



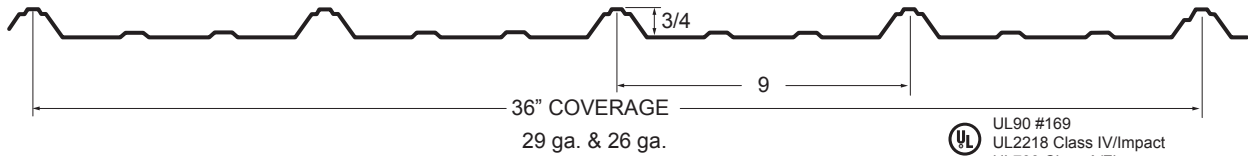
PRODUCT INFORMATION

Kansas City:
8341 Ruby Ave.
Kansas City, KS 66111
913-766-7200
855-818-4958 toll-free
913-766-7201 fax

Tulsa:
131 S. 147th E. Ave.
Tulsa, OK 74116
918-641-0641
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AG PANEL



SECTION PROPERTIES								
PANEL GAUGE	(Yield Stress) F _y (KSI)	WEIGHT (PSF)	TOP FLAT IN COMPRESSION (Positive Bending)			BOTTOM FLAT IN COMPRESSION (Negative Bending)		
			I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a (Kip in.)	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a (Kip in.)
29	80.0	0.73	0.0110	0.0174	0.6423	0.0062	0.0154	0.5543
26	80.0	0.92	0.0142	0.0232	0.8327	0.0085	0.0200	0.7170

NOTES

1. Section properties and allowables are computed in accordance with the 1986 edition of the AISI specifications.
2. I_x is for deflection determination.
3. S_e is for bending.
4. M_a is allowable bending movement.
5. All values are for one foot of panel width.

ALLOWABLE UNIFORM LOADS IN POUNDS PER SQUARE FOOT

29 Gauge (F_y=80KSI)

SPAN TYPE	LOAD TYPE	SPAN IN FEET						
		3.0	3.5	4.0	4.5	5.0	5.5	6.0
SINGLE	NEGATIVE WIND LOAD	55	40	31	24	20	16	14
	LIVE LOAD / DEFLECTION	28	17	12	8	6	5	3
2-SPAN	NEGATIVE WIND LOAD	63	47	36	28	23	19	16
	LIVE LOAD / DEFLECTION	41	30	23	18	14	11	8
3-SPAN	NEGATIVE WIND LOAD	79	58	45	35	29	24	20
	LIVE LOAD / DEFLECTION	51	33	22	16	11	8	7

26 Gauge (F_y=80KSI)

SPAN TYPE	LOAD TYPE	SPAN IN FEET						
		3.0	3.5	4.0	4.5	5.0	5.5	6.0
SINGLE	NEGATIVE WIND LOAD	71	52	40	31	25	21	18
	LIVE LOAD / DEFLECTION	37	23	16	11	8	6	5
2-SPAN	NEGATIVE WIND LOAD	82	60	46	37	30	24	21
	LIVE LOAD / DEFLECTION	53	39	30	24	19	14	11
3-SPAN	NEGATIVE WIND LOAD	103	76	58	46	37	31	26
	LIVE LOAD / DEFLECTION	66	44	29	21	15	11	9

NOTES

1. Allowable loads are based on uniform span lengths and F_y of 80 KSI.
2. Live load is allowable live load.
3. Wind load is allowable wind load and has been increased by 33 1/3%.
4. Deflection loads are limited by a maximum deflection ratio of L/180 of span or maximum bending stress from live load.
5. Weight of the panel has not been deducted from allowable loads.
6. Load table values do not include web crippling requirements.



