							2099	1.12	4.41
60	I-6500	1-½"	0.06	0.12	0.18	0.23	0.30	0.35	0.47	0.58								1333	1.56	4.74
	T-5800	2"	0.04	0.07	0.11	0.14	0.18	0.22	0.29	0.36								1889	1.36	4.47
66	I-6500	1-½"	0.08	0.16	0.23	0.31	0.39	0.46	0.62									1170	1.81	4.76
	T-5800	2"	0.05	0.10	0.14	0.19	0.24	0.29	0.38									1717	1.63	4.52
72	T-5800	2"	0.06	0.12	0.18	0.24	0.30	0.37										1574	1.92	4.58



Pultruded Fiberglass Grating

DURAGRID® I-Bar Pultruded Grating

¹ 100 psf load, simple span (dimensions shown), 0.25" deflection.

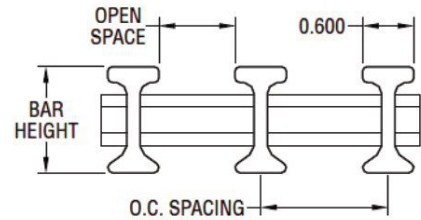
² Weight per square foot is based upon cross rods 6" on center. Deduct 0.186 lbs/ft² for 12" on center.

NOTES:

N/A : Not intended for pedestrian applications.

For full load tables, visit <http://www.strongwell.com/gratingloadtables>

SERIES	ON CENTER SPACING	OPEN SPACE	# BARS PER FOOT OF WIDTH	% OPEN SPACE	BAR HEIGHT	SPAN ¹	WT/FT ²	FIGURE
I-2000	0.750	0.150	16	20%	1.00'	52	4.5	
					1.25'	58	5.0	
					1.50'	67	5.5	
I-3000	0.850	0.250	14.12	30%	1.00'	51	4.0	
					1.25'	56	4.5	
					1.50'	65	4.9	
I-4000	1.000	0.400	12	40%	1.00'	48	3.4	
					1.25'	54	3.9	
					1.50'	62	4.2	
I-4800	1.161	0.561	10.33	48%	1.00'	47	3.0	
					1.50'	60	3.8	
					1.00'	46	2.9	
I-5000	1.200	0.600	10	50%	1.25'	52	3.3	
					1.50'	59	3.6	
					1.00'	45	2.7	
I-5500	1.330	0.730	9.02	55%	1.50'	58	3.2	
					1.00'	44	2.4	
					1.25'	49	2.7	
I-6000	1.500	0.900	8	60%	1.50'	56	3.0	
					1.00'	42	2.2	
					1.25'	47	2.4	
I-6500	1.710	1.110	7.02	65%	1.50'	54	2.7	
					1.00'	40	1.9	
					1.25'	45	2.1	
I-7000	2.000	1.400	6	70%	1.50'	52	2.3	
					1.00'	N/A	1.7	
					1.25'	N/A	1.8	
I-7500	2.400	1.800	5	75%	1.50'	N/A	2.0	
					1.00'	N/A	1.4	
					1.25'	N/A	1.5	
I-8000	3.000	2.400	4	80%	1.50'	N/A	1.7	
					1.00'	N/A	1.3	
					1.25'	N/A	1.3	
I-8300	3.600	3.000	3.33	83%	1.50'	N/A	1.4	
					1.00'	N/A	1.2	
					1.25'	N/A	1.2	
I-8500	4.000	3.400	3	85%	1.50'	N/A	1.3	
					1.00'	N/A	0.9	
					1.25'	N/A	1.0	
I-9000	6.000	5.400	2	90%	1.50'	N/A	1.0	
					1.00'	N/A	1.0	
					1.25'	N/A	1.0	



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DURAGRID® T-Bar Pultruded Grating

NOTES:
¹ 100 psf load, simple span (dimensions shown), 0.25" deflection.
² Weight per square foot is based upon cross rods 6" on center. Deduct 0.186 lbs/ft² for 12" on center.
 N/A : Not intended for pedestrian applications.
 For full load tables, visit <http://www.strongwell.com/gratingloadtables>

