

COVER PLATED PZC 39 PROPERTIES (TO OBTAIN HIGHER SECTION MODULI)

Section	Nominal Width	Plate Size	Per Single Section				Per Unit of Wall			
			Area	Weight	Total Surface Area	Nominal Coating Area*	Weight		Moment of Inertia	Section Modulus
			in. ² (cm ²)	lbs/ft (kg/m)	ft. ² /ft (m ² /m)	ft. ² /ft (m ² /m)	Plates Full Length	Plates Half Length	in. ⁴ /ft (cm ⁴ /m)	in. ³ /ft (cm ³ /m)
PZC 46-CP (PZC 39)	22.5	3 x 0.50	24.76	84.2	6.82	6.32	44.9	42.1	947.8	86
	572	76 x 13	159.8	125.2	2.08	1.93	219.3	205.6	129,400	4,630
PZC 48-CP (PZC 39)	22.5	3 x 0.625	25.51	86.7	6.86	6.36	46.3	42.9	997	89.4
	572	76 x 16	164.6	129	2.09	1.94	226.1	209.5	136,100	4,810
PZC 54-CP (PZC 39)	22.5	3 x 1.00	27.76	94.4	6.96	6.48	50.3	44.9	1,151	99.9
	572	76 x 25.4	179.1	140.5	2.13	1.98	245.6	218.5	157,100	5,370

*Both sides of sheet; excludes socket interior and ball of interlock

- Notes:
- Best economy is obtained when plate length is limited to area of high moment.
 - Cover plate length depends upon moment curve.
 - Fillet weld should be sized to adequately resist design loads. Weld requirements should be specified by design engineer.

All listed dimensions are nominal. Due to rolling practices, variations in web and flange thickness is common. Permitted variations for such dimensions are not addressed.

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