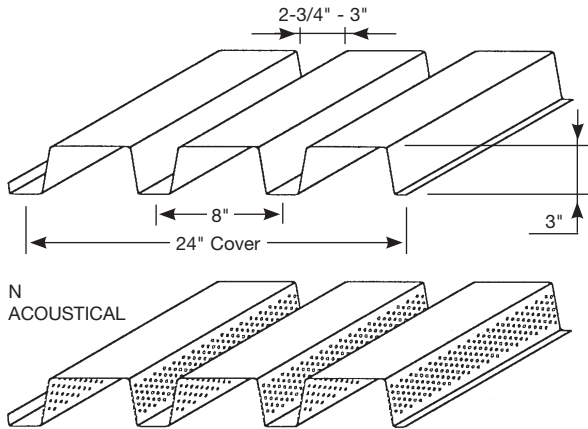


## 3" Deep Rib Roof Deck - Type N



Wheeling  
Roof Deck



### Section Properties (per ft. of width)

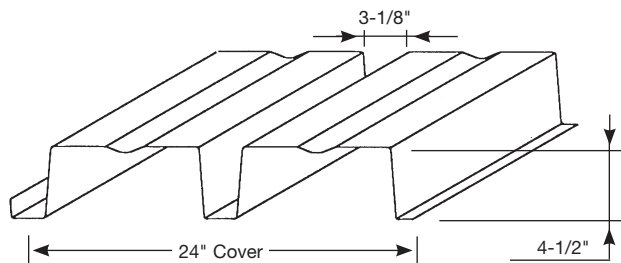
Gage	t in	Sp in <sup>3</sup>	Sn in <sup>3</sup>	Ip in <sup>4</sup>	In in <sup>4</sup>	Wt. (psf)	
						Galv.	Ptd.
22	0.0295	0.390	0.439	0.675	0.894	2.1	2.0
20	0.0358	0.500	0.555	0.870	1.091	2.5	2.4
18	0.0474	0.686	0.745	1.266	1.446	3.3	3.2
16	0.0600	0.894	0.943	1.725	1.834	4.2	4.1

### Allowable Uniform Total Loads - psf

Fy= 33 ksi

Number of Spans	Type	Span - Feet & Inches										
		9'-0"	9'-6"	10'-0"	10'-6"	11'-0"	11'-6"	12'-0"	12'-6"	13'-0"	13'-6"	14'-0"
1 Span	22	64	57	51	47	43	39	36	33	30	28	26
	20	81	73	66	59	53	48	43	39	36	33	31
	18	112	100	91	82	72	65	58	53	48	44	40
	16	146	131	118	107	95	84	75	68	61	56	51
2 Span	22	71	63	57	52	47	43	40	37	34	32	29
	20	89	80	73	66	60	55	51	47	43	40	37
	18	120	108	98	89	81	74	68	63	58	54	50
	16	152	137	124	112	102	94	86	79	73	68	63
3 Span	22	83	78	71	65	59	54	50	46	42	39	37
	20	111	100	90	82	75	68	63	58	54	50	46
	18	150	135	122	111	101	92	85	78	72	67	62
	16	190	170	154	140	127	117	107	99	91	85	79

## 4-1/2" Deep Rib Roof Deck



### Section Properties (per ft. of width)

Gage	t in	Sp in <sup>3</sup>	Sn in <sup>3</sup>	Ip in <sup>4</sup>	In in <sup>4</sup>	Wt. (psf)
20	0.0359	0.763	0.654	2.195	2.272	2.7
19	0.0418	0.898	0.846	2.633	2.640	3.1
18	0.0478	1.038	0.999	3.082	3.061	3.6
16	0.0598	1.317	1.294	3.871	3.872	4.4

### Allowable Uniform Total Loads - psf

Fy= 33 ksi

Number of Spans	Type	Single Span - Feet & Inches														
		8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	13'-0"	14'-0"	15'-0"	16'-0"	17'-0"	18'-0"	19'-0"	20'-0"	21'-0"	22'-0"
1 Span	20	120	107	96	83	70	60	51	45	39	35	31	28	25	23	21
	19	160	142	119	98	82	70	61	53	46	41	37	33	30	27	25
	18	205	169	137	113	95	81	70	61	54	47	42	38	34	31	28
	16	272	215	174	144	121	103	89	77	68	60	54	47	42	37	34

Table Notes:

The loads shown to the left of the heavy bold lines are governed by bearing stress with a 4" end bearing.