

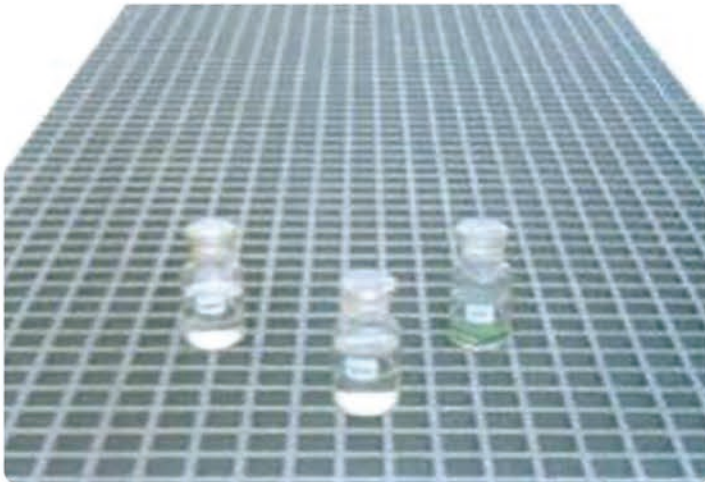
## ◆ FRP Gratings

Fiberglass grating is an ideal replacement for steel, aluminum gratings, with the following strength:



### Strength

With one of the highest strength-to-weight ratios of any material, our fiberglass grating is strong and durable, ready for years of dependable use.



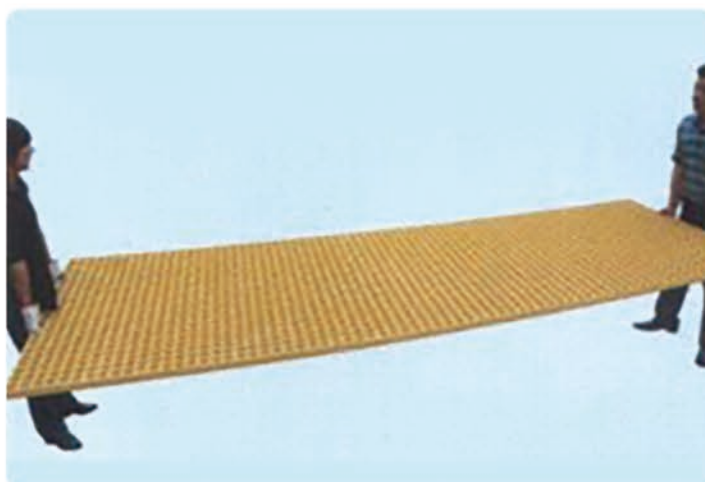
### Corrosion Resistance

Corrosion resistance is one of the features of our fiberglass grating. With a variety of premium resin system, fiberglass grating is perfect choice for a wide range of corrosive environments.



### Quick Installation

Fiberglass grating from Eco Pultrusions can be easily and rapidly cutted with ordinary hand tools.



### Light Weight

With one of the highest strength-to-weight ratios of any material, our fiberglass grating is strong and durable, ready for years of dependable use.





## Low Maintenance

Fiberglass gratings from Eco Pultrusions is easy to install and clean. It is free from re-painting year after year.

## MOLDED GRATING

Eco Pultrusions supply two kinds of fiberglass grating, molded and pultruded grating.

