



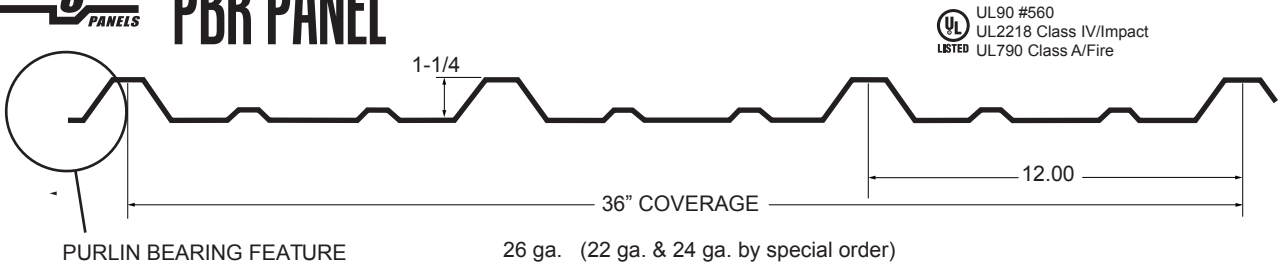
PRODUCT INFORMATION

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
866-674-7657 toll-free
918-641-0640 fax



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.