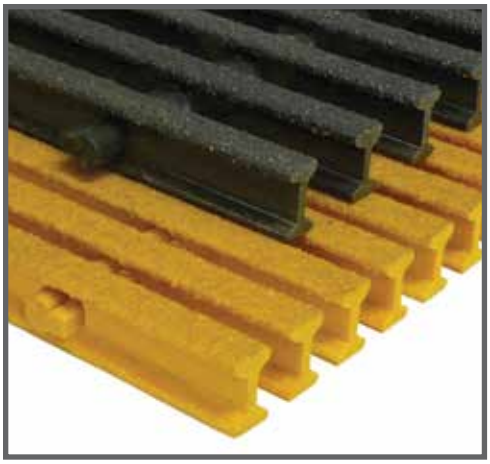
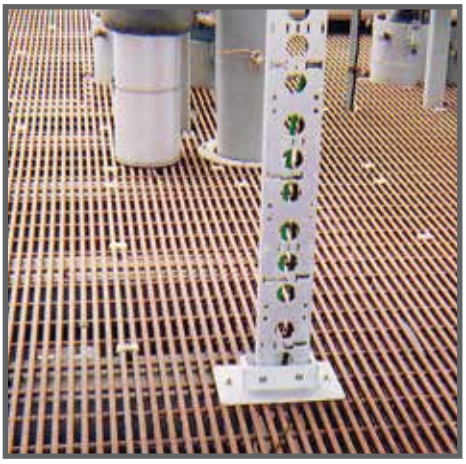
Safe-T-Span® Industrial Grating Details



I4010 & I6010 Grating

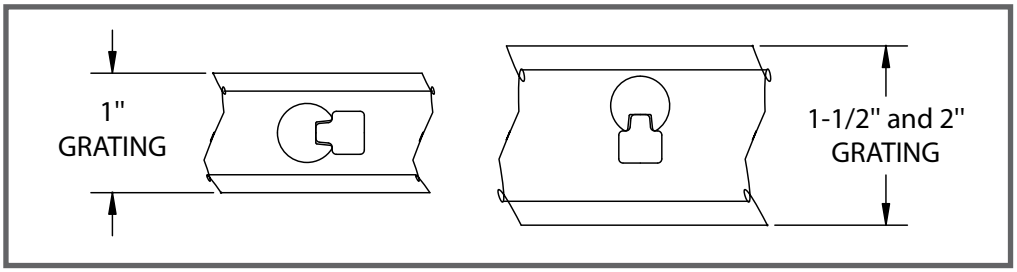
Copper Mining Facility



Offshore Oil & Gas Platform

Safe-T-Span industrial grating is available in 1", 1-1/4" and 1-1/2" depths in an I-bar configuration with 40%, 50% and 60% open areas. 2" depth T-bar configuration with 33% or 50% open area is also available for applications which require wider spans or lower deflections. *For details and load charts for 1-1/4" depth products, please visit our website at www.fibergrate.com > Products > Pultruded Grating > Custom Pultruded Gratings.*

Tie Bar Representation

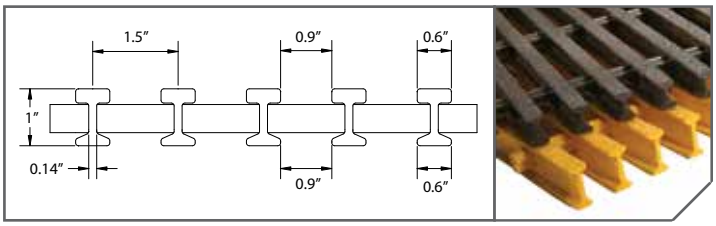


Grating Details

Refer to chart on page 4 for Grating Selection.

1" Deep I6010

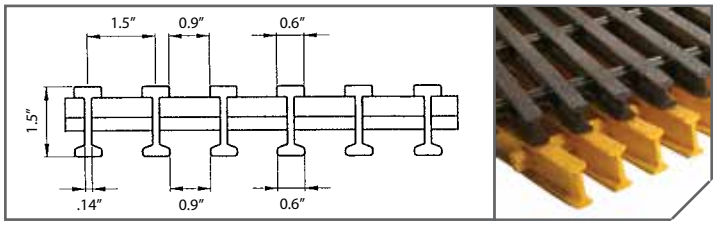
# of Bars/ Ft of Width	Load Bar Depth	Open Area	Load Bar Centers	Approximate Weight
8	1"	60%	1-1/2"	2.72 psf



Section Properties per Ft of Width: A = 2.64 IN^2 I = 0.33 IN^4 S= 0.63 IN^3
Average EI = 1,700,000 lb - in^2 (SPAN ≥ 24")

1-1/2" Deep I6015

# of Bars/ Ft of Width	Load Bar Depth	Open Area	Load Bar Centers	Approximate Weight
8	1-1/2"	60%	1-1/2"	3.16 psf



Section Properties per Ft of Width: A = 3.2 IN^2 I = 0.94 IN^4 S= 1.2 IN^3
Average EI = 4,600,000 lb - in^2 (SPAN ≥ 24")

