

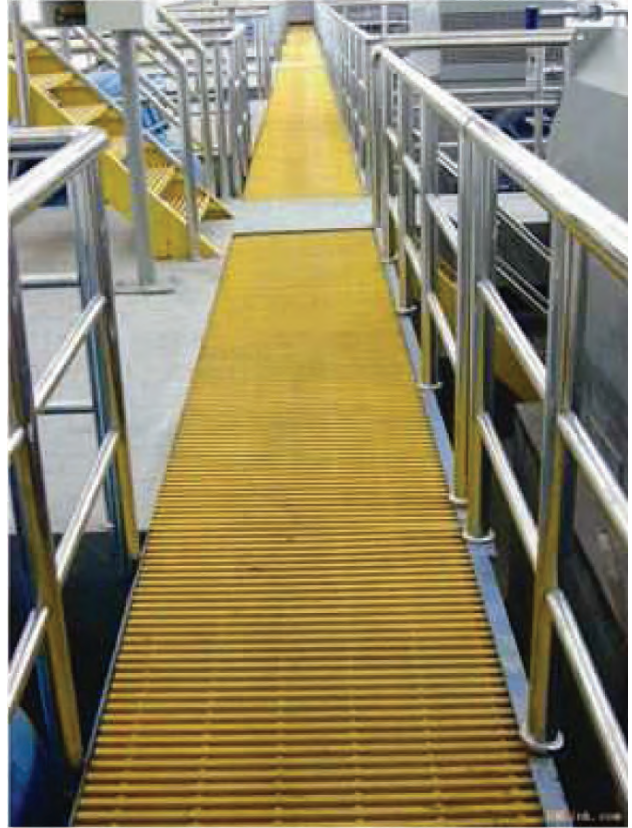
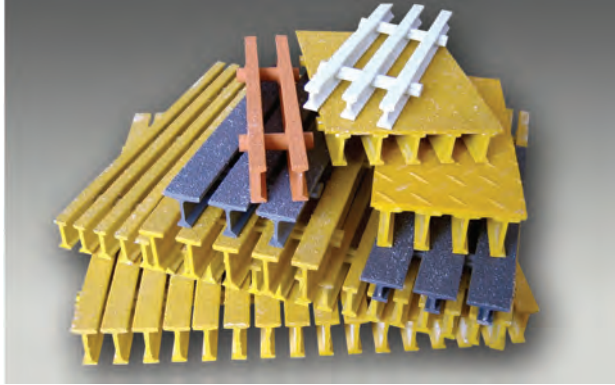
**SecureSpan HD™  
Pultruded Grating  
Products**



**MonaComposites**

[www.monacomposites.com](http://www.monacomposites.com)

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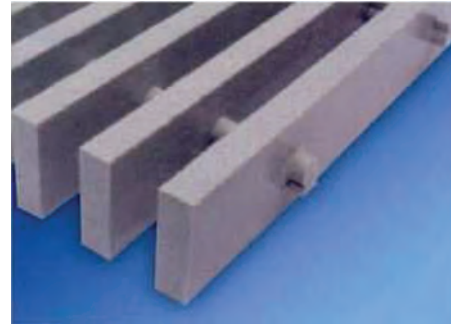


# SecureSpan™ Pultruded Heavy Duty Grating

## Mona Composites

### SecureSpan™ HD Pultruded Grating

Mona Composites SecureSpan™ HD pultruded grating is engineered for vehicular traffic (up to Standard Truck formerly H20) and high loads and longer spans. This heavy duty product is often used where grating faces severe loads from vehicles like fork lifts & semi trucks. It is also used to replace steel gratings where the spans are typically longer.



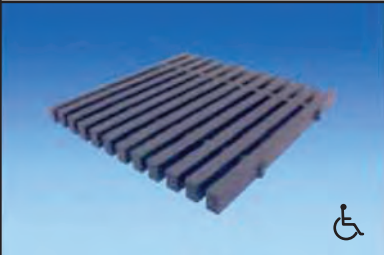
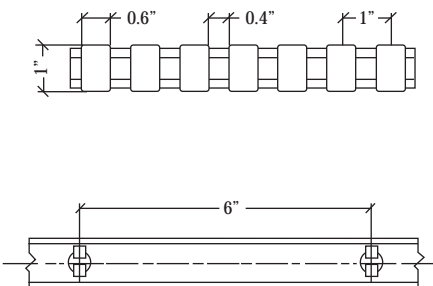
#### Typical Applications:

- Loading Docks
- Trenches at Overhead Doors
- Yard Drains

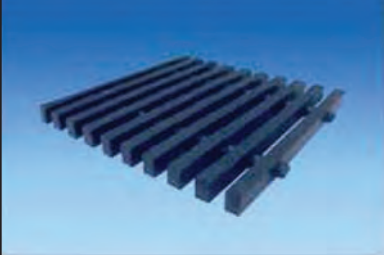
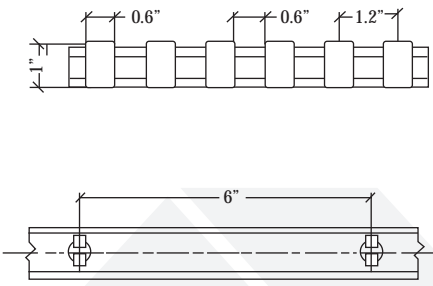
#### Secect Advantages:

- Long Span Ability
- High Load Capacity
- Corrosion Resistant

#### ◆ Heavy Duty 1" Deep 40% open (MCHD4010)


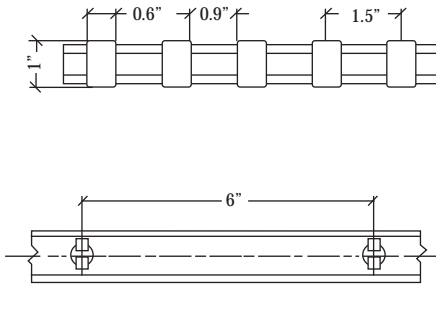
Engineering Properties Per Foot of Width:		$A=7.2 \text{ in}^2$	$I=0.37 \text{ in}^4$	$S=1.23 \text{ in}^3$
		# of Bars:	10	
		Bar Depth:	1"	
Stocked Item		Open Area:	40%	
Panel Sizes Available: Please Call		Max Width:	5'	
		Load Bar Centers:	1"	
		Approx. Weight:	5.84 lbs/ft <sup>2</sup>	
		Cross Bar Spacing:	6"	

#### ◆ I-Bar 1" Deep 50% Open (MCHD5010)

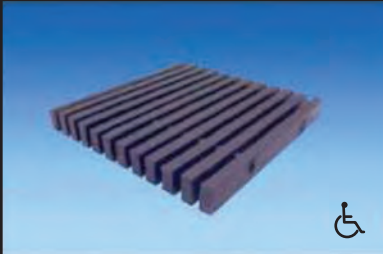
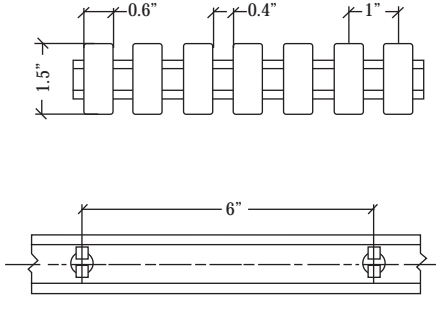
Engineering Properties Per Foot of Width:		$A=6.0 \text{ in}^2$	$I=0.5 \text{ in}^4$	$S=1.0 \text{ in}^3$
		# of Bars:	10	
		Bar Depth:	1"	
Non-Stocked Item (Custom Order)		Open Area:	50%	
Panel Sizes Available: Please Call		Max Width:	5'	
		Load Bar Centers:	1.2"	
		Approx. Weight:	4.94 lbs/ft <sup>2</sup>	
		Cross Bar Spacing:	6"	

# Pultruded Heavy Duty Grating Details

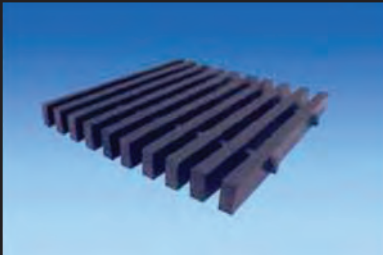
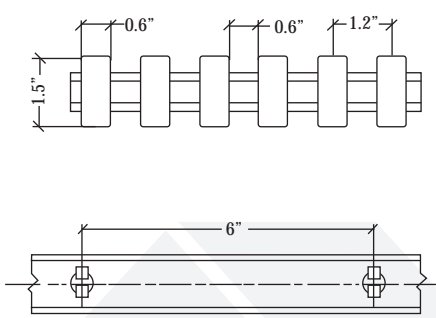
## ◆ Heavy Duty 1" Deep 60% open (MCHD6010)

