

5-1/2" x 1-1/2" x 1/4" Channel

ALLOWABLE UNIFORM LOADS (lbs./ft. / N/m.)

Major Axis

*****Laterally Supported*****

$$A_w(\text{in.}^2 / \text{mm.}^2) = 1.3125 / 846.7$$

$$I(\text{in.}^4 / \text{mm.}^4) = 7.38 / 3071788$$

$$\text{Wt. (lbs. / kg/m)} = 1.49 / 2.22$$

$$S(\text{in.}^3 / \text{mm.}^3) = 2.684 / 43917.00$$

SPAN FT/m	MAXIMUM LOAD		DEFLECTION				
			L/100	L/150	L/180	L/240	L/360
3/0.91	1311/19127	Fv	---/---	---/---	---/---	1118/16318	745/10869
4/1.22	803/11722	Fv	---/---	---/---	739/10781	554/8078	368/5376
5/1.52	513/7491	Fb	---/---	493/7200	411/5995	308/4489	204/2983
6/1.83	356/5193	Fb	---/---	299/4365	249/3633	186/2717	123/1802
7/2.13	261/3808	Fb	---/---	194/2825	161/2349	120/1755	79/1160
8/2.44	199/2908	Fb	199/2899	132/1923	109/1597	82/1191	54/784
9/2.74	157/2292	Fb	141/2057	93/1362	77/1130	58/840	38/550
10/3.05	127/1851	Fb	103/1507	68/995	56/825	42/611	27/398
11/3.35	104/1525	Fb	78/1134	51/746	42/617	31/456	20/294
12/3.66	87/1276	Fb	60/872	39/572	32/472	24/346	15/221
13/3.96	74/1083	Fb	47/683	31/446	25/367	18/268	12/169
14/4.27	64/930	Fb	37/543	24/352	20/289	14/209	9/130
15/4.57	55/806	Fb	30/438	19/282	16/230	11/165	7/100

Minor Axis

*****Laterally Supported*****

$$A_w(\text{in.}^2 / \text{mm.}^2) = 0.56 / 361.2$$

$$I(\text{in.}^4 / \text{mm.}^4) = 0.32 / 133194$$

$$\text{Wt. (lbs. / kg/m)} = 1.49 / 2.22$$

$$S(\text{in.}^3 / \text{mm.}^3) = 0.287 / 4752.00$$

SPAN FT/m	MAXIMUM LOAD		DEFLECTION				
			L/100	L/150	L/180	L/240	L/360
3/0.91	211/3073	Fb	166/2425	110/1607	91/1334	68/993	45/652
4/1.22	118/1716	Fb	71/1029	46/676	38/559	28/412	18/265
5/1.52	75/1088	Fb	36/518	23/336	19/275	14/199	8/123
6/1.83	51/746	Fb	20/289	13/183	10/148	7/104	4/59

The part weight has been deducted in the above tables.

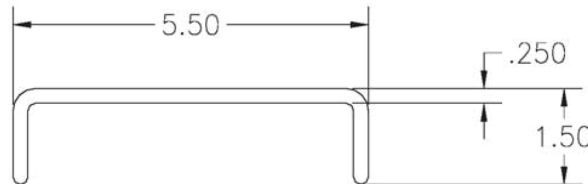
English/Metric

This item is stocked in 20-foot lengths in Standard Polyester (STD) and Polyester Fire Retardant (FR).

Other lengths available in mill run quantities.

The mill run on this item is 1,000 feet.

Orders for less than mill run quantities will be subject to set-up charges as well as premium per foot cost.



	PROJECT NAME AND LOCATION:	THIS DRAWING IS THE SOLE PROPERTY OF COOLING TOWER DEPOT INC. USE SHALL BE LIMITED TO THE PROJECT FOR WHICH IT IS INTENDED. NO REPRODUCTION SHALL BE MADE NOR SHALL THIS INFORMATION BE MADE AVAILABLE TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT BY COOLING TOWER DEPOT INC. ANY AND ALL PROPRIETARY RIGHTS TO THIS INFORMATION AND DESIGN ARE THE SOLE PROPERTY OF COOLING TOWER DEPOT INC.				COOLING TOWER DEPOT, INC CORPORATE CIRCLE GOLDEN, CO 80401 720-746-1234	JOB NUMBER: 0 SCALE: NO SCALE	SHEET: 1 of 1 NO SCALE	PART: 1 NO SCALE	DRAWING NUMBER: A-100	
	MODEL NO.:	REV.:	DESIGNED BY:	CHECKED BY:	APPROVED BY:						DATE:
	DWG NAME:										
	DRAWING NUMBER: A-100	JOB NUMBER:	SHEET: 1 of 1	REV.:	0						
SCALE: NO SCALE	COMMENTS:										