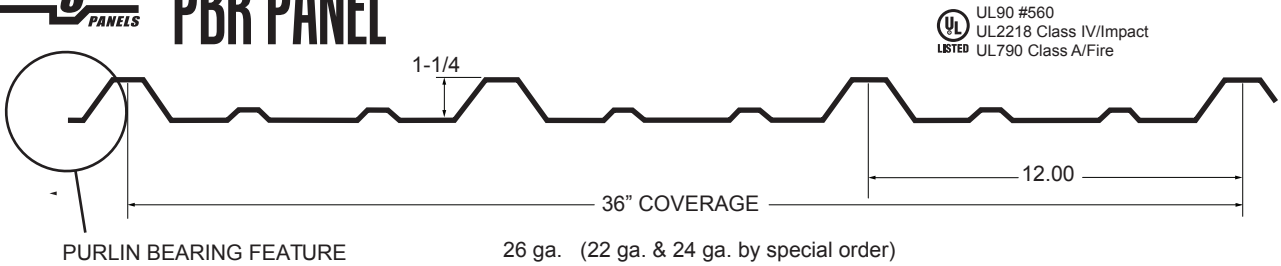
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PBR PANEL



SECTION PROPERTIES								
PANEL GAUGE	(Yield Stress) F _y (KSI)	WEIGHT (PSF)	TOP FLAT IN COMPRESSION (Positive Bending)			BOTTOM FLAT IN COMPRESSION (Negative Bending)		
			I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a (Kip in.)	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a (Kip in.)
29	80.0	0.81	0.0120	0.0157	0.5658	0.0125	0.0179	0.6454
26	80.0	0.87	0.0131	0.0172	0.6189	0.0137	0.1947	0.7010

NOTES

- All calculations for the properties of panels are calculated in accordance with the 1986 edition of the **Specifications for the Design of Light Gauge Cold Corred Steel Structures Members** - published by AISI (American Iron & Steel Institute).
- I_x is for deflection determination.
- S_e is for bending.
- M_a is allowable bending movement.
- All values are for one foot of panel width.

ALLOWABLE UNIFORM LOADS IN POUNDS PER SQUARE FOOT

29 Gauge (F_y=80KSI)

SPAN TYPE	LOAD TYPE	SPAN IN FEET					
		2.0	2.5	3.0	3.5	4.0	4.5
SINGLE	NEGATIVE WIND LOAD	143.4	91.8	63.7	46.8	35.9	28.3
	LIVE LOAD / DEFLECTION	94.3	50.5	29.2	18.4	12.3	8.7
2-SPAN	NEGATIVE WIND LOAD	125.7	80.5	55.9	41.1	31.4	24.8
	LIVE LOAD / DEFLECTION	107.6	68.8	47.8	35.1	26.9	20.9
3-SPAN	NEGATIVE WIND LOAD	157.2	100.6	69.9	51.3	39.3	31.0
	LIVE LOAD / DEFLECTION	134.5	86.1	55.2	34.7	23.3	16.3

26 Gauge (F_y=80KSI)

SPAN TYPE	LOAD TYPE	SPAN IN FEET					
		2.0	2.5	3.0	3.5	4.0	4.5
SINGLE	NEGATIVE WIND LOAD	155.8	99.7	69.2	50.9	38.9	30.8
	LIVE LOAD / DEFLECTION	103.2	55.1	31.9	20.1	13.5	9.5
2-SPAN	NEGATIVE WIND LOAD	137.5	88.0	61.1	44.9	34.4	27.2
	LIVE LOAD / DEFLECTION	116.8	74.8	51.9	38.1	29.2	22.8
3-SPAN	NEGATIVE WIND LOAD	171.9	110.0	76.4	56.1	43.0	34.0
	LIVE LOAD / DEFLECTION	146.0	93.5	60.2	37.9	25.4	17.8

NOTES

- Allowable loads are based on uniform span lengths and F_y of 80 KSI.
- Live load is allowable live load.
- Wind load is allowable wind load and has been increased by 33 1/3%.
- Deflection loads are limited by a maximum deflection ratio of L/240 of span or maximum bending stress from live load.
- Weight of the panel has not been deducted from allowable loads.
- Load table values do not include web crippling requirements.
- Minimum bearing length of 1.5" required.



