

2" X 1/4" FRP Angle

ALLOWABLE CONCENTRIC AXIAL STRESSES AND LOADS

$$A = .92 \text{ in.}^2 / 593.5 \text{ mm.}^2$$

$$r = .38 \text{ in.} / 9.65 \text{ mm.}$$

$$b/t = 8$$

Effective Length (ft. / m)	$\frac{Kl}{r}$	F_a (psi/kPa)	P_a (lbs./N)
1.00/0.30	31.6	3511/24207	3230/14368
1.50/0.46	47.4	2835/19550	2609/11604
2.00/0.61	63.2	2160/14892	1987/8839
2.50/0.76	78.9	1484/10234	1366/6075
3.00/0.91	94.7	1026/7077	944/4200
3.50/1.07	110.5	754/5199	694/3086
4.00/1.22	126.3	577/3981	531/2363
4.50/1.37	142.1	456/3145	420/1867
5.00/1.52	157.9	369/2548	340/1512
5.50/1.68	173.7	305/2105	281/1250
6.00/1.83	189.5	257/1769	236/1050

English/Metric

