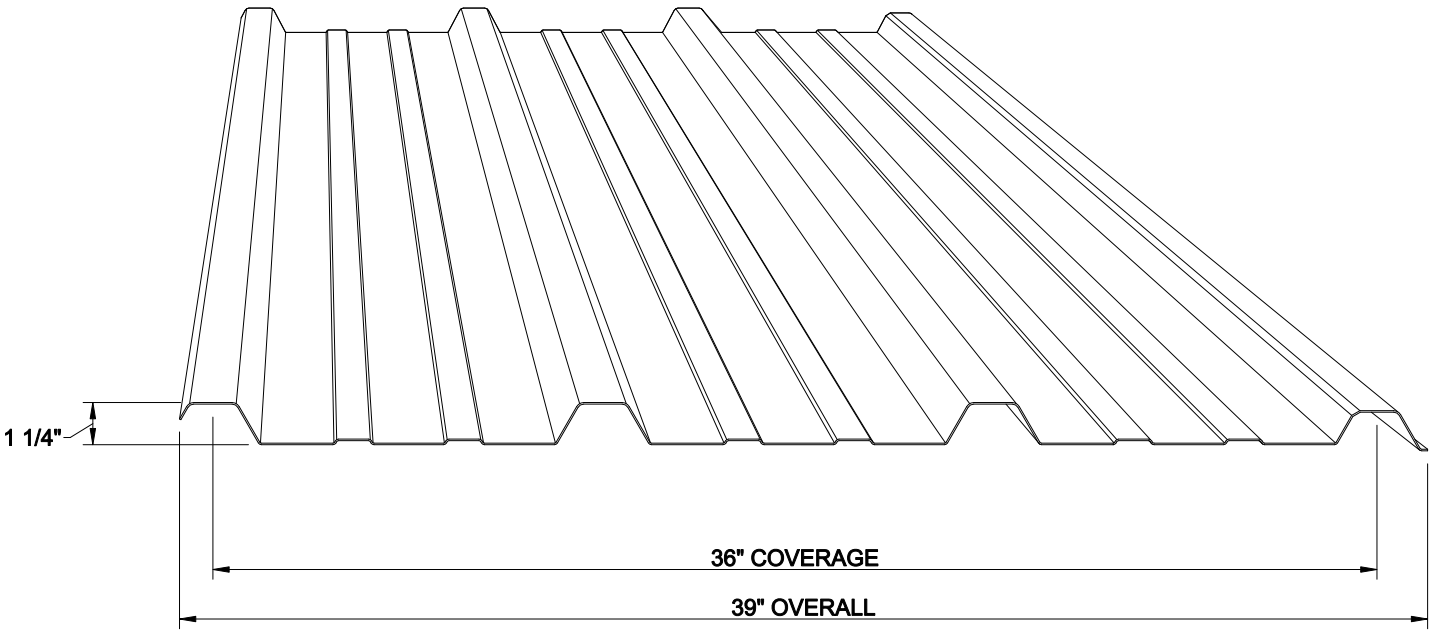
"Flexrib" Standard Details



Flexrib Load Table

Thickness	# Spans	Span Length 3'	3' 6"	4'	4' 6"	5'	5' 6"	6'	6' 6"	7'	7' 6"	8'	8' 6"	9'	9' 6"	10'
18 Ga STL.	1	216	158	121	96	77	64	54	46	39	34	30	26	24	21	19
	Defl.	0.10"	0.14"	0.18"	0.23"	0.29"	0.35"	0.41"	0.48"	0.56"	0.64"	0.73"	0.83"	0.93"	1.03	1.14"
	3	253	185	142	112	91	75	63	53	46	40	35	31	28	25	22
	Defl.	0.07"	0.10"	0.13"	0.16"	0.20"	0.25"	0.29"	0.34"	0.40"	0.46"	0.52"	0.59"	0.66"	0.73"	0.81"
20 Ga STL.	1	159	117	89	71	57	47	39	34	29	25	22	19	17	15	14
	Defl.	0.10"	0.14"	0.18"	0.23"	0.29"	0.35"	0.41"	0.48"	0.56"	0.64"	0.73"	0.83"	0.93"	1.03"	1.14"
	3	183	135	103	81	66	54	45	39	33	29	25	22	20	18	16
	Defl.	0.08"	0.10"	0.13"	0.17"	0.21"	0.25"	0.30"	0.36"	0.41"	0.47"	0.54"	0.61"	0.68"	0.76"	0.84"
22 Ga STL.	1	160	117	90	71	57	47	40	34	29	25	22	19	17	16	14
	Defl.	0.14"	0.19"	0.24"	0.31"	0.38"	0.46"	0.55"	0.64"	0.75"	0.86"	0.97"	1.10"	1.23"	1.37"	1.52"
	3	193	142	108	86	69	57	48	41	35	31	27	24	21	19	17
	Defl.	0.11"	0.15"	0.19"	0.24"	0.30"	0.36"	0.43"	0.51"	0.59"	0.68"	0.77"	0.87"	0.97"	1.08"	1.20"
24 Ga STL.	1	117	86	66	52	42	35	29	25	21	18	16	14	13	-	-
	Defl.	0.14"	0.18"	0.24"	0.30"	0.38"	0.46"	0.54"	0.64"	0.74"	0.85"	0.96"	1.09"	1.22"	-	-
	3	137	100	77	61	49	40	34	29	25	22	19	17	15	13	12
	Defl.	0.10"	0.14"	0.18"	0.23"	0.29"	0.35"	0.41"	0.49"	0.56"	0.65"	0.74"	0.83"	0.93"	1.04"	1.15"
26 Ga STL.	1	75	55	42	33	27	22	18	16	13	12	-	-	-	-	-
	Defl.	0.13"	0.18"	0.24"	0.30"	0.37"	0.45"	0.53"	0.62"	0.72"	0.83"	-	-	-	-	-
	3	89	65	50	39	32	26	22	19	16	14	12	-	-	-	-
	Defl.	0.10"	0.14"	0.18"	0.23"	0.28"	0.34"	0.41"	0.48"	0.55	0.63"	0.72"	-	-	-	-

Stress governing, 37 ksi yield for 18, 20 Ga; 50 ksi for 22, 24 and 26 Ga. (PSF)

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"Flexrib" Standard Details

COVER

DRAWN BY: D.UREY

DATE: 9/20/05

CHECKED BY:

DATE:

DRAWING NO. Flexrib—C