



**Engineering Data Table**  
Schedule of Values

Nominal Pipe Diameter	Schedule of Pipe	Insulation Density	Material In Pipe	Density of Material in Pipe	Span Between Supports	Support Length	Portion of Pipe Circumference Covered	Safety Factor	Insulation Compressive Strength	Design Compressive Strength	Jacket Material	Distribution Plate Gage	Weight Distribution Plate Size
1/2"	40	2.05 pcf	Water	62.37	6'	4"	360o	3	24 psi	5 psi	PVC	N/A	N/A
3/4"	40	2.05 pcf	Water	62.37	8'	4"	360o	3	24 psi	7.4 psi	PVC	N/A	N/A
1"	40	2.05 pcf	Water	62.37	8'	4"	360o	3	24 psi	9 psi	PVC	N/A	N/A
1-1/4"	40	2.05 pcf	Water	62.37	10'	4"	360o	3	24 psi	12.6 psi	PVC	N/A	N/A
1-1/2"	40	2.05 pcf	Water	62.37	10'	4"	360o	3	24 psi	13.6 psi	PVC	N/A	N/A
2"	40	2.05 pcf	Water	62.37	10'	4"	360o	3	24 psi	15.4 psi	PVC	N/A	N/A
2-1/2"	40	3.75 pcf	Water	62.37	10'	6"	360o	3	24 psi	21.8 psi	PVC	N/A	N/A
3"	40	3.75 pcf	Water	62.37	10'	6"	360o	3	58 psi	22.1 psi	PVC	N/A	3" x 3"
4"	40	3.75 pcf	Water	62.37	10'	6"	360o	3	58 psi	25.9 psi	PVC	22ga	3" x 3"
6"	40	3.75 pcf	Water	62.37	10'	6"	360o	3	58 psi	34 psi	PVC	22ga	3" x 4-1/2"
8"	40	3.75 pcf	Water	62.37	10'	9"	360o	3	58 psi	41.7 psi	PVC	22ga	3" x 6"
10"	40	3.75 pcf	Water	62.37	10'	12"	360o	3	58 psi	49.7 psi	PVC	22ga	4" x 6"
12"	40	3.75 pcf	Water	62.37	10'	12"	360o	3	58 psi	55.4 psi	PVC	20ga	8" x 8"
14"	40	5 pcf	Water	62.37	10'	18"	360o	3	90 psi	63.4 psi	PVC	20ga	8" x 8"
16"	40	5 pcf	Water	62.37	10'	18"	360o	3	90 psi	82.8 psi	PVC	18ga	12" x 12"
18"	40	5 pcf	Water	62.37	10'	18"	360o	3	90 psi	69.9 psi	PVC	18ga	12" x 12"
20"	40	5 pcf	Water	62.37	10'	18"	360o	3	150 psi	81.9 psi	PVC	16ga	12" x 24"
22"	40	7.5pcf	Water	62.37	10'	18"	360o	3	150 psi	98.1 psi	PVC	16ga	12" x 24"
24"	40	7.5pcf	Water	62.37	10'	18"	360o	3	150 psi	114.1 psi	PVC	16ga	12" x 24"
26"	40	7.5pcf	Water	62.37	10'	18"	360o	3	150psi		PVC	16ga	12" x 24"
28"	40	7.5pcf	Water	62.37	10'	18"	360o	3	150psi		PVC	16ga	12" x 24"
30"	40	7.5pcf	Water	62.37	10'	18"	360o	3	150psi		PVC	16ga	12" x 24"
32"	40	7.5pcf	Water	62.37	10'	18"	360o	3	150psi		PVC	16ga	12" x 24"
34"	40	7.5pcf	Water	62.37	10'	18"	360o	3	150psi		PVC	16ga	12" x 24"
36"		7.5pcf		62.37	10'	18"	360o	3	150psi		PVC	16ga	12" x 24"
							360o		150psi		PVC		