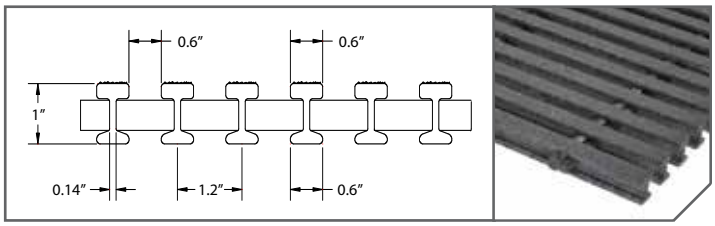
Safe-T-Span® Industrial Grating Details

Railway Access

Roller Coaster Entrance Ramp

1″ Deep I5010

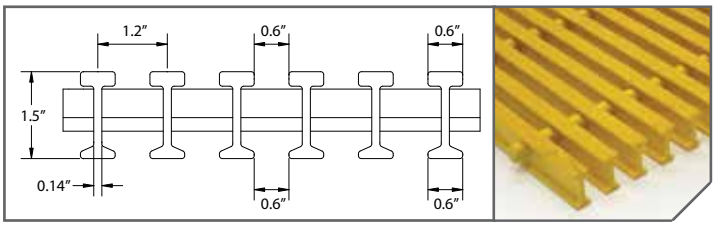
# of Bars/ Ft of Width	Load Bar Depth	Open Area	Load Bar Centers	Approximate Weight
10	1″	50%	1.2″	3.26 psf



Section Properties per Ft of Width: A = 3.3 IN² I = 0.41 IN⁴ S = 0.79 IN³
Average EI = 2,100,000 lb - in² (SPAN ≥ 24″)

1-1/2″ Deep I5015

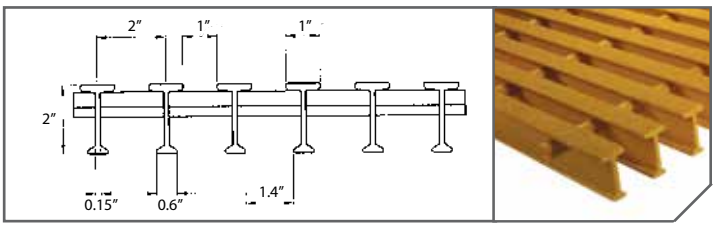
# of Bars/ Ft of Width	Load Bar Depth	Open Area	Load Bar Centers	Approximate Weight
10	1-1/2″	50%	1.2″	3.84 psf



Section Properties per Ft of Width: A = 4 IN² I = 1.17 IN⁴ S = 1.65 IN³
Average EI = 5,700,000 lb - in² (SPAN ≥ 24″)

2″ Deep T5020

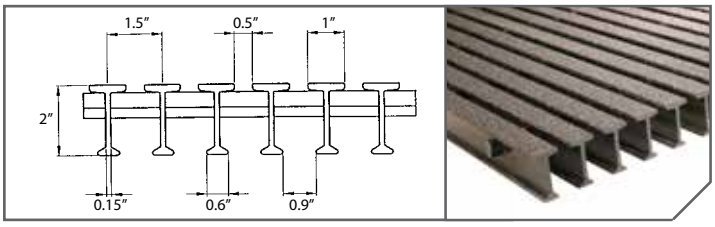
# of Bars/ Ft of Width	Load Bar Depth	Open Area	Load Bar Centers	Approximate Weight
6	2″	50%	2″	2.10 psf



Section Properties per Ft of Width: A=3.2 IN² I=1.68 IN⁴ St=1.96 IN³ Sb=1.47 IN³
Average EI = 7,600,000 lb - in² (SPAN ≥ 24″)

2″ Deep T3320 (ADA Compliant)

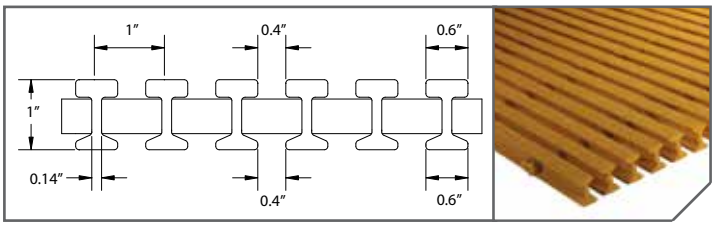
# of Bars/ Ft of Width	Load Bar Depth	Open Area	Load Bar Centers	Approximate Weight
8	2″	33%	1-1/2″	3.69 psf



Section Properties per Ft of Width: A=4.28 IN² I=2.24 IN⁴ St=2.61 IN³ Sb=1.96 IN³
Average EI = 9,200,000 lb - in² (SPAN ≥ 24″)

1″ Deep I4010 (ADA Compliant)

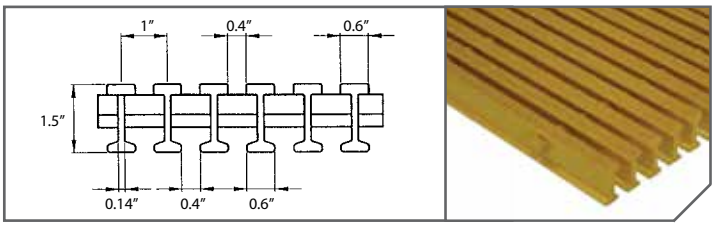
# of Bars/ Ft of Width	Load Bar Depth	Open Area	Load Bar Centers	Approximate Weight
12	1″	40%	1″	3.77 psf



Section Properties per Ft of Width: A = 3.96 IN² I = 0.5 IN⁴ S = 0.95 IN³
Average EI = 2,500,000 lb - in² (SPAN ≥ 24″)

1-1/2″ Deep I4015 (ADA Compliant)

# of Bars/ Ft of Width	Load Bar Depth	Open Area	Load Bar Centers	Approximate Weight
12	1-1/2″	40%	1″	4.60 psf



Section Properties per Ft of Width: A = 4.8 IN² I = 1.41 IN⁴ S = 1.8 IN³
Average EI = 7,000,000 lb - in² (SPAN ≥ 24″)