

# 3-1/2" X 1/4" FRP Square Tube

## ALLOWABLE UNIFORM LOADS (lbs./ft. / *N/m.*) Laterally Supported

$A_w = 1.5 \text{ in.}^2 / 967\text{mm.}^2$   
 $I = 5.73 \text{ in.}^4 / 2385006\text{mm.}^4$

$Wt. = 2.49 \text{ lbs./ft.} / 3.71 \text{ kg/m.}$   
 $S = 3.27 \text{ in.}^3 / 53585\text{mm.}^3$

SPAN FT/m	MAXIMUM LOAD		DEFLECTION				
			L/100	L/150	L/180	L/240	L/360
4/1.22	1122/16374	F <sub>v</sub>	1113/16243	741/10814	617/9004	462/6742	307/4480
5/1.52	869/12682	F <sub>b</sub>	605/8829	402/5867	335/4889	250/3649	166/2423
6/1.83	602/8786	F <sub>b</sub>	361/5268	240/3503	199/2904	149/2175	98/1430
7/2.13	442/6451	F <sub>b</sub>	231/3741	153/2233	127/1853	95/1386	62/905
8/2.44	338/4933	F <sub>b</sub>	156/2277	103/1503	85/1240	63/919	41/598
9/2.74	266/3882	F <sub>b</sub>	110/1605	72/1051	60/876	44/642	28/409
10/3.05	215/3138	F <sub>b</sub>	80/1168	52/759	43/628	32/467	20/292
11/3.35	177/2583	F <sub>b</sub>	60/876	39/569	32/467	23/336	14/204
12/3.66	148/2160	F <sub>b</sub>	45/657	29/423	24/350	17/248	10/146
13/3.96	126/1839	F <sub>b</sub>	35/511	22/321	18/263	13/190	8/117
14/4.27	108/1576	F <sub>b</sub>	28/409	17/248	14/204	10/146	6/88

The part weight has been deducted in the above table.

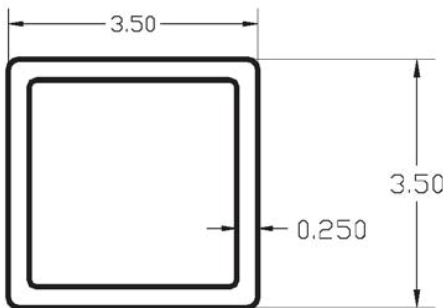
English/ Metric

This item is stocked in 20-foot lengths.

Other lengths available in mill run quantities.

The mill run on this item is 800 feet.

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



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	MODEL NO.:	REVISIONS									
	DWG NAME:	REV.	DESCRIPTION	DESIGNED BY:	CHECKED BY:					APPROVED BY:	DATE:
	DRAWING NUMBER: A-100	JOB NUMBER:	SHEET: 1 of 1	REV: 0							
SCALE: NO SCALE	COMMENTS:										