Engineering Properties Per Foot of Width:		A=4.8 in <sup>2</sup>	I=0.37 in <sup>4</sup>	S=0.8 in <sup>3</sup>		
	Stocked Item				# of Bars:	8
	Panel Sizes Available: Please Call				Bar Depth:	1"
					Open Area:	60%
					Max Width:	5'
					Load Bar Centers:	1.5"
					Approx. Weight:	4.05 lbs/ft <sup>2</sup>
					Cross Bar Spacing	6"

## ◆ Heavy Duty 1 1/2" Deep 40% open (MCHD4015)

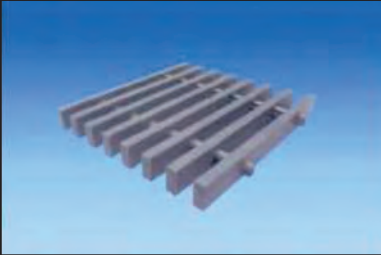
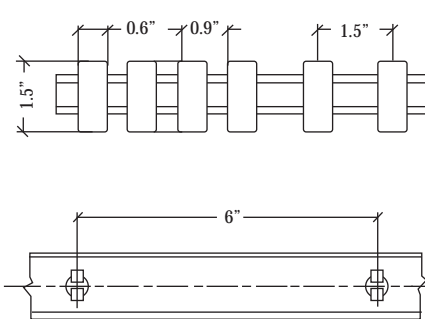
Engineering Properties Per Foot of Width:		A=10.8 in <sup>2</sup>	I=2.03 in <sup>4</sup>	S=2.71 in <sup>3</sup>		
	Stocked Item				# of Bars:	12
	Panel Sizes Available: Please Call				Bar Depth:	1.5"
					Open Area:	40%
					Max Width:	5'
					Load Bar Centers:	1"
					Approx. Weight:	9.13 lbs/ft <sup>2</sup>
					Cross Bar Spacing	6"

## ◆ Heavy Duty 1 1/2" Deep 50% open (MCHD5015)

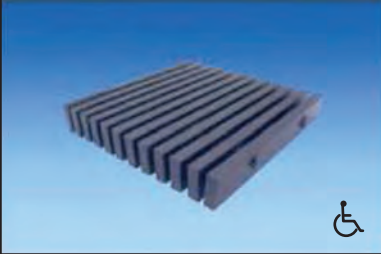
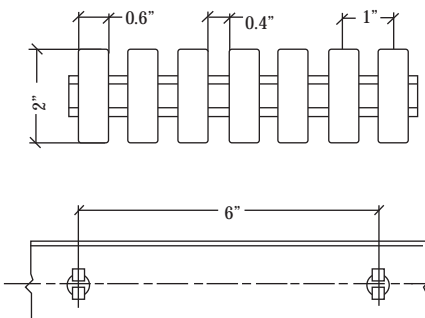
Engineering Properties Per Foot of Width:		A=9.0 in <sup>2</sup>	I=1.6 in <sup>4</sup>	S=2.25 in <sup>3</sup>		
	Non-Stocked Item (Custom Order)				# of Bars:	10
	Panel Sizes Available: Please Call				Bar Depth:	1.5"
					Open Area:	50%
					Max Width:	5'
					Load Bar Centers:	1.2"
					Approx. Weight:	7.69 lbs/ft <sup>2</sup>
					Cross Bar Spacing	6"

# Pultruded Heavy Duty Grating Details

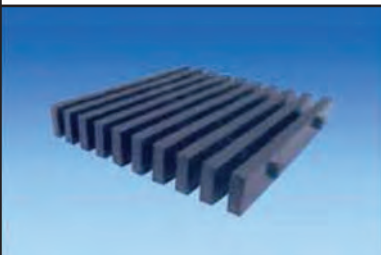
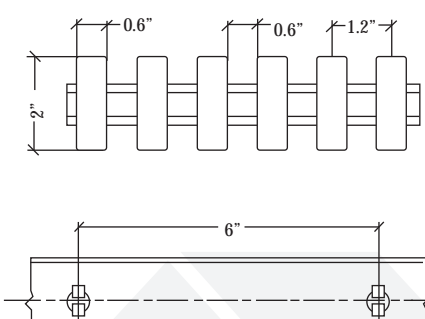
## ◆ Heavy Duty 1 1/2" Deep 60% open (MCHD6015)

Engineering Properties Per Foot of Width:		$A=7.2 \text{ in}^2$	$I=1.36 \text{ in}^4$	$S=1.81 \text{ in}^3$
		# of Bars:	8	
		Bar Depth:	1.5"	
Stocked Item		Open Area:	60%	
Panel Sizes Available: Please Call		Max Width:	5'	
		Load Bar Centers:	1.5"	
		Approx. Weight:	6.25 lbs/ft <sup>2</sup>	
		Cross Bar Spacing	6"	

## ◆ Heavy Duty 2" Deep 40% open (MCHD4020)

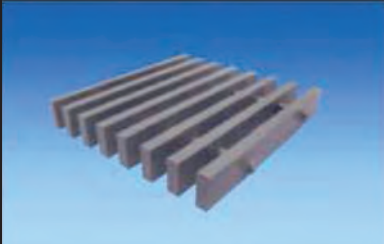
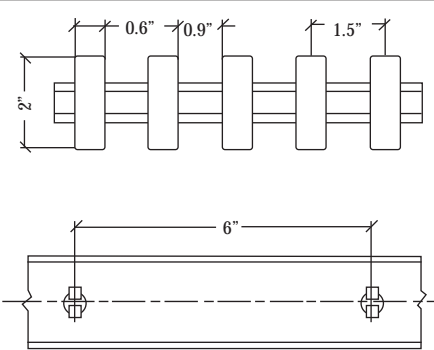
Engineering Properties Per Foot of Width:		$A=14.4 \text{ in}^2$	$I=4.8 \text{ in}^4$	$S=4.81 \text{ in}^3$
		# of Bars:	12	
		Bar Depth:	2"	
Stocked Item		Open Area:	40%	
Panel Sizes Available: Please Call		Max Width:	5'	
		Load Bar Centers:	1"	
		Approx. Weight:	11.81 lbs/ft <sup>2</sup>	
		Cross Bar Spacing	6"	

## ◆ Heavy Duty 2" Deep 50% open (MCHD5020)

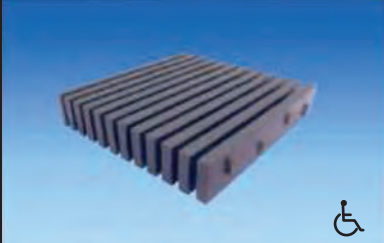
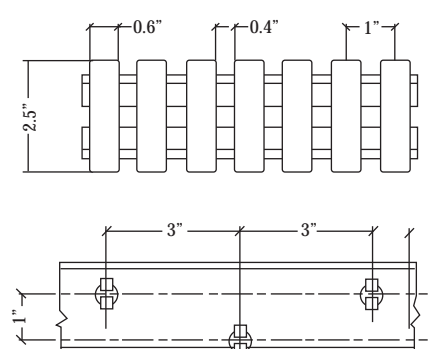
Engineering Properties Per Foot of Width:		$A=12.0 \text{ in}^2$	$I=4.0 \text{ in}^4$	$S=4.0 \text{ in}^3$
		# of Bars:	10	
		Bar Depth:	2"	
Non-Stocked Item (Custom Order)		Open Area:	50%	
Panel Sizes Available: Please Call		Max Width:	5'	
		Load Bar Centers:	1.2"	
		Approx. Weight:	9.92 lbs/ft <sup>2</sup>	
		Cross Bar Spacing	6"	

# Pultruded Heavy Duty Grating Details

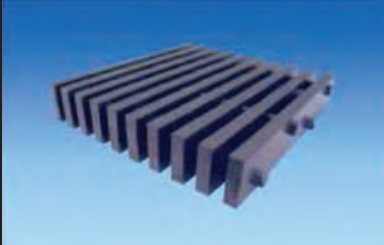
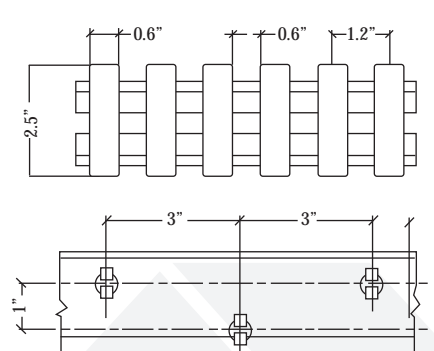
## ◆ Heavy Duty 2" Deep 60% open (MCHD6020)

Engineering Properties Per Foot of Width:		$A=9.6 \text{ in}^2$	$I=3.2 \text{ in}^4$	$S=3.2 \text{ in}^3$	
	Stocked Item			# of Bars:	8
	Panel Sizes Available:			Bar Depth:	2"
	Please Call			Open Area:	60%
		Max Width:	5'	Load Bar Centers:	1.5"
		Approx. Weight:	8.03 lbs/ft <sup>2</sup>	Cross Bar Spacing:	6"

