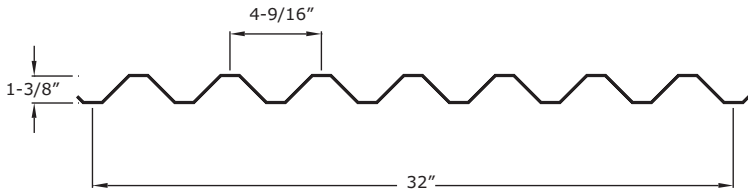
CF 1 3/8″ Concrete Form



CF 1 3/8 - Section Properties

Gauge	Weight (psf)	I (In4)	S+ (In3)	S-- (In3)
26	1.04	0.072	0.094	0.094
24	1.33	0.065	0.131	0.131
22	1.62	0.122	0.169	0.169
20	1.92	0.146	0.205	0.205
18	2.56	0.195	0.263	0.263

CF 1 3/8 Allowable Total (DL + LL) Uniform Load (psf)

Span Condition	CF 1 3/8 Gauge		Span (ft) 2'0"	2'6"	3'0"	3'6"	4'0"	4'6"	5'0"	5'6"	6'0"	6'6"	7'0
SINGLE SPAN	26	Stress	251	184	141	111	90	75	63	53	46	40	35
		Defl	233	147	98	69	50	38	29	23	18	15	12
	24	Stress	349	257	197	155	126	104	87	74	64	56	49
		Defl	317	200	134	94	69	51	40	31	25	20	17
	22	Stress	451	331	254	200	162	134	113	96	83	72	63
		Defl	395	249	167	117	85	64	49	39	31	25	21
	20	Stress	547	402	308	243	197	163	137	116	100	87	77
		Defl	473	298	199	140	102	77	59	46	37	30	25
	18	Stress	444	326	249	197	159	132	111	94	81	71	62
		Defl	444	326	249	187	136	102	79	62	50	40	33
DOUBLE SPAN	26	Stress	251	184	141	111	90	75	63	53	46	40	35
		Defl	251	184	141	111	90	75	62	53	44	35	29
	24	Stress	349	257	197	155	126	104	87	74	64	56	49
		Defl	349	257	197	155	126	104	87	74	60	48	40
	22	Stress	451	331	254	200	162	134	113	96	83	72	63
		Defl	451	331	254	200	162	134	113	93	74	60	50
	20	Stress	547	402	308	243	197	163	137	116	100	87	77
		Defl	547	402	308	243	197	163	137	111	89	72	59
	18	Stress	444	326	249	197	159	132	111	94	81	71	62
		Defl	444	326	249	197	159	132	111	94	81	71	62
TRIPLE SPAN	26	Stress	313	230	176	139	113	93	78	67	58	50	44
		Defl	313	230	176	130	95	71	54	43	34	28	23
	24	Stress	437	321	246	194	157	130	109	93	80	70	61
		Defl	437	321	246	177	129	97	74	58	47	38	31
	22	Stress	563	414	319	250	203	168	141	120	103	90	79
		Defl	563	414	319	220	160	120	93	73	58	47	39
	20	Stress	683	502	384	304	246	203	171	146	126	109	96
		Defl	683	502	376	264	192	144	111	87	70	57	47
	18	Stress	555	407	312	246	199	165	138	118	101	88	78
		Defl	555	407	312	246	199	165	138	117	93	76	62

1. Stress based on allowable flexural stress of 36 ksi (for 18 ga. stress based on allowable flexural stress of 22.8 ksi).
2. Deflection based on maximum Deflection of L/180.
3. Adequate bearing must be provided.