

ANSI 05.1-2002 Dimension Table For Southern Pine and Douglas-fir Poles

Top of Pole Minimum Dimensions (inches)

Class	H-6	H-5	H-4	H-3	H-2	H-1	1	2	3	4	5	6	7	8
Minimum Circumference at Top	39	37	35	33	31	29	27	25	23	21	19	17	15	13

Minimum Circumference at 6 feet from Butt (inches)

Length of Pole (feet)	Groundline* Distance from Butt(Ft)	Minimum Circumference at 6 feet from Butt (inches)													
20	4	—	—	—	—	—	—	31.0	29.0	27.0	25.0	23.0	21.0	19.5	17.5
25	5	—	—	—	—	—	—	33.5	31.5	29.5	27.5	25.5	23.0	21.5	19.5
30	5.5	—	—	—	—	—	—	36.5	34.0	32.0	29.5	27.5	25.0	23.5	20.5
35	6	—	—	—	—	43.5	41.5	39.0	36.5	34.0	31.5	29.0	27.0	25.0	—
40	6	—	—	51.0	48.5	46.0	43.5	41.0	38.5	36.0	33.5	31.0	28.5	—	—
45	6.5	58.5	56.0	53.5	51.0	48.5	45.5	43.0	40.5	37.5	35.0	32.5	30.0	—	—
50	7	61.0	58.5	55.5	53.0	50.5	47.5	45.0	42.0	39.0	36.5	34.0	—	—	—
55	7.5	63.5	60.5	58.0	55.0	52.0	49.5	46.5	43.5	40.5	38.0	—	—	—	—
60	8	65.5	62.5	59.5	57.0	54.0	51.0	48.0	45.0	42.0	39.0	—	—	—	—
65	8.5	67.5	64.5	61.5	58.5	55.5	52.5	49.5	46.5	43.5	40.5	—	—	—	—
70	9	69.0	66.5	63.5	60.5	57.0	54.0	51.0	48.0	45.0	41.5	—	—	—	—
75	9.5	71.0	68.0	65.0	62.0	59.0	55.5	52.5	49.0	46.0	—	—	—	—	—
80	10	72.5	69.5	66.5	63.5	60.0	57.0	54.0	50.5	47.0	—	—	—	—	—
85	10.5	74.5	71.5	68.0	65.0	61.5	58.5	55.0	51.5	48.0	—	—	—	—	—
90	11	76.0	73.0	69.5	66.5	63.0	59.5	56.0	53.0	49.0	—	—	—	—	—
95	11	77.5	74.5	71.5	67.5	64.5	61.0	57.0	54.0	—	—	—	—	—	—
100	11	79.0	76.0	72.5	69.0	65.5	62.0	58.5	55.0	—	—	—	—	—	—
105	12	80.5	77.0	74.0	70.5	67.0	63.0	59.5	56.0	—	—	—	—	—	—
110	12	82.0	78.5	75.0	71.5	68.0	64.5	60.5	57.0	—	—	—	—	—	—
115	12	83.5	80.0	76.5	72.5	69.0	65.5	61.5	58.0	—	—	—	—	—	—
120	12	85.0	81.0	77.5	74.0	70.0	66.5	62.5	59.0	—	—	—	—	—	—
125	12	86.0	82.5	78.5	75.0	71.0	67.5	63.5	59.5	—	—	—	—	—	—

* The figures in this column are intended for use only when a definition of