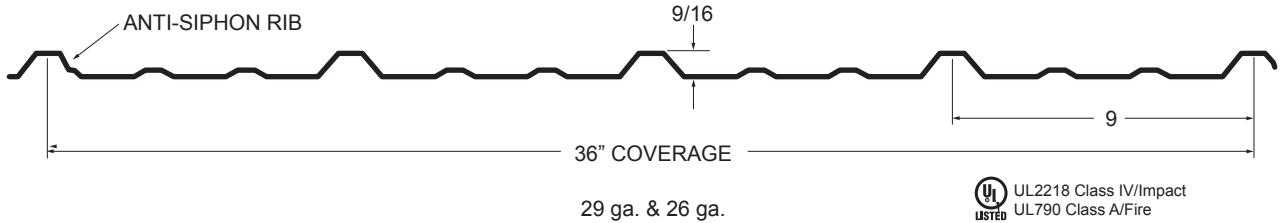
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FLAT-LOC PANEL



SECTION PROPERTIES								
PANEL GAUGE	(Yield Stress) F _y (KSI)	WEIGHT (PSF)	TOP FLAT IN COMPRESSION (Positive Bending)			BOTTOM FLAT IN COMPRESSION (Negative Bending)		
			I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a (Kip in.)	I _x (in. ⁴ /ft.)	S _e (in. ³ /ft.)	M _a (Kip in.)
29	80.0	0.698	0.0073	0.0152	0.5460	0.0053	0.0152	0.5477
26	80.0	0.860	0.0097	0.0198	0.7097	0.0070	0.0189	0.677

NOTES

1. All calculations for the properties of panels are calculated in accordance with the 1996 AISI Supplement No. 1.
2. I_x is for deflection determination.
3. S_e is for bending.
4. M_a is allowable bending movement.
5. All values are for one foot of panel width.

ALLOWABLE UNIFORM LOADS IN POUNDS PER SQUARE FOOT

29 Gauge (F_y=80KSI)

SPAN TYPE	LOAD TYPE	SPAN IN FEET							
		2.0	2.5	3.0	3.5	4.0	4.5	5.0	6.0
SINGLE	NEGATIVE WIND LOAD	121.4	77.7	54.0	39.6	30.3	24.0	19.4	13.5
	LIVE LOAD / DEFLECTION	80.1	41.0	23.7	15.0	10.0	7.0	5.1	3.0
2-SPAN	NEGATIVE WIND LOAD	121.0	77.5	53.8	39.5	30.3	23.9	19.4	13.4
	LIVE LOAD / DEFLECTION	91.3	53.4	30.9	19.5	13.0	9.2	6.7	3.9
3-SPAN	NEGATIVE WIND LOAD	141.1	62.8	62.8	46.2	35.3	27.9	22.6	15.7
	LIVE LOAD / DEFLECTION	106.6	44.8	44.8	28.2	18.9	13.3	9.7	5.6

26 Gauge (F_y=80KSI)

SPAN TYPE	LOAD TYPE	SPAN IN FEET							
		2.0	2.5	3.0	3.5	4.0	4.5	5.0	6.0
SINGLE	NEGATIVE WIND LOAD	150.2	96.1	66.8	49.1	37.6	29.7	24.0	16.7
	LIVE LOAD / DEFLECTION	105.6	54.1	31.3	19.7	13.2	9.3	6.8	3.9
2-SPAN	NEGATIVE WIND LOAD	157.3	100.7	69.9	51.4	39.3	31.1	25.2	17.5
	LIVE LOAD / DEFLECTION	112.9	70.4	40.7	25.7	17.2	12.1	8.8	5.1
3-SPAN	NEGATIVE WIND LOAD	183.8	117.6	81.7	60.0	45.9	36.3	29.4	20.4
	LIVE LOAD / DEFLECTION	131.9	84.4	58.6	37.2	24.9	17.5	12.8	7.4

NOTES

1. Allowable loads are based on uniform span lengths and F_y of 80 KSI.
2. Live load is allowable live load.
3. Wind load is allowable wind load and has been increased by 33 ⅓%.
4. Deflection loads are limited by a maximum deflection ratio of L/180 of span or maximum bending stress from live load.
5. Weight of the panel has not been deducted from allowable loads.
6. Minimum bearing length must be checked.