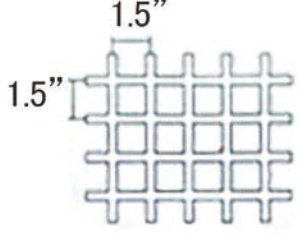

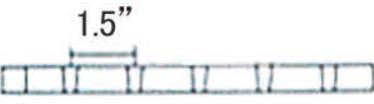
### MOLDED GRATING SELECTION CHART

Item	Thickness (inch)	Mesh (inch)	Maximum Size (WxL) feet	Open Area	Appro. Weight lb/sq.ft
No.01	0.5	1-1/2 x 1-1/2	4 x 13	78%	1.23
No.02	0.75	1-1/2 x 1-1/2	4 x 13	65%	2.00
No.03	1	1-1/2 x 1-1/2	5 x 13	68%	2.51
No.04	1.5	1-1/2 x 1-1/2	5 x 13	68%	3.99
No.05	2	1-1/2 x 1-1/2 Heavy duty	4 x 13	56%	8.58
No.06	1	2 x 2	4 x 12	78%	2.35
No.07	2	2 x 2	5x 14	78%	4.25
No.08	2.5	2 x 2	4 x 12	78%	5.89
No.09	1	0.75x0.75/1.5x1.5 micro	4 x 12	40%	3.43
No.10	1.5	0.75x0.75/1.5x1.5 micro	5 x 13	40%	4.80
No.11	2	1x1/2x2 micro	5 x 13	55%	5.83
No.12	1.5	1x2 Heavy duty	4 x 12	48%	6.19
No.13	2	1x2 Heavy duty	4 x 12	48%	8.38
No.14	1	1x4 Standard duty	4 x 12	67%	2.83
No.15	1	1x4 Heavy duty	4 x 12	52%	3.99
No.16	1.5	1x4	4 x 12	62%	4.60
No.17	1.5	1.5x4	4 x 12	65%	3.35
No.18	1.5	1x6	4 x 12	63%	4.60
No.19	1.5	1.5x6	4 x 12	67%	3.25

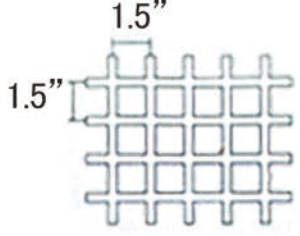
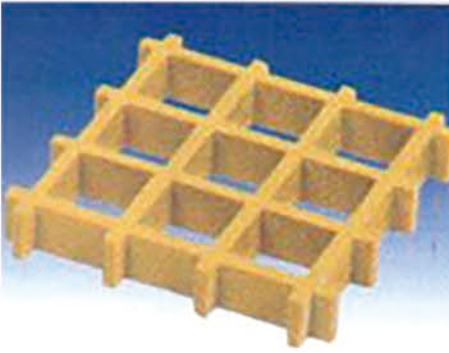
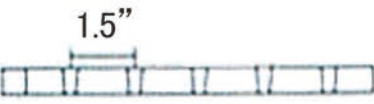


## MOLDED GRATING IN DETAILS, INCH

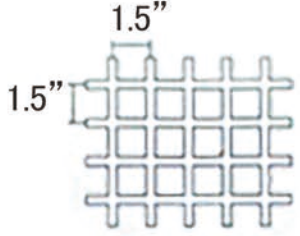
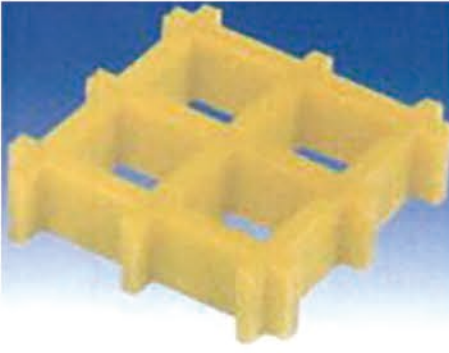
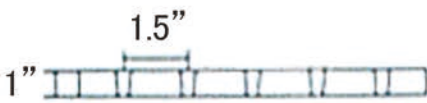
### No. 01: Thick 1 inch

Thickness(inch)	1		
Square mesh(inch)	1-1/2 x 1-1/2		
Bearing bar center(inch)	1.5		
Open Area	78%	Elevation View	
Approx. Weight (lb/sq.feet)	1.23		
Standard Panel Size(feet):4x13, 4x12,4x8, 3x10			