SERIES	ON CENTER SPACING	OPEN SPACE	# BARS PER FOOT OF WIDTH	% OPEN SPACE	BAR HEIGHT	SPAN ¹	WT/FT ²	FIGURE	
ET-3300	1.500'	0.500'	8	33%	1.00'	39	2.0		
					1.50'	48	2.4		
ET-5000	2.000'	1.000'	6	50%	1.00'	36	1.6		
					1.50'	45	1.9		
ET-7200	2.600'	1.600'	3.33	72%	1.00'	31	0.9		
					1.50'	38	1.1		
ET-8300	6.000'	5.000'	2	83%	1.00'	N/A	0.8		
ET-8800	8.000'	7.000'	1.71	88%	1.00'	N/A	0.7		
T-0000	1.625'	0.000'	7.38	0%	1.00'	44	3.1		
T-1000	1.800'	0.175'	6.67	10%	1.00'	43	2.9		
T-1200	1.850'	0.225'	6.49	12%	1.00'	43	2.8		
T-1800	2.000'	0.375'	6	18%	1.00'	42	2.6		
T-2500	2.120'	0.495'	5.66	25%	1.00'	42	2.5		
T-3000	2.330'	0.705'	5.15	30%	1.00'	41	2.4		
T-3500	2.400'	0.775'	5	35%	1.00'	40	2.3		
T-3800	2.620'	0.995'	4.58	38%	1.00'	39	2.1		
T-0000	1.625'	0.000'	7.38	0%	1.50'	58	3.8		
T-1000	1.800'	0.175'	6.67	10%	1.50'	57	3.5		
T-1200	1.850'	0.225'	6.49	12%	1.50'	56	3.4		
T-1800	2.000'	0.375'	6	18%	1.50'	55	3.2		
T-2500	2.120'	0.495'	5.66	25%	1.50'	54	3.0		
T-3500	2.400'	0.775'	5	35%	1.50'	53	2.7		
T-3800	2.620'	0.995'	4.58	38%	1.50'	52	2.5		
T-0000	1.000'	0.000'	12	0%	2.00'	78	5.7		
T-1700	1.200'	0.200'	10	17%	2.00'	74	4.8		
T-3300	1.500'	0.500'	8	33%	2.00'	70	3.9		
T-5000	2.000'	1.000'	6	50%	2.00'	65	3.1		
T-5800	2.400'	1.400'	5	58%	2.00'	62	2.6		
T-6700	3.000'	2.000'	4	67%	2.00'	58	2.2		

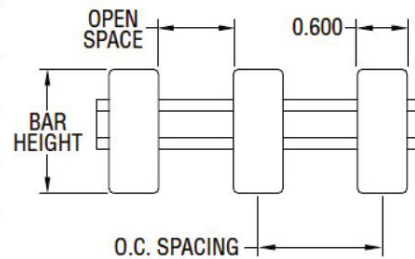
Pultruded Fiberglass Grating

DURAGRID® HD Pultruded Grating

NOTES:

¹ 100 psf load, simple span (dimensions shown), 0.25" deflection.
² Weight per square foot is based upon cross rods 6" on center. Deduct 0.186 lbs/ft² for 12" on center.
 HD Grating is generally suitable for long spans or heavy wheel loads.
 For full load tables, visit <http://www.strongwell.com/gratingloadtables>

SERIES	ON CENTER SPACING	OPEN SPACE	# BARS PER FOOT OF WIDTH	% OPEN SPACE	BAR HEIGHT	SPAN ¹	WT/FT ²	FIGURE
HD-3000	0.850"	0.250"	14	30%	1.00"	56	7.8	
					1.25"	66	9.5	
					1.50"	75	11.3	
					1.75"	85	13.0	
					2.00"	93	16.1	
					2.25"	102	17.1	
					2.50"	110	18.2	
HD-4000	1.000"	0.400"	12	40%	1.00"	54	7.0	
					1.25"	63	8.5	
					1.50"	72	10.1	
					1.75"	82	11.6	
					2.00"	89	14.4	
					2.25"	98	14.7	
					2.50"	105	16.3	
HD-5000	1.200"	0.600"	10	50%	1.00"	51	5.9	
					1.25"	61	7.2	
					1.50"	68	8.5	
					1.75"	78	9.8	
					2.00"	85	11.1	
					2.25"	94	12.4	
					2.50"	101	13.7	
HD-6000	1.500"	0.900"	8	60%	1.00"	48	4.9	
					1.25"	57	5.9	
					1.50"	65	7.0	
					1.75"	73	8.0	
					2.00"	80	9.0	
					2.25"	89	10.1	
					2.50"	95	11.1	



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