



Spacing Of Hangers For Steel Pipe

NOMINAL PIPE SIZE, INCHES	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6	8	10	12	14	16	18	20	24	
WATER MAXIMUM SPAN, FEET*	5	6	7	7	9	10	11	12	13	14	16	17	19	22	23	25	27	28	30	32	
STEAM, GAS, AIR FEET	—	—	9	—	12	13	14	15	16	17	19	21	24	26	30	32	35	37	39	42	
RECOMMENDED HANGER ROD SIZES	3/8				1/2				5/8	3/4	7/8			1			1	1 1/4	1 1/2	OR TRAPEZE	

The above spacing and capacities are based on pipe filled with water. Additional valves and fittings increase the load and therefore closer hanger spacing is required. *Many codes and specifications state "pipe hangers must be spaced every 10 ft., regardless of size." This local specification must be followed.

Spacing Of Hangers For Copper Tubing

TUBING SIZE	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6	8	10	12
SPAN IN FT.	6	8	8	10	10	10	12	12	12	12	12	14	14	18	19

Spacing Of Hangers For PVC Plastic Pipe

SCHEDULE 40 PIPE SIZE	20°F	40°F	60°F	80°F	100°F	110°F	120°F	130°F	140°F	150°F
	SUPPORT SPACINGS IN FEET AT TEMPERATURES SHOWN ABOVE									
1/2" - 3/4"	5.0	4.75	4.5	4.25	4.0	3.75	3.33	3.0	2.66	2.0
1" - 1 1/4"	5.5	5.25	5.0	4.66	4.33	4.0	3.75	3.33	2.80	2.25
1 1/2" - 2"	5.8	5.5	5.25	5.0	4.66	4.33	3.8	3.5	3.0	2.5
2 1/2"	6.66	6.33	6.0	5.5	5.25	4.8	4.5	4.0	3.5	2.8
3"	6.8	6.5	6.25	5.8	5.5	5.25	4.75	4.25	3.66	3.0
4"	7.33	7.0	6.5	6.25	5.8	5.5	5.0	4.5	3.8	3.25
6"	7.8	7.5	7.0	6.8	6.33	5.8	5.33	4.8	4.25	3.5

SCHEDULE 80 PIPE SIZE	20°F	40°F	60°F	80°F	100°F	110°F	120°F	130°F	140°F	150°F
	SUPPORT SPACINGS IN FEET AT TEMPERATURES SHOWN ABOVE									
1/2" - 3/4"	5.75	5.50	5.25	4.80	4.50	4.33	3.80	3.50	3.00	2.50
1"	6.33	6.00	5.75	5.33	5.00	4.60	4.33	3.80	3.33	2.75
1 1/4" - 1 1/2"	6.66	6.33	6.00	5.66	5.25	4.80	4.50	4.0	3.50	3.0
2"	7.00	6.50	6.25	6.00	5.50	5.12	4.75	4.33	3.66	3.12
2 1/2"	7.80	7.50	7.00	6.66	6.33	5.80	5.33	4.75	4.25	3.33
3"	8.20	7.75	7.33	7.00	6.50	6.00	5.50	5.00	4.33	3.50
4"	8.66	8.25	7.80	7.33	6.80	6.33	5.80	5.25	4.66	3.75
6"	9.80	9.33	8.80	8.33	7.80	7.33	6.50	6.00	5.12	4.25

NOTE: Above tables assume fluid loads up to 1.35 specific gravity (85 lb./cu. ft.), but not concentrated heavy loads.