### No. 02: Thick 3/4inch

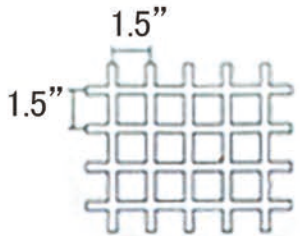
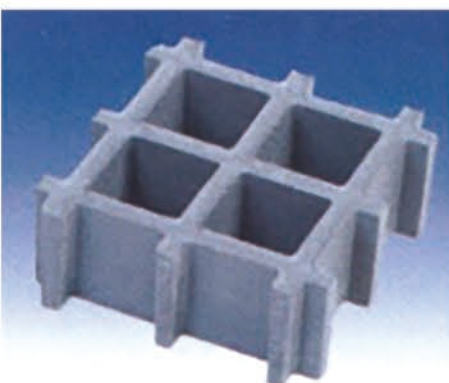
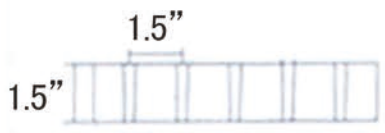
Thickness(inch)	0.75		
Square mesh(inch)	1-1/2 x 1-1/2		
Bearing bar center(inch)	1.5		
Open Area	65%	Elevation View	
Approx. Weight (lb/sq.feet)	2.00		
Standard Panel Size(feet):4x13, 4x12,4x8, 3x10			

### No. 03: Thick 1 inch

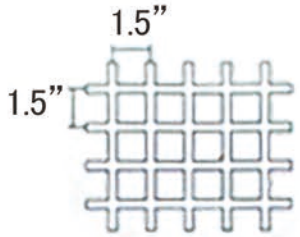
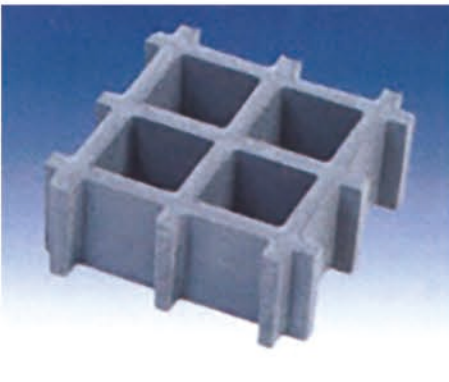
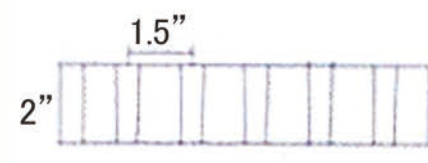
Thickness(inch)	1		
Square mesh(inch)	1-1/2 x 1-1/2		
Bearing bar center(inch)	1.5		
Open Area	68%	Elevation View	
Approx. Weight (lb/sq.feet)	2.51		
Standard Panel Size(feet):4x13, 4x12,4x8, 3x10,5 x 13			



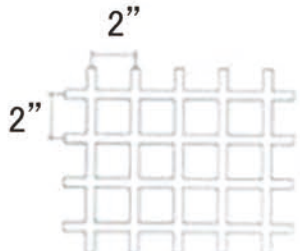
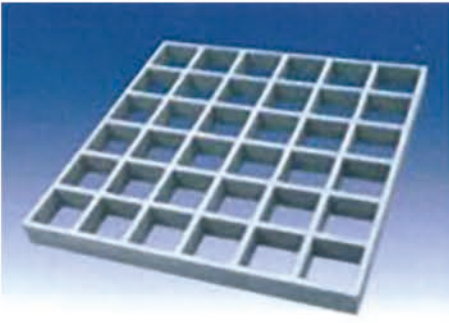
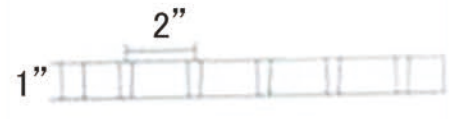
### No. 04: Thick 1.5inch

Thickness(inch)	1.5		
Square mesh(inch)	1-1/2 x 1-1/2		
Bearing bar center(inch)	1.5		
Open Area	68%	Elevation View	
Approx. Weight (lb/sq.feet)	3.99		
Standard Panel Size(feet):4x13, 4x12,4x8, 3x10,5 x 13			