## ◆ Heavy Duty 2" Deep 40% open (MCHD4025)

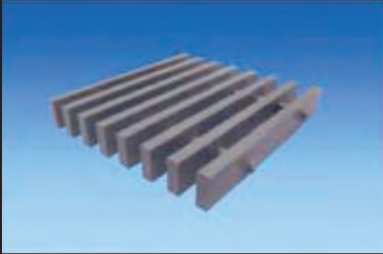
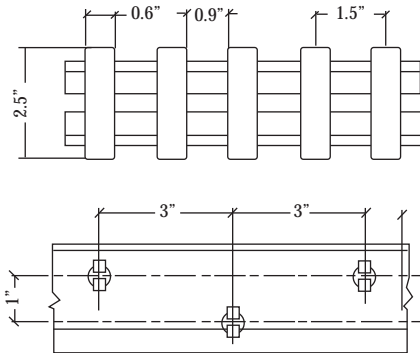
Engineering Properties Per Foot of Width:		$A=18.0 \text{ in}^2$	$I=18.0 \text{ in}^4$	$S=7.5 \text{ in}^3$	
	Stocked Item			# of Bars:	12
	Panel Sizes Available:			Bar Depth:	2.5"
	Please Call			Open Area:	40%
		Max Width:	5'	Load Bar Centers:	1"
		Approx. Weight:	14.42 lbs/ft <sup>2</sup>	Cross Bar Spacing:	3"

## ◆ Heavy Duty 2 1/2" Deep 50% open (MCHD5025)

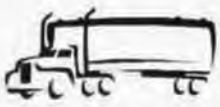




Engineering Properties Per Foot of Width:		$A=12.0 \text{ in}^2$	$I=4.0 \text{ in}^4$	$S=4.0 \text{ in}^3$	
	Non-Stocked Item (Custom Order)			# of Bars:	10
	Panel Sizes Available:			Bar Depth:	2"
	Please Call			Open Area:	50%
		Max Width:	5'	Load Bar Centers:	1.2"
		Approx. Weight:	9.92 lbs/ft <sup>2</sup>	Cross Bar Spacing:	6"

# Pultruded Heavy Duty Grating Details

## ◆ Heavy Duty 2 1/2" Deep 60% open (MCHD6025)

Engineering Properties Per Foot of Width:		A=12.0 in <sup>2</sup>	I=6.25 in <sup>4</sup>	S=5.0 in <sup>3</sup>	
	Stocked Item			# of Bars:	8
	Panel Sizes Available: Please Call			Bar Depth:	2.5"
	Open Area:			60%	
	Max Width:			5'	
	Load Bar Centers:			1.5"	
		Approx. Weight:	10.71 lbs/ft <sup>2</sup>		
		Cross Bar Spacing	3"		

## ◆ Allowable Spans for Vehicular Traffic (inches)

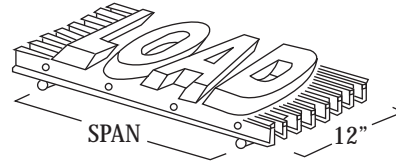
Vehicle	MCHD6010	MCHD6015	MCHD6020	MCHD6025
 AASHTO Standard Truck (32,000 lbs)	N/A	12"	22"	26"
 Automobile (5,000 lbs)	18"	24"	40"	56"
 5 Ton Capacity Forklift	N/A	12"	18"	22"
 3 Ton Capacity Forklift	N/A	10"	18"	21"
 1 Ton Capacity Forklift	N/A	14"	24"	32"

Notes:

- 1) Load is carried by the grating load bars immediately under wheel + two additional load bars, one on each side of the wheel.
- 2) Allowable span is based on a maximum deflection and a factor of safety of 3.0. The other criteria may be required by certain construction codes.



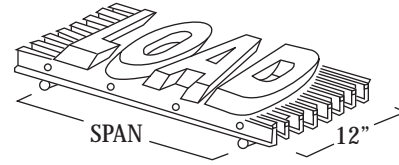
# Pultruded Grating Deflection Tables



**Pultruded Heavy Duty Grating:  
Uniform Load Deflection Table:**

SPAN in inches	STYLE	LOAD IN lbs/ft OF WIDTH								Max Rec. Load	Apparent El x 10 <sup>6</sup> (LB-IN <sup>2</sup> )
		50	100	150	200	250	500	1000	2000		
12	MCHD4010 &	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.04	11,276	1.06
	MCHD5010	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.05	9,318	0.90
	MCHD6010	0.00	0.00	0.00	0.01	0.01	0.02	0.03	0.06	7,548	0.72
	MCHD4015 &	<0.01	<0.01	<0.01	<0.01	0.00	0.00	0.00	0.01	29,744	5.40
	MCHD5015	<0.01	<0.01	0.00	0.00	0.00	0.00	0.01	0.01	23,452	3.27
	MCHD6015	<0.01	<0.01	0.00	0.00	0.00	0.00	0.01	0.02	18,763	2.40
	MCHD4020 &	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	0.00	0.01	65,109	6.92
	MCHD5020	<0.01	<0.01	<0.01	<0.01	0.00	0.00	0.00	0.01	52,713	5.14
	MCHD6020	<0.01	<0.01	<0.01	0.00	0.00	0.00	0.00	0.01	40,497	4.56
	MCHD4025 &	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	0.00	0.01	91,623	8.56
	MCHD5025	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	0.00	0.01	72,465	6.02
	MCHD6025	<0.01	<0.01	<0.01	<0.01	0.00	0.00	0.00	0.01	61,338	5.21
18	MCHD4010 &	0.00	0.01	0.01	0.01	0.02	0.03	0.06	0.12	7,517	1.87
	MCHD5010	0.00	0.01	0.01	0.01	0.02	0.03	0.07	0.13	6,212	1.67
	MCHD6010	0.00	0.01	0.01	0.02	0.02	0.04	0.08	0.16	5,032	1.42
	MCHD4015 &	<0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.03	19,830	8.84
	MCHD5015	<0.01	0.00	0.00	0.00	0.00	0.01	0.02	0.03	15,635	6.94
	MCHD6015	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.04	12,509	5.50
	MCHD4020 &	<0.01	<0.01	0.00	0.00	0.00	0.00	0.01	0.02	43,406	12.80
	MCHD5020	<0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.03	35,142	9.10
	MCHD6020	<0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.03	27,297	8.34
	MCHD4025 &	<0.01	<0.01	0.00	0.00	0.00	0.00	0.01	0.01	61,082	15.20
	MCHD5025	<0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.02	48,310	12.03
	MCHD6025	<0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.02	40,892	9.85
24	MCHD4010 &	0.01	0.01	0.02	0.03	0.04	0.07	0.15	0.30	5,638	2.44
	MCHD5010	0.01	0.02	0.02	0.03	0.04	0.08	0.17	0.33	4,659	2.18
	MCHD6010	0.01	0.02	0.03	0.04	0.05	0.10	0.20	0.40	3,774	1.82
	MCHD4015 &	0.00	0.00	0.01	0.01	0.01	0.02	0.03	0.07	14,872	10.56
	MCHD5015	0.00	0.00	0.01	0.01	0.01	0.02	0.04	0.08	11,726	8.71
	MCHD6015	0.00	0.01	0.01	0.01	0.01	0.03	0.05	0.10	9,382	6.90
	MCHD4020 &	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.04	32,554	16.80
	MCHD5020	0.00	0.00	0.00	0.01	0.01	0.01	0.03	0.06	26,357	12.90
	MCHD6020	0.00	0.00	0.00	0.01	0.01	0.01	0.03	0.06	20,473	12.70
	MCHD4025 &	<0.01	0.00	0.00	0.00	0.00	0.01	0.02	0.03	45,812	21.00
	MCHD5025	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.04	36,232	18.20
	MCHD6025	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.05	30,669	14.50
30	MCHD4010 &	0.02	0.03	0.05	0.06	0.08	0.16	0.31	3,608	2.79	
	MCHD5010	0.02	0.04	0.05	0.07	0.09	0.18	0.36	2,982	2.42	
	MCHD6010	0.02	0.04	0.07	0.09	0.11	0.22	0.44	2,415	1.98	
	MCHD4015 &	0.00	0.01	0.01	0.02	0.02	0.04	0.08	0.16	11,898	11.17
	MCHD5015	0.00	0.01	0.01	0.02	0.02	0.05	0.10	0.19	9,381	9.22
	MCHD6015	0.01	0.01	0.02	0.02	0.03	0.06	0.12	0.24	7,505	7.30
	MCHD4020 &	0.00	0.00	0.01	0.01	0.01	0.02	0.05	0.09	26,044	19.50
	MCHD5020	0.00	0.01	0.01	0.01	0.01	0.03	0.05	0.11	21,086	16.20
	MCHD6020	0.00	0.01	0.01	0.01	0.01	0.03	0.06	0.12	16,378	14.70
	MCHD4025 &	0.00	0.00	0.00	0.01	0.01	0.02	0.03	0.07	36,649	26.80
	MCHD5025	0.00	0.00	0.01	0.01	0.01	0.02	0.04	0.07	28,986	24.50
	MCHD6025	0.00	0.00	0.01	0.01	0.01	0.02	0.05	0.09	24,535	19.50

