

Pipe Pier Sizing Chart

PIPE PIER SIZING & SELECTION CHART SINGLE CONDUIT APPLICATIONS USING RIGID STEEL (HEAVY DUTY) CONDUIT

CONDUIT SIZE (Nominal)	Weight / Ft of Conduit Empty	Maximum Weight / Ft Of Conduit & Conductor	WHEN CONDUIT IS UP TO 25% FULL	WHEN CONDUIT IS 25%-50% FULL	WHEN CONDUIT IS 50%-75% FULL	WHEN CONDUIT IS 75%-100% FULL
1/2"	.85 lbs/ft	1.20 lbs/ft	PP50	PP50	PP50	PP50
3/4"	1.13 lbs/ft	1.80 lbs/ft	PP50	PP50	PP50	PP50
1"	1.68 lbs/ft	2.60 lbs/ft	PP50	PP50	PP50	PP50
1-1/4"	2.28 lbs/ft	4.30 lbs/ft	PP50	PP50	PP50	PP50
1-1/2"	2.73 lbs/ft	5.90 lbs/ft	PP50	PP50	PP50	PP150
2"	3.68 lbs/ft	8.50 lbs/ft	PP50	PP50	PP150	PP150
2-1/2"	5.82 lbs/ft	11.50 lbs/ft	PP50	PP150	PP150	PP150
3"	7.62 lbs/ft	16.50 lbs/ft	PP50	PP150	PP150	PP300
3-1/2"	9.20 lbs/ft	19.00 lbs/ft	PP50	PP150	PP150	PP300
4"	10.89 lbs/ft	24.80 lbs/ft	PP150	PP150	PP300	PP300
5"	14.81 lbs/ft	35.90 lbs/ft	PP150	PP300	PP300	PP600
6"	19.19 lbs/ft	50.70 lbs/ft	PP150	PP300	PP600	PP600

HOW TO USE THE CHART

APPLICATION: Choose the appropriate conduit size and the amount of conductor contained in the conduit. The chart will indicate the proper Pipe Pier support block to use for a single conduit application. All Pipe Pier support blocks recommended in this chart should be a **maximum of 10 feet spacing** between support blocks. Additionally all piping should be supported within 3 feet of each outlet box, cabinet, or fitting.

EXAMPLE #1: If you have a single 2" Conduit which is filled 75% - 100% with conductor, you should use a PP150 series support block. The support blocks should be spaced at 10 foot intervals on straight runs and within 2 feet of any change of direction and all piping should be supported within 3 feet of each outlet box, cabinet, or fitting.

EXAMPLE #2: If you have a single 2" Conduit which is filled 25% - 50% with conductor, you should use a PP50 series. The support blocks should be spaced at 10 foot intervals on straight runs and within 2 feet of any change of direction and all piping should be supported within 3 feet of each outlet box, cabinet, or fitting.

MAXIMUM RECOMMENDED SPACING BETWEEN BLOCKS IS 10 FEET