### No. 05: Thick 2inch

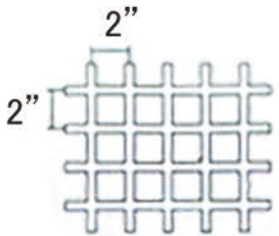

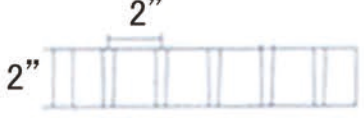
Thickness(inch)	2		
Square mesh(inch)	1-1/2 x 1-1/2		
Bearing bar center(inch)	1.5		
Open Area	56%	Elevation View	
Approx. Weight (lb/sq.feet)	8.58		
Standard Panel Size(feet):4x13, 4x12,4x8, 3x10,5 x 13			

### No. 06: Thick 1inch

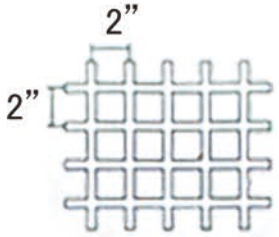


Thickness(inch)	1		
Square mesh(inch)	2 x 2		
Bearing bar center(inch)	2		
Open Area	78%	Elevation View	
Approx. Weight (lb/sq.feet)	2.35		
Standard Panel Size(feet): 4x12,4x8, 3x10			



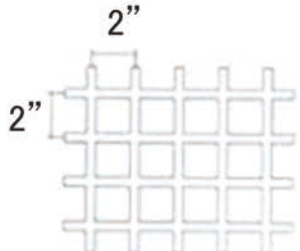


### No. 07: Thick 2inch

Thickness(inch)	2		
Square mesh(inch)	2 x 2		
Bearing bar center(inch)	2		
Open Area	78%	Elevation View	
Approx. Weight (lb/sq.feet)	2.35		
Standard Panel Size(feet): 5x 14			

### No. 08: Thick 2.5inch

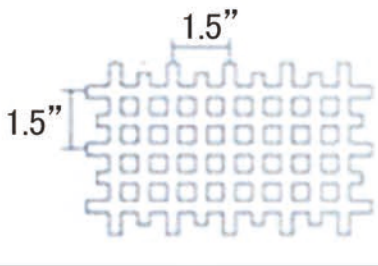
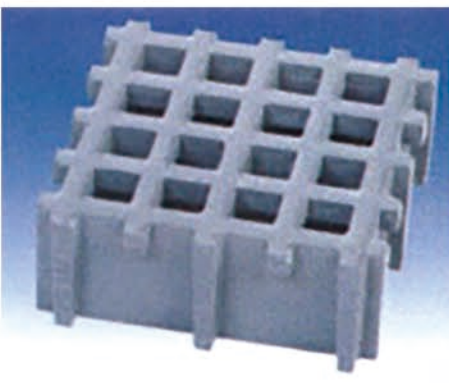

Thickness(inch)	2.5		
Square mesh(inch)	2 x 2		
Bearing bar center(inch)	2		
Open Area	78%	Elevation View	
Approx. Weight (lb/sq.feet)	5.89		
Standard Panel Size(feet): 4x13, 4x12,4x8, 3x10			

### No. 09: Thick 1inch

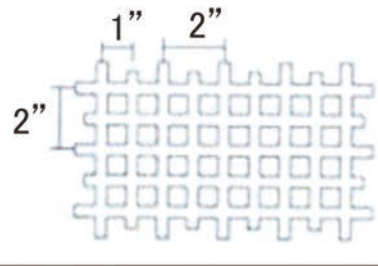


Thickness(inch)	1		
Square mesh(inch)	1.5x1.5/0.75x0.75		
Bearing bar center(inch)	0.75		
Open Area	40%	Elevation View	
Approx. Weight (lb/sq.feet)	3.43		
Standard Panel Size(feet): 4x13, 4x12,4x8, 3x10			