# Pultruded Grating Deflection Tables

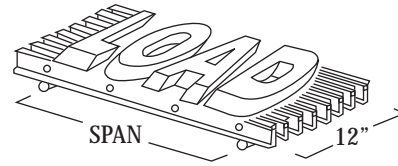


Pultruded Heavy Duty Grating:  
Uniform Load Deflection Table:

SPAN in inches	STYLE	LOAD IN lbs/ft OF WIDTH								Max Rec. Load	Apparent El x 10 <sup>6</sup> (LB-IN <sup>2</sup> )
		50	100	150	200	250	500	1000	2000		
36	MCHD4010	0.03	0.06	0.09	0.12	0.15	0.31			2,506	2.98
	MCHD5010	0.04	0.07	0.11	0.14	0.18	0.36			2,071	2.56
	MCHD6010	0.04	0.09	0.13	0.17	0.22	0.43			1,677	2.10
	MCHD4015	0.01	0.02	0.02	0.03	0.04	0.08	0.16	0.32	8,362	11.55
	MCHD5015	0.01	0.02	0.03	0.04	0.05	0.10	0.19	0.38	6,514	9.53
	MCHD6015	0.01	0.02	0.04	0.05	0.06	0.12	0.24	0.48	5,212	7.55
	MCHD4020	0.00	0.01	0.01	0.02	0.02	0.04	0.08	0.17	18,086	21.60
	MCHD5020	0.00	0.01	0.01	0.02	0.02	0.05	0.10	0.19	14,643	18.83
	MCHD6020	0.01	0.01	0.02	0.02	0.03	0.06	0.11	0.22	11,374	16.83
	MCHD4025	0.00	0.01	0.01	0.01	0.01	0.03	0.06	0.11	30,541	32.20
MCHD5025	0.00	0.01	0.01	0.01	0.02	0.03	0.06	0.13	24,155	28.80	
MCHD6025	0.00	0.01	0.01	0.02	0.02	0.04	0.08	0.16	20,446	23.25	
42	MCHD4010	0.05	0.11	0.16	0.22	0.27				1,841	3.10
	MCHD5010	0.06	0.13	0.19	0.26	0.32				1,521	2.60
	MCHD6010	0.08	0.16	0.24	0.32	0.39				1,232	2.14
	MCHD4015	0.01	0.03	0.04	0.06	0.07	0.14	0.29		6,070	11.78
	MCHD5015	0.02	0.03	0.05	0.07	0.09	0.17	0.35		4,786	9.72
	MCHD6015	0.02	0.04	0.07	0.09	0.11	0.22	0.44		3,829	7.70
	MCHD4020	0.01	0.01	0.02	0.03	0.04	0.07	0.15	0.29	13,288	23.00
	MCHD5020	0.01	0.02	0.03	0.03	0.04	0.08	0.17	0.34	10,785	20.10
	MCHD6020	0.01	0.02	0.03	0.04	0.05	0.10	0.20	0.39	8,356	17.10
	MCHD4025	0.00	0.01	0.01	0.02	0.02	0.05	0.09	0.19	22,438	35.90
MCHD5025	0.01	0.01	0.02	0.02	0.03	0.05	0.11	0.22	17,746	31.20	
MCHD6025	0.01	0.01	0.02	0.03	0.03	0.07	0.13	0.26	15,021	25.50	
48	MCHD4010	0.09	0.18	0.27	0.37	0.46				1,409	3.15
	MCHD5010	0.11	0.22	0.33	0.44					1,165	2.63
	MCHD6010	0.13	0.27	0.40						943	2.16
	MCHD4015	0.02	0.05	0.07	0.10	0.12	0.24	0.48		4,648	12.09
	MCHD5015	0.03	0.06	0.09	0.12	0.14	0.29			3,664	9.97
	MCHD6015	0.04	0.07	0.11	0.15	0.18	0.36			2,932	7.90
	MCHD4020	0.01	0.02	0.04	0.05	0.06	0.12	0.24	0.48	10,173	23.90
	MCHD5020	0.01	0.03	0.04	0.06	0.07	0.14	0.28		8,237	20.67
	MCHD6020	0.02	0.03	0.05	0.07	0.08	0.16	0.33		6,398	17.60
	MCHD4025	0.01	0.02	0.02	0.03	0.04	0.08	0.15	0.30	17,179	38.40
MCHD5025	0.01	0.02	0.03	0.03	0.04	0.09	0.17	0.35	13,587	33.10	
MCHD6025	0.01	0.02	0.03	0.04	0.05	0.11	0.22	0.43	11,501	26.50	
54	MCHD4010	0.15	0.29	0.44						1,114	3.18
	MCHD5010	0.17	0.35							920	2.65
	MCHD6010	0.21	0.42							745	2.19
	MCHD4015	0.04	0.08	0.11	0.15	0.19	0.38			3,672	12.25
	MCHD5015	0.05	0.09	0.14	0.18	0.23	0.46			2,895	10.11
	MCHD6015	0.06	0.12	0.17	0.23	0.29				2,317	8.01
	MCHD4020	0.02	0.04	0.06	0.08	0.09	0.19	0.38		8,038	24.34
	MCHD5020	0.02	0.04	0.07	0.09	0.11	0.22	0.44		6,508	20.80
	MCHD6020	0.03	0.05	0.08	0.10	0.13	0.26			5,055	17.70
	MCHD4025	0.01	0.02	0.03	0.05	0.06	0.11	0.23	0.46	13,574	40.50
MCHD5025	0.01	0.03	0.04	0.05	0.07	0.13	0.27		10,736	34.50	
MCHD6025	0.02	0.03	0.05	0.07	0.08	0.17	0.34		9,087	27.30	

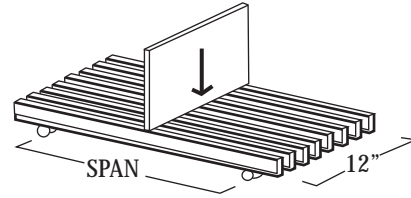
# Pultruded Grating Deflection Tables

## Pultruded Heavy Duty Grating: Uniform Load Deflection Table:



SPAN in inches	STYLE	LOAD IN lbs/ft OF WIDTH								Max Rec. Load	Apparent El x 10 <sup>6</sup> (LB-IN <sup>2</sup> )
		50	100	150	200	250	500	1000	2000		
60	MCHD4010	0.22	0.44							902	3.20
	MCHD5010	0.26								745	2.67
	MCHD6010	0.32								604	2.20
	MCHD4015	0.06	0.11	0.17	0.23	0.28				2,974	12.42
	MCHD5015	0.07	0.14	0.21	0.27	0.34				2,345	10.26
	MCHD6015	0.09	0.17	0.26	0.35	0.43				1,878	8.13
	MCHD4020	0.03	0.06	0.09	0.11	0.14	0.28			6,511	24.69
	MCHD5020	0.03	0.07	0.10	0.13	0.17	0.33			5,271	21.02
	MCHD6020	0.04	0.08	0.12	0.16	0.20	0.40			4,095	17.78
	MCHD4025	0.02	0.03	0.05	0.07	0.09	0.17	0.34		10,995	41.20
	MCHD5025	0.02	0.04	0.06	0.08	0.10	0.20	0.40		8,696	35.10
	MCHD6025	0.03	0.05	0.08	0.10	0.13	0.26	0.51		7,360	27.50
66	MCHD4015	0.08	0.16	0.25	0.33	0.41				2,458	12.49
	MCHD5015	0.10	0.20	0.30	0.40	0.50				1,938	10.30
	MCHD6015	0.13	0.25	0.38	0.50					1,551	8.16
	MCHD4020	0.04	0.08	0.12	0.16	0.21	0.41			5,381	25.00
	MCHD5020	0.05	0.10	0.15	0.20	0.24	0.49			4,357	21.06
	MCHD6020	0.06	0.12	0.17	0.23	0.29				3,384	17.88
	MCHD4025	0.02	0.05	0.07	0.10	0.12	0.25	0.49		9,087	41.90
	MCHD5025	0.03	0.06	0.09	0.12	0.14	0.29			7,187	35.60
	MCHD6025	0.04	0.07	0.11	0.15	0.19	0.37			6,083	27.70
	72	MCHD4015	0.12	0.23	0.35	0.47					2,066
MCHD5015		0.14	0.28	0.42						1,629	10.33
MCHD6015		0.18	0.36							1,303	8.18
MCHD4020		0.06	0.12	0.17	0.23	0.29				4,522	25.33
MCHD5020		0.07	0.14	0.21	0.28	0.35				3,661	21.12
MCHD6020		0.08	0.16	0.24	0.32	0.40				2,844	18.02
MCHD4025		0.03	0.07	0.10	0.14	0.17	0.34			7,635	42.60
MCHD5025		0.04	0.08	0.12	0.16	0.20	0.41			6,039	35.80
MCHD6025		0.05	0.10	0.16	0.21	0.26				5,111	27.90
78	MCHD4020	0.08	0.16	0.24	0.32	0.40				3,835	25.40
	MCHD5020	0.09	0.19	0.28	0.38	0.47				3,119	21.20
	MCHD6020	0.11	0.22	0.33	0.44					2,423	18.10
	MCHD4025	0.05	0.09	0.14	0.19	0.23	0.47			6,506	42.85
	MCHD5025	0.06	0.11	0.17	0.22	0.28				5,145	36.00
	MCHD6025	0.07	0.14	0.21	0.29	0.36				4,355	28.10
84	MCHD4020	0.11	0.21	0.32	0.42					3,322	25.60
	MCHD5020	0.13	0.25	0.38	0.51					2,689	21.30
	MCHD6020	0.15	0.30	0.45						2,089	18.20
	MCHD4025	0.06	0.13	0.19	0.25	0.31				5,610	42.90
	MCHD5025	0.07	0.15	0.22	0.30	0.37				4,437	36.20
	MCHD6025	0.10	0.19	0.29	0.38	0.48				3,755	28.30
90	MCHD4025	0.08	0.17	0.25	0.33	0.41				4,887	42.98
	MCHD5025	0.10	0.20	0.29	0.39	0.49				3,865	36.40
	MCHD6025	0.12	0.25	0.37	0.50					3,271	28.50
96	MCHD4025	0.11	0.21	0.32	0.43					4,295	43.10
	MCHD5025	0.13	0.25	0.38	0.50					3,397	36.60
	MCHD6025	0.16	0.32	0.48						2,875	28.70
102	MCHD4025	0.14	0.27	0.41						3,804	43.20
	MCHD5025	0.16	0.32	0.48						3,009	36.80
	MCHD6025	0.20	0.41							2,547	28.90

