

Typical Roof Loads for Pipe Supports

PIPE SIZE	# OF PIPES	CONTENTS OF PIPE	SPACING OF PIPES		
			6 feet	8 feet	10 feet
4 inch pipe	1	Gas (lbs) (psi)	111 0.24	132 0.29	156 0.34
		Water (lbs) (psi)	144 0.32	176 0.39	206 0.45
	2	Gas (lbs) (psi)	180 0.40	222 0.49	270 0.59
		Water (lbs) (psi)	264 0.58	310 0.68	237 0.52
	3	Gas (lbs) (psi)	249 0.55	312 0.69	384 0.85
		Water (lbs) (psi)	348 0.77	444 0.98	534 1.18
6 inch pipe	1	Gas (lbs) (psi)	156 0.34	196 0.43	236 0.52
		Water (lbs) (psi)	236 0.52	296 0.65	356 0.78
	2	Gas (lbs) (psi)	270 0.59	350 0.77	430 0.95
		Water (lbs) (psi)	430 0.95	550 1.21	670 1.48
	3	Gas (lbs) (psi)	384 0.85	504 1.11	624 1.37
		Water (lbs) (psi)	624 1.37	804 1.77	984 2.17
8 inch pipe	1	Gas (lbs) (psi)	228 0.50	288 0.63	348 0.77
		Water (lbs) (psi)	358 0.79	458 1.01	558 1.23
	2	Gas (lbs) (psi)	414 0.91	534 1.18	654 1.44
		Water (lbs) (psi)	674 1.48	874 1.93	1074 2.37
10 inch pipe	1	Gas (lbs) (psi)	302 0.67	382 0.84	472 1.04
		Water (lbs) (psi)	512 1.13	662 1.46	812 1.79
	2	Gas (lbs) (psi)	562 1.24	722 1.59	902 1.99
		Water (lbs) (psi)	982 2.16	1,282 2.82	1,582 3.48
12 inch pipe	1	Gas (lbs) (psi)	362 0.80	462 1.02	562 1.24
		Water (lbs) (psi)	652 1.44	852 1.88	1,052 2.32