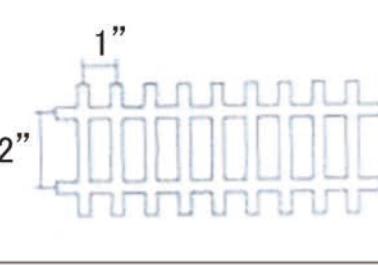
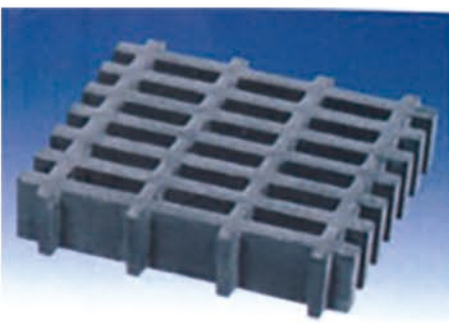
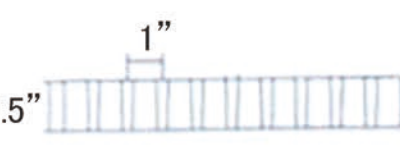
### No. 10: Thick 1.5inch

Thickness(inch)	1.5		
Square mesh(inch)	1.5x1.5/0.75x0.75		
Bearing bar center(inch)	0.75		
Open Area	40%	Elevation View	
Approx. Weight (lb/sq.feet)	4.80		
Standard Panel Size(feet): 4x13, 4x12,4x8, 3x10			

### No. 11: Thick 2inch

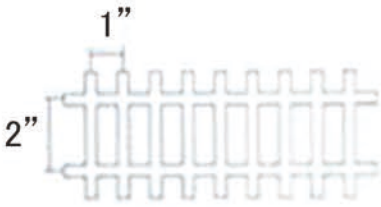
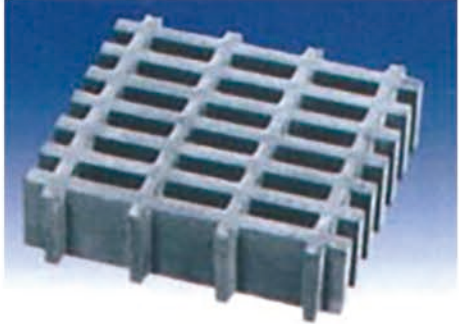

Thickness(inch)	2		
Square mesh(inch)	2x2/1x1		
Bearing bar center(inch)	1		
Open Area	55%	Elevation View	
Approx. Weight (lb/sq.feet)	5.83		
Standard Panel Size(feet): 4x13			

### No. 12: Thick 1.5inch

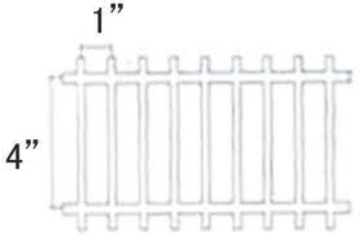

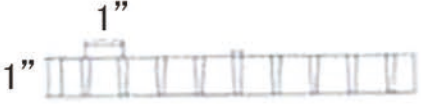
Thickness(inch)	1.5		
Square mesh(inch)	1.5x2		
Bearing bar center(inch)	1		
Open Area	48%	Elevation View	
Approx. Weight (lb/sq.feet)	6.19		
Standard Panel Size(feet): 4x12			



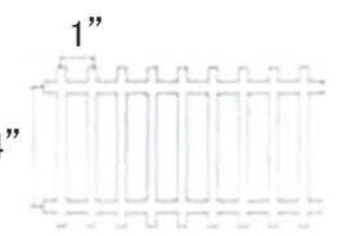
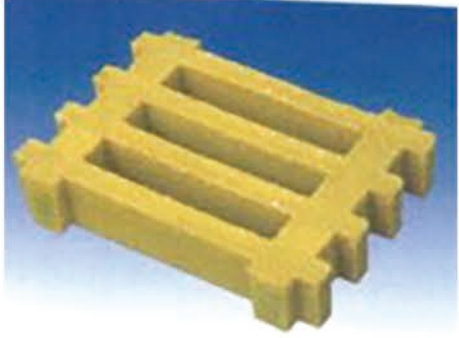