# Pultruded Grating Deflection Tables

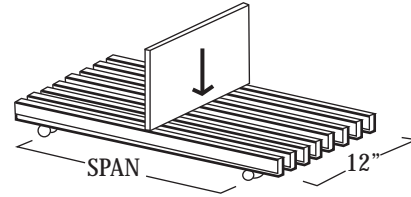


**Pultruded Heavy Duty Grating:  
Concentrated Line Load Deflection Table:**

SPAN in inches	STYLE	LOAD IN lbs/ft OF WIDTH								Max Rec. Load	Apparent El x 10 <sup>6</sup> (LB-IN <sup>2</sup> )
		50	100	150	200	250	500	1000	2000		
12	MCHD4010 &	0.00	0.00	0.01	0.01	0.01	0.02	0.03	0.07	11,275	1.06
	MCHD5010	0.00	0.00	0.01	0.01	0.01	0.02	0.04	0.08	9,318	0.90
	MCHD6010	0.00	0.01	0.01	0.01	0.01	0.03	0.05	0.10	7,548	0.72
	MCHD40 15 &	<0.01	<0.01	0.00	0.00	0.00	0.00	0.01	0.01	25,696	5.40
	MCHD5015	<0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.02	21,776	3.27
	MCHD6015	<0.01	0.00	0.00	0.00	0.00	0.01	0.02	0.03	17,720	2.40
	MCHD4020 &	<0.01	<0.01	<0.01	0.01	0.00	0.00	0.01	0.01	42,000	6.92
	MCHD5020	<0.01	<0.01	0.00	0.00	0.00	0.00	0.01	0.01	36,036	5.14
	MCHD6020	<0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.02	28,821	3.56
	MCHD4025 &	<0.01	<0.01	<0.01	<0.01	0.00	0.00	0.00	0.01	125,001	8.56
	MCHD5025	<0.01	<0.01	<0.01	0.00	0.00	0.00	0.00	0.01	104,168	6.02
MCHD6025	<0.01	<0.01	0.00	0.00	0.00	0.00	0.00	0.01	83,334	5.21	
18	MCHD4010 &	0.00	0.01	0.01	0.01	0.02	0.03	0.07	0.13	7,517	1.87
	MCHD5010	0.00	0.01	0.01	0.01	0.02	0.04	0.07	0.14	6,216	1.69
	MCHD6010	0.00	0.01	0.01	0.02	0.02	0.04	0.09	0.17	5,032	1.42
	MCHD40 15 &	<0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.03	17,130	8.84
	MCHD5015	<0.01	0.00	0.00	0.00	0.00	0.01	0.02	0.03	14,517	6.94
	MCHD6015	0.01	0.00	0.00	0.00	0.01	0.01	0.02	0.01	11,813	5.50
	MCHD4020 &	<0.01	<0.01	0.00	0.00	0.00	0.00	0.01	0.02	28,000	12.80
	MCHD5020	<0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.03	24,024	9.10
	MCHD6020	<0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.03	19,214	8.30
	MCHD4025 &	<0.01	<0.01	0.00	0.00	0.00	0.00	0.00	0.02	83,334	15.20
	MCHD5025	<0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.02	69,445	12.03
MCHD6025	<0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.02	55,556	9.85	
24	MCHD4010 &	0.01	0.01	0.02	0.02	0.03	0.06	0.12	0.24	5,637	2.44
	MCHD5010	0.01	0.01	0.02	0.03	0.03	0.07	0.13	0.26	4,659	2.18
	MCHD6010	0.01	0.02	0.02	0.03	0.04	0.08	0.16	0.32	3,774	1.82
	MCHD40 15 &	0.00	0.00	0.00	0.01	0.01	0.01	0.03	0.05	12,848	10.56
	MCHD5015	0.00	0.00	0.00	0.01	0.01	0.02	0.03	0.07	10,888	8.71
	MCHD6015	0.00	0.00	0.01	0.01	0.01	0.02	0.04	0.08	8,860	6.90
	MCHD4020 &	<0.01	0.00	0.00	0.00	0.00	0.01	0.02	0.08	21,000	16.80
	MCHD5020	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.04	18,018	12.90
	MCHD6020	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.05	14,411	12.30
	MCHD4025 &	<0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.03	62,501	21.00
	MCHD5025	<0.01	0.00	0.00	0.00	0.00	0.01	0.02	0.03	52,084	18.20
MCHD6025	<0.01	0.00	0.00	0.00	0.00	0.01	0.02	0.04	41,667	14.50	
30	MCHD4010 &	0.01	0.02	0.03	0.04	0.05	0.10	0.20	0.40	4,510	2.79
	MCHD5010	0.01	0.02	0.03	0.05	0.06	0.12	0.23	0.46	3,727	2.42
	MCHD6010	0.01	0.03	0.04	0.06	0.07	0.14	0.28	3,019	1.98	
	MCHD40 15 &	0.00	0.01	0.01	0.01	0.01	0.03	0.05	0.10	10,278	11.17
	MCHD5015	0.00	0.01	0.01	0.01	0.02	0.03	0.06	0.12	8,710	9.22
	MCHD6015	0.00	0.01	0.01	0.02	0.02	0.04	0.08	0.15	7,088	7.30
	MCHD4020 &	0.00	0.00	0.00	0.01	0.01	0.01	0.03	0.06	16,800	19.50
	MCHD5020	0.00	0.00	0.01	0.01	0.01	0.02	0.03	0.07	14,414	16.20
	MCHD6020	0.00	0.00	0.01	0.01	0.01	0.02	0.04	0.08	11,528	14.70
	MCHD4025 &	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.04	50,000	26.80
	MCHD5025	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.05	41,667	24.50
MCHD6025	0.00	0.00	0.00	0.01	0.01	0.01	0.03	0.06	33,334	19.50	

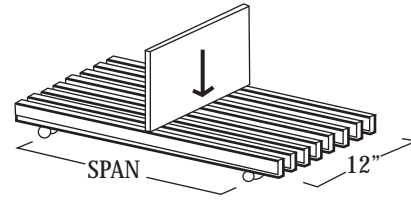
# Pultruded Grating Deflection Tables

Pultruded Heavy Duty Grating:  
Concentrated Line Load Deflection Table:



SPAN in inches	STYLE	LOAD IN lbs/ft OF WIDTH								Max Rec. Load	Apparent El x 10 <sup>6</sup> (LB-IN <sup>2</sup> )
		50	100	150	200	250	500	1000	2000		
36	MCHD4010 ⑤	0.02	0.03	0.05	0.07	0.08	0.16	0.33		3,758	2.98
	MCHD5010	0.02	0.04	0.06	0.08	0.09	0.19	0.38		3,106	2.56
	MCHD6010	0.02	0.05	0.07	0.09	0.12	0.23	0.46		2,516	2.10
	MCHD40 15 ⑤	0.00	0.01	0.01	0.02	0.02	0.04	0.08	0.17	8,565	11.55
	MCHD5015	0.01	0.01	0.02	0.02	0.03	0.05	0.10	0.20	7,259	9.53
	MCHD6015	0.01	0.01	0.02	0.03	0.03	0.06	0.13	0.26	5,907	7.55
	MCHD4020 ⑤	0.00	0.00	0.01	0.01	0.01	0.02	0.05	0.09	14,000	21.60
	MCHD5020	0.00	0.01	0.01	0.01	0.01	0.03	0.05	0.10	12,012	18.83
	MCHD6020	0.00	0.01	0.01	0.01	0.01	0.03	0.06	0.12	9,607	16.30
	MCHD4025 ⑤	0.00	0.00	0.00	0.01	0.01	0.02	0.03	0.06	41,667	32.20
	MCHD5025	0.00	0.00	0.01	0.01	0.01	0.02	0.03	0.07	34,723	28.80
	MCHD6025	0.00	0.00	0.01	0.01	0.01	0.02	0.04	0.08	27,778	23.25
42	MCHD4010 ⑤	0.02	0.05	0.07	0.10	0.12	0.25	0.50		2,221	3.10
	MCHD5010	0.03	0.06	0.09	0.12	0.15	0.30			2,662	2.60
	MCHD6010	0.04	0.07	0.11	0.14	0.18	0.36			1,566	2.14
	MCHD40 15 ⑤	0.01	0.01	0.02	0.03	0.03	0.07	0.13	0.26	7,342	11.78
	MCHD5015	0.01	0.02	0.02	0.03	0.04	0.08	0.16	0.32	6,222	9.72
	MCHD6015	0.01	0.02	0.03	0.04	0.05	0.10	0.20	0.40	5,063	7.70
	MCHD4020 ⑤	0.00	0.01	0.01	0.01	0.02	0.03	0.07	0.13	12,000	23.00
	MCHD5020	0.00	0.01	0.01	0.02	0.02	0.04	0.08	0.15	10,296	20.10
	MCHD6020	0.00	0.01	0.01	0.02	0.02	0.05	0.09	0.18	8,235	17.10
	MCHD4025 ⑤	0.00	0.00	0.01	0.01	0.01	0.02	0.04	0.09	35,714	35.90
	MCHD5025	0.00	0.00	0.01	0.01	0.01	0.02	0.05	0.10	29,762	31.20
	MCHD6025	0.00	0.01	0.01	0.01	0.02	0.03	0.06	0.12	23,810	25.50
48	MCHD4010 ⑤	0.04	0.07	0.11	0.15	0.18	0.37			2,819	3.15
	MCHD5010	0.04	0.09	0.13	0.18	0.22	0.44			2,330	2.63
	MCHD6010	0.05	0.11	0.16	0.21	0.27				1,887	2.16
	MCHD4015 ⑤	0.01	0.02	0.03	0.04	0.05	0.10	0.19	0.38	6,424	12.09
	MCHD5015	0.01	0.02	0.03	0.05	0.06	0.12	0.23	0.46	5,444	9.97
	MCHD6015	0.01	0.03	0.04	0.06	0.07	0.15	0.29		4,430	7.90
	MCHD4020 ⑤	0.00	0.01	0.01	0.02	0.02	0.05	0.10	0.19	10,500	23.90
	MCHD5020	0.01	0.01	0.02	0.02	0.03	0.06	0.11	0.22	9,009	20.67
	MCHD6020	0.01	0.01	0.02	0.03	0.03	0.07	0.13	0.26	7,205	17.60
	MCHD4025 ⑤	0.00	0.01	0.01	0.01	0.02	0.03	0.06	0.12	31,250	38.40
	MCHD5025	0.00	0.01	0.01	0.01	0.02	0.03	0.07	0.14	26,042	33.10
	MCHD6025	0.00	0.01	0.01	0.02	0.02	0.04	0.09	0.17	20,834	26.50
54	MCHD4010 ⑤	0.05	0.10	0.15	0.21	0.26				2,506	3.18
	MCHD5010	0.06	0.12	0.19	0.25	0.31				2,071	2.65
	MCHD6010	0.07	0.15	0.22	0.30	0.37				1,677	2.19
	MCHD40 15 ⑤	0.01	0.03	0.04	0.05	0.07	0.13	0.27		5,710	12.25
	MCHD5015	0.02	0.03	0.05	0.06	0.08	0.16	0.32		4,839	10.11
	MCHD6015	0.02	0.04	0.06	0.08	0.10	0.20	0.41		3,938	8.01
	MCHD4020 ⑤	0.01	0.01	0.02	0.03	0.03	0.07	0.13	0.27	9,333	24.34
	MCHD5020	0.01	0.02	0.02	0.03	0.04	0.08	0.16	0.32	8,008	20.80
	MCHD6020	0.01	0.02	0.03	0.04	0.05	0.09	0.19	0.37	6,405	17.70
	MCHD4025 ⑤	0.00	0.01	0.01	0.02	0.02	0.04	0.08	0.16	27,778	40.50
	MCHD5025	0.00	0.01	0.01	0.02	0.02	0.05	0.10	0.19	23,148	34.50
	MCHD6025	0.01	0.01	0.02	0.02	0.03	0.06	0.12	0.24	18,519	27.30

# Pultruded Grating Deflection Tables



**Pultruded Heavy Duty Grating:  
Concentrated Line Load Deflection Table:**

SPAN in inches	STYLE	LOAD IN lbs/ft OF WIDTH								Max Rec. Load	Apparent EI x 10 <sup>6</sup> (LB-IN <sup>2</sup> )
		50	100	150	200	250	500	1000	2000		
60	MCHD4010 &	0.07	0.14	0.21	0.28	0.35				2,255	3.20
	MCHD5010	0.08	0.17	0.25	0.34	0.42				1,864	2.67
	MCHD6010	0.10	0.20	0.31	0.41	0.51				1,510	2.20
	MCHD40 15 &	0.02	0.04	0.05	0.07	0.09	0.18	0.36		5,139	12.43
	MCHD5015	0.02	0.04	0.07	0.09	0.11	0.22	0.44		4,355	10.26
	MCHD6015	0.03	0.06	0.08	0.11	0.14	0.28			3,544	8.13
	MCHD4020 &	0.01	0.02	0.03	0.04	0.05	0.09	0.18	0.36	8,400	24.69
	MCHD5020	0.01	0.02	0.03	0.04	0.05	0.11	0.21	0.43	7,207	21.02
	MCHD6020	0.01	0.03	0.04	0.05	0.06	0.13	0.25		5,764	17.78
	MCHD4025 &	0.01	0.01	0.02	0.02	0.03	0.05	0.11	0.22	25,000	41.20
	MCHD5025	0.01	0.01	0.02	0.03	0.03	0.06	0.13	0.26	20,833	35.10
MCHD6025	0.01	0.01	0.02	0.03	0.04	0.08	0.16	0.33	16,667	27.50	
66	MCHD4015 &	0.02	0.05	0.07	0.10	0.12	0.24	0.48		4,672	12.49
	MCHD5015	0.03	0.06	0.09	0.12	0.15	0.29			3,959	10.30
	MCHD6015	0.04	0.07	0.11	0.15	0.18	0.37			3,222	8.16
	MCHD4020 &	0.01	0.02	0.04	0.05	0.06	0.12	0.24	0.48	7,636	25.00
	MCHD5020	0.01	0.03	0.04	0.06	0.07	0.14	0.28		6,552	21.06
	MCHD6020	0.02	0.03	0.05	0.07	0.08	0.17	0.33		5,240	17.88
	MCHD4025 &	0.01	0.01	0.02	0.03	0.04	0.07	0.14	0.29	22,727	41.90
	MCHD5025	0.01	0.02	0.03	0.03	0.04	0.08	0.17	0.34	18,939	35.60
MCHD6025	0.01	0.02	0.03	0.04	0.05	0.11	0.22	0.43	15,152	27.70	
72	MCHD4015 &	0.03	0.06	0.09	0.12	0.16	0.31			4,283	12.52
	MCHD5015	0.04	0.08	0.11	0.15	0.19	0.38			3,629	10.33
	MCHD6015	0.05	0.10	0.14	0.19	0.24	0.48			2,953	8.18
	MCHD4020 &	0.02	0.03	0.05	0.06	0.08	0.15	0.31		7,000	25.33
	MCHD5020	0.02	0.04	0.06	0.07	0.09	0.18	0.37		6,006	21.12
	MCHD6020	0.02	0.04	0.06	0.09	0.11	0.22	0.43		4,804	18.02
	MCHD4025 &	0.01	0.02	0.03	0.04	0.05	0.09	0.18	0.37	20,834	42.60
	MCHD5025	0.01	0.02	0.03	0.04	0.05	0.11	0.22	0.43	17,361	35.80
MCHD6025	0.01	0.03	0.04	0.06	0.07	0.14	0.28		13,889	27.90	
78	MCHD4020 &	0.02	0.04	0.06	0.08	0.10	0.09	0.39		6,462	25.40
	MCHD5020	0.02	0.05	0.07	0.09	0.12	0.23	0.47		5,544	21.20
	MCHD6020	0.03	0.05	0.08	0.11	0.14	0.27			4,434	18.10
	MCHD4025 &	0.01	0.02	0.03	0.05	0.06	0.12	0.23	0.46	19,231	42.85
	MCHD5025	0.01	0.03	0.04	0.05	0.07	0.14	0.27		16,026	36.00
	MCHD6025	0.02	0.04	0.05	0.07	0.09	0.18	0.35		12,821	28.10
84	MCHD4020 &	0.02	0.05	0.07	0.10	0.12	0.24	0.48		6,000	25.60
	MCHD5020	0.03	0.06	0.09	0.12	0.14	0.29			5,148	21.30
	MCHD6020	0.03	0.07	0.10	0.14	0.17	0.34			4,117	18.20
	MCHD4025 &	0.01	0.03	0.04	0.06	0.07	0.14	0.29		17,858	42.90
	MCHD5025	0.02	0.03	0.05	0.07	0.09	0.17	0.34		14,881	36.20
	MCHD6025	0.02	0.04	0.07	0.09	0.11	0.22	0.44		11,905	28.30
90	MCHD4020 &	0.02	0.04	0.05	0.07	0.09	0.18	0.35		16,667	42.98
	MCHD5020	0.02	0.04	0.06	0.08	0.10	0.21	0.42		13,889	36.40
	MCHD6020	0.03	0.05	0.08	0.11	0.13	0.27			11,111	28.50
96	MCHD4025 &	0.02	0.04	0.06	0.09	0.11	0.21	0.43		15,625	43.10
	MCHD5025	0.03	0.05	0.08	0.10	0.13	0.25	0.50		13,021	36.60
	MCHD6025	0.03	0.06	0.10	0.13	0.16	0.32			10,417	28.70
102	MCHD4025 &	0.03	0.05	0.08	0.10	0.13	0.26	0.51		14,706	43.20
	MCHD5025	0.03	0.06	0.09	0.12	0.15	0.30			12,255	36.80
	MCHD6025	0.04	0.08	0.11	0.15	0.19	0.38			9,804	28.90