### No. 13: Thick 2inch

Thickness(inch)	2		
Square mesh(inch)	1x2		
Bearing bar center(inch)	1		
Open Area	48%	Elevation View	
Approx. Weight (lb/sq.feet)	8.38		
Standard Panel Size(feet): 4x12			

### No. 14: Thick 1inch

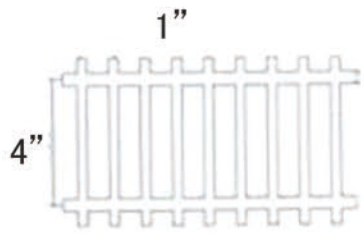


Thickness(inch)	1		
Square mesh(inch)	1x4		
Bearing bar center(inch)	1		
Open Area	67%	Elevation View	
Approx. Weight (lb/sq.feet)	2.83		
Standard Panel Size(feet): 4x12			

### No. 15: Thick 1inch

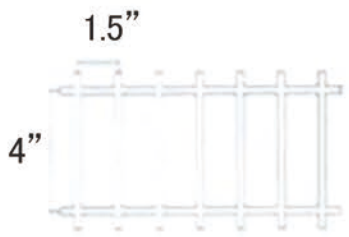


Thickness(inch)	1		
Square mesh(inch)	1x4		
Bearing bar center(inch)	1		
Open Area	52%	Elevation View	
Approx. Weight (lb/sq.feet)	3.99		
Standard Panel Size(feet): 4x12, 4x8, 3x10			



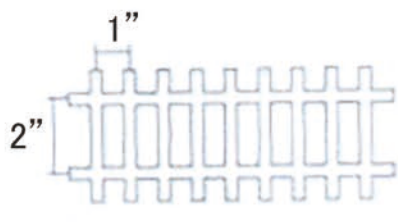
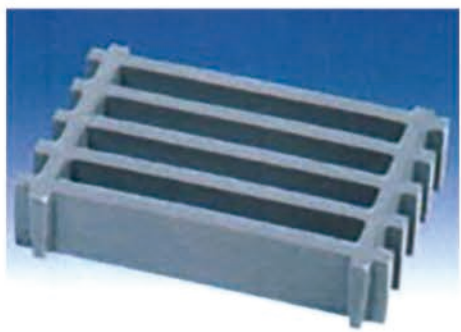
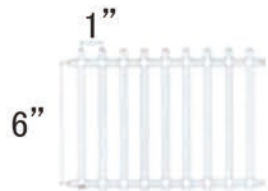
### No. 16: Thick 1.5inch

Thickness(inch)	1.5		
Square mesh(inch)	1x4		
Bearing bar center(inch)	1		
Open Area	62%	Elevation View	
Approx. Weight (lb/sq.feet)	4.6		
Standard Panel Size(feet): 4x12			

### No. 17: Thick 1.5inch

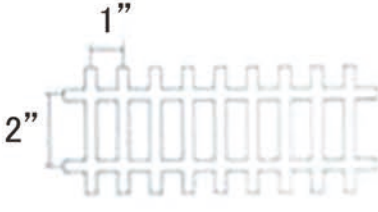
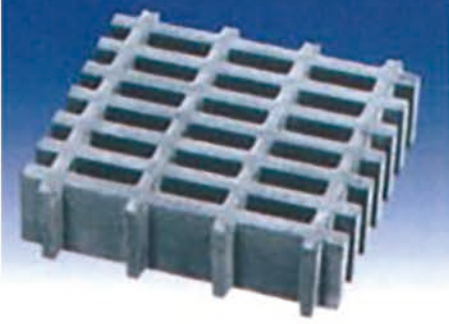
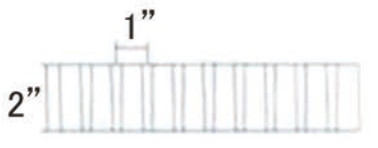
Thickness(inch)	1.5		
Square mesh(inch)	1.5x4		
Bearing bar center(inch)	1.5		
Open Area	65%	Elevation View	
Approx. Weight (lb/sq.feet)	3.35		
Standard Panel Size(feet): 4x12,4x8, 3x10			

### No. 18: Thick 1.5inch

Thickness(inch)	1.5		
Square mesh(inch)	1x5		
Bearing bar center(inch)	1		
Open Area	63%	Elevation View	
Approx. Weight (lb/sq.feet)	4.6		
Standard Panel Size(feet): 4x12,4x8, 3x10			



## No. 19: Thick 1.5inch

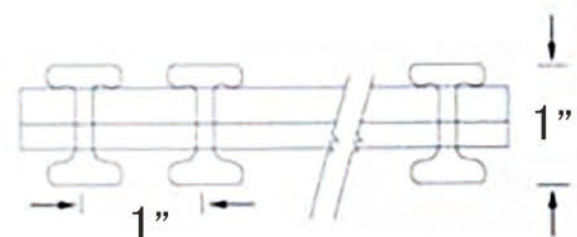
Thickness(inch)	2		
Square mesh(inch)	1x2		
Bearing bar center(inch)	1		
Open Area	48%	Elevation View	
Approx. Weight (lb/sq.feet)	8.38		
Standard Panel Size(feet): 4x12			

### Pultruded Grating Selection Chart


Item	Type	Thickness	Open Area	Approx. Weight Per Square Feet
No.01	I-4010	1	40%	3.50
No.02	I-5010	1	50%	2.90
No.03	I-6010	1	60%	2.29
No.04	I-4015	1.5	40%	4.50
No.05	I-5015	1.5	50%	3.91
No.06	I-6015	1.5	60%	3.29
No.07	T-1210	1	12%	2.96
No.08	T-1810	1	18%	2.82
No.09	T-2510	1	25%	2.51
No.10	T-3310	1	33%	2.29
No.11	T-3810	1	38%	2.09
No.12	T-1215	1.5	12%	4.01
No.13	T-2515	1.5	25%	3.41
No.14	T-3815	1.5	38%	2.90
No.15	T-3320	2	33%	4.15
No.16	T-5020	2	50%	3.21
No.17	HL-4020	2	40%	14.39
No.18	HL-5020	2	50%	10.67
No.19	HL-6020	2	60%	8.89



### No. 01

I-4010	#BAR S/FT	12	<b>Structure View</b> 
	Bearing Bar	1	
	Open Area	40%	
	Approx Wt	3.50	
	Standard Panel Size	Wide: 4feet, 3feet Long: 10feet, 20feet	


### No. 02

I-5010	#BAR S/FT	10	<b>Structure View</b> 
	Bearing Bar	1	
	Open Area	50%	
	Approx Wt	2.90	
	Standard Panel Size	Wide: 4feet, 3feet Long: 10feet, 20feet	

### No. 03

I-6010	#BAR S/FT	8	<b>Structure View</b> 
	Bearing Bar	1	
	Open Area	60%	
	Approx Wt	2.29	
	Standard Panel Size	Wide: 4feet, 3feet Long: 10feet, 20feet	

### No. 04

I-4015	#BAR S/FT	12	<b>Structure View</b> 
	Bearing Bar	1.5	
	Open Area	40%	
	Approx Wt	4.50	
	Standard Panel Size	Wide: 4feet, 3feet Long: 10feet, 20feet	



### No. 05

I-5015	#BAR S/FT	10	Structure View 
	Bearing Bar	1.5	
	Open Area	50%	
	Approx Wt	3.91	
	Standard Panel Size	Wide: 4feet, 3feet Long: 10feet, 20feet	

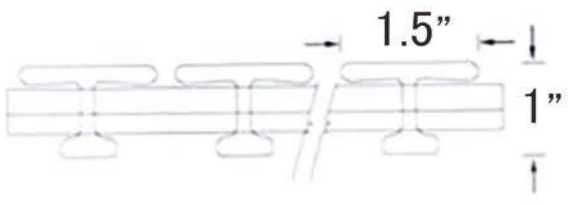
### No. 06

I-6015	#BAR S/FT	8	Structure View 
	Bearing Bar	1.5	
	Open Area	60%	
	Approx Wt	3.29	
	Standard Panel Size	Wide: 4feet, 3feet Long: 10feet, 20feet	