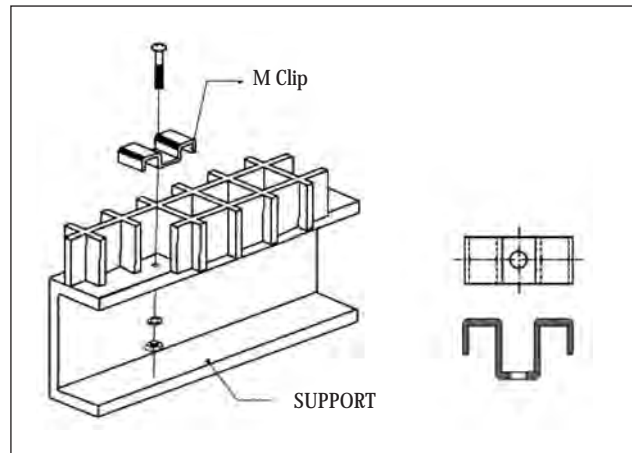


## Molded & Pultruded Grating Clips

Mona Composites supplies a number of different types of 316SS clips to attach gratings to supporting members. Although the clips are illustrated here with molded grating products, similar clips are available for our pultruded grating as well. Contact Mona Composites for more information.

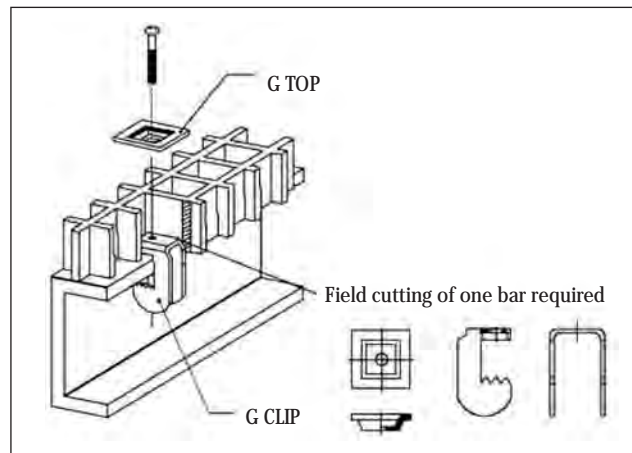
### M Clips

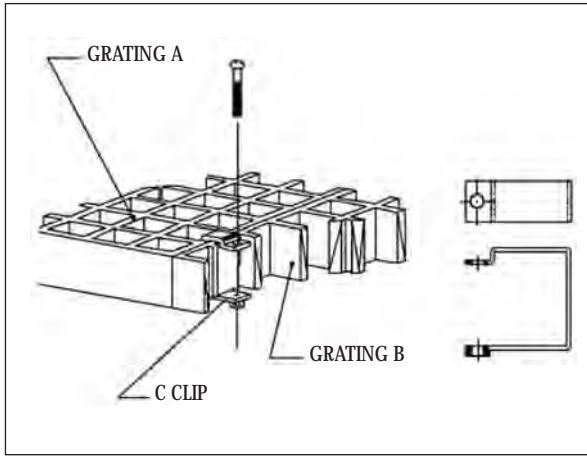
"M" Clips clamp two load bars to the supporting member. This provides excellent hold down capability. "M" Clips are recommended for stair treads and most molded and pultruded gratings.



### G Clips

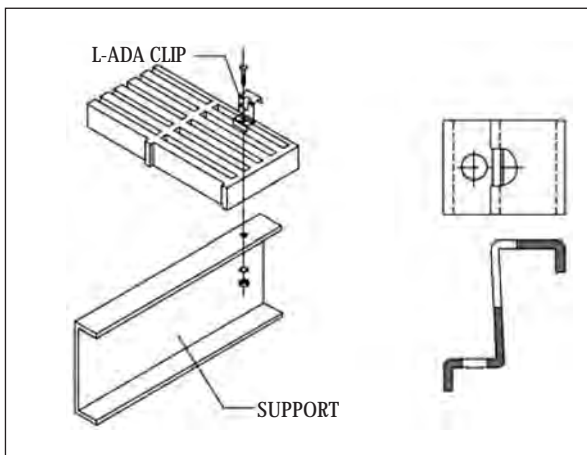
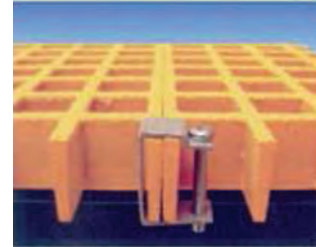
"G" Clips are used to attach grating to any structural support without drilling for bolts. This not only provides excellent bidirectional holding capability for molded square mesh grating but also reduces installation labor cost.





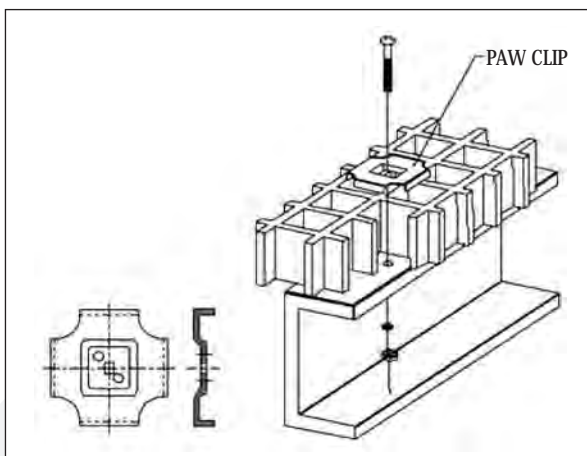
## C Clips

"C" Clips are designed to attach two panels of molded gratings together. This helps minimize differential deflections when joints fall between supports.



## L Clips

This lighter duty clip is used to hold one load bar to the support for lighter loads. It is available for both molded and pultruded gratings.



## PAW Clips

Mona Composites "PAW" Clip is used to maximize the hold down capacity of square mesh molded grating. These clips clamp 4 load bars to the support, offering excellent bidirectional resistance to loads from seismic or other lateral forces.

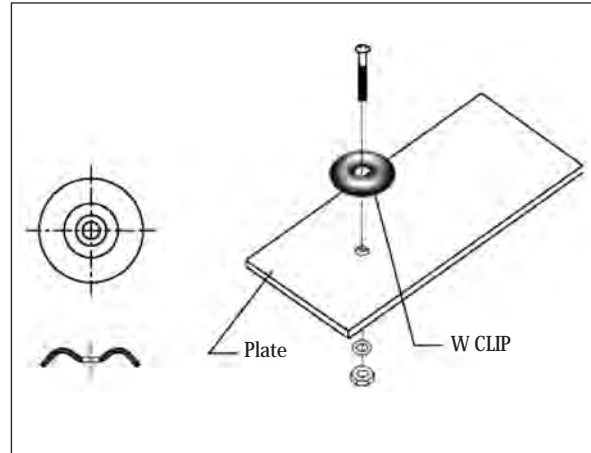
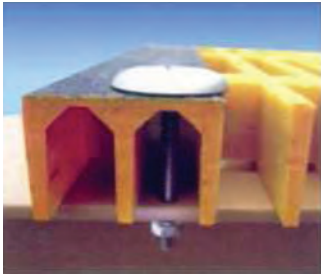




# Molded & Pultruded Grating Clips

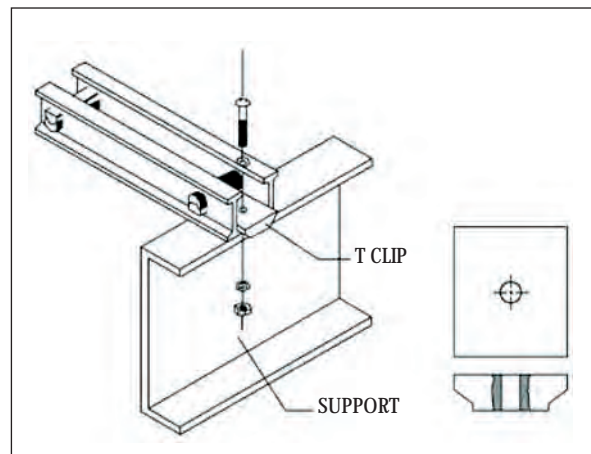
## W Clips

"W" Clips are used to attach FRP plates, COVERED Molded or pultruded grating pieces to support members.



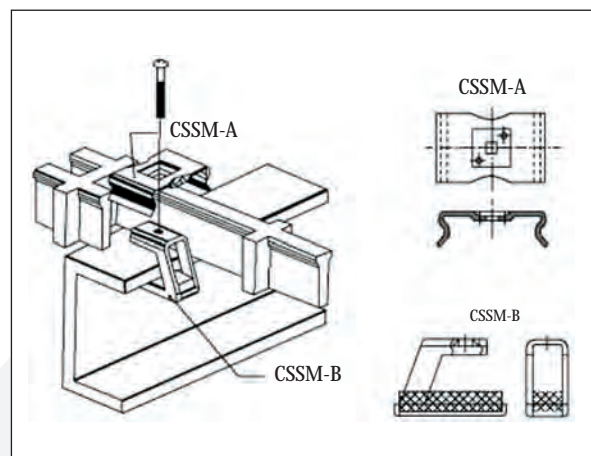
## T Clips

"T" Clips are utilized when clips have to be below the pultruded grating surface. These clips should be specified in pairs as shown.



## CSSM Clips - Plan A

Developed by our design team, the CSSM system is ideal for applications where vibration is an issue. This is a modified "G" Clip where jaw teeth that can damage steel coatings are replaced with a hard Neoprene Pad. Tightening the clip builds in a "spring" that minimizes loosening.



# Chemical Resistance Chart

CHEMICAL ENVIRONMENT	% CONCENTRATION	TEMPERATURE	POLYESTER	ISOPHTHALIC	VINYLESTER
Acetic Acid	50	MAX	NR	NR	R
Acetone	100	75	NR	NR	NR
Alcohols	100	120	NR	NR	NR
Alum	ALL	MAX	R	NR	120
Aluminum Chloride	ALL	MAX	NR	NR	120
Aluminum Fluoride	20	75	SS	SS	R
Ammonium Hydroxide	30	75	NR	NR	R
Ammonium Salts-Neutral	ALL	120	R	R	R
Ammonium Salts-Aggressive	ALL	75	SSI	SSI	SSF
Aromatic Solvents	ALL	75	NR	NR	TEST
Barium Salts	ALL	MAX	R	R	R
Benzene	100	140	NR	SSI	SSI
Black Liquor (Pulp Mill)	ALL	MAX	NR	SSI	R
Bleach Liquor (Pulp Mill)	ALL	MAX	NR	SSI	R
Calcium Hydroxide	25	MAX	SSI	SSF	R
Calcium Hypochlorite	ALL	MAX	NR	SSI	R
Calcium Salts	ALL	MAX	R	R	R
Carbon Tetrachloride	100	75	NR	SSI	R
Chlorinated Hydrocarbons	100	75	TEST	TEST	TEST
Chlorine Dioxide	SAT	140	NR	NR	R
Chlorine Water	SAT	120	TEST	SSI	R
Chlorine, Wet	SAT	MAX	NR	NR	R
Chlorobenzene	100	75	NR	NR	SSF
Chlorobenzene	ALL	Up to 100	NR	NR	R
Chloroform	100	75	NR	NR	NR
Chromic Acid	50	140	NR	SSF	SSF
Citric Acid	ALL	MAX	R	R	R
Copper Cyanide Plating	ALL	125	SSI	SSF	R
Copper Salts	ALL	MAX	R	R	R
Crude Oil (Sweet or Sour)	ALL	MAX	R	R	R
Dichlorobenzene	100	75	NR	NR	NR
Ethers		75	NR	NR	NR
Ferric Chloride	100	MAX	R	R	R
Ferric Salts	ALL	MAX	R	R	R
Fluoride Salts+HCl	ALL	75	NR	SSF	R
Fluosilicic Acid	10	75	SSF	SSF	R
Formaldehyde	37	150	SSI	SSI	R
Formic Acid	25	100	SSI	SSF	R
Fuel (Diesel, Jet, Gasoline)	ALL	100	R	R	R
Glycerine	100	MAX	R	R	R
Green Liquor (Pulp Mill)	ALL	MAX	NR	NR	R
Hydrobromic Acid	48	MAX	NR	SSF	SSF
Hydrochloric Acid	10	MAX	NR	NR	R
Hydrochloric Acid	30	MAX	NR	NR	R
Hydrochloric Acid (concentrated)	ALL	Up to 180	NR	NR	SSI
Hydrocyanic Acid	ALL	MAX	NR	NR	R
Hydrofluoric Acid	20	75	NR	NR	SSF
Hydrogen Peroxide	30	75	NR	R	R
Lactic Acid	100	MAX	NR	R	R
Lime Slurry	SAT	MAX	R	R	R
Lithium Chloride	AT	MAX	NR	NR	NR
Lithium Salts	ALL	MAX	R	R	R
Magnesium Salts	ALL	MAX	R	R	R
Maleic Acid	100	MAX	NR	SSF	R
Mercury Chloride	100	MAX	R	R	R
Nickel Salts	ALL	MAX	R	R	R
Nitric Acid	20	120	SSI	SSF	R
Nitric Acid	35	100	NR	NR	R
Nitric Acid	40	Ambient	NR	NR	SSI
Nitric, Hydrofluoric	20:2	75	NR	NR	SSI
Nitrous Acid	10	75	R	R	R
Ozone for Sewage Treatment		100	R	R	R
Phenol	10	75	NR	NR	R
Phenol	88	Ambient	NR	NR	SSF
Phosphoric Acid	85	MAX	SSF	R	R
Phosphoric Acid, Super	115	MAX	TEST	SSI	R
Potassium Hydroxide	10	120	NR	SSI	R
Potassium Salts	ALL	MAX	R	R	R
Silver Nitrate	100	MAX	R	R	R
Sodium Cyanide	ALL	75	R	R	R
Sodium Hydroxide	50	MAX	NR	NR	120
Sodium Hydroxide	10	MAX	NR	NR	120
Sodium Hypochlorite (Stable)	10	100	SSI	SSF	R
Sodium Salts-Neutral	ALL	MAX	R	R	R
Sodium Salts-Aggressive	ALL	75	TEST	SSI	SSF
Sulfur Dioxide	SAT	MAX	NR	NR	R
Sulfuric Acid	25	MAX	NR	R	R
Sulfuric Acid	50	MAX	NR	NR	NR
Sulfuric Acid	75	100	NR	SSI	R
Toluene	100	120	NR	SSI	SSF
Trichloroethane 1,1,1	ALL	75	NR	SSI	SSF
Trisodium Phosphate	50	MAX	SSI	SSI	R
Water (Fresh, Salt, Moderate D.I.)	100	MAX	R	R	R
Wet Chlorine/Hydrochloric Acid	10-20	Up to 350	NR	NR	SSF
White Liquor (Pulp Mill)	ALL	MAX	NR	NR	R
Zinc Chloride Plating	ALL	75	NR	SSF	R
Zinc Salts	100	MAX	R	R	R

NR = NOT RESISTANT

R = RESISTANT

SSI = SPLASHES & SPILLS INFREQUENT

SSF = SPLASHES & SPILLS FREQUENT

TEST = TEST ON PRODUCT



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