### No. 07

T-1210	#BAR S/FT	7	Structure View 
	Bearing Bar	1	
	Open Area	12%	
	Approx Wt	2.96	
	Standard Panel Size	Wide: 4feet, 3feet Long: 10feet, 20feet	

### No. 08

T-1810	#BAR S/FT	6	Structure View 
	Bearing Bar	1	
	Open Area	18%	
	Approx Wt	2.82	
	Standard Panel Size	Wide: 4feet, 3feet Long: 10feet, 20feet	




### No. 09

T-2510	#BAR S/FT	6	Structure View 
	Bearing Bar	1	
	Open Area	25%	
	Approx Wt	2.51	
	Standard Panel Size	Wide: 4feet, 3feet Long: 10feet, 20feet	

### No. 10

T-3310	#BAR S/FT	5	Structure View 
	Bearing Bar	1	
	Open Area	33%	
	Approx Wt	2.29	
	Standard Panel Size	Wide: 4feet, 3feet Long: 10feet, 20feet	

### No. 11

T-3810	#BAR S/FT	5	Structure View 
	Bearing Bar	1	
	Open Area	38%	
	Approx Wt	2.09	
	Standard Panel Size	Wide: 4feet, 3feet Long: 10feet, 20feet	

### No. 12

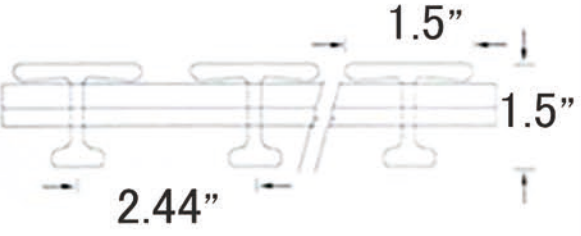
T-1215	#BAR S/FT	7	Structure View 
	Bearing Bar	1.5	
	Open Area	12%	
	Approx Wt	4.01	
	Standard Panel Size	Wide: 4feet, 3feet Long: 10feet, 20feet	



### No. 13

T-2515	#BAR S/FT	6	
	Bearing Bar	1.5	
	Open Area	25%	
	Approx Wt	3.41	
	Standard Panel Size	Wide: 4feet, 3feet Long: 10feet, 20feet	

### No. 14

T-3815	#BAR S/FT	5	
	Bearing Bar	1.5	
	Open Area	38%	
	Approx Wt	2.90	
	Standard Panel Size	Wide: 4feet, 3feet Long: 10feet, 20feet	


### No. 15

T-3320	#BAR S/FT	8	
	Bearing Bar	2	
	Open Area	33%	
	Approx Wt	4.15	
	Standard Panel Size	Wide: 4feet, 3feet Long: 10feet, 20feet	


### No. 16

T-5020	#BAR S/FT	6	
	Bearing Bar	2	
	Open Area	50%	
	Approx Wt	3.21	
	Standard Panel Size	Wide: 4feet, 3feet Long: 10feet, 20feet	


### No. 17

HL-4020	#BAR S/FT	12	Structure View 
	Bearing Bar	2	
	Open Area	40%	
	Approx Wt	14.39	
	Standard Panel Size	Wide: 4feet, 3feet Long: 10feet, 20feet	

### No. 18

HL-5020	#BAR S/FT	10	Structure View 
	Bearing Bar	2	
	Open Area	50%	
	Approx Wt	10.67	
	Standard Panel Size	Wide: 4feet, 3feet Long: 10feet, 20feet	

### No. 19

T-3810	#BAR S/FT	8	Structure View 
	Bearing Bar	2	
	Open Area	60%	
	Approx Wt	8.89	
	Standard Panel Size	Wide: 4feet, 3feet Long: 10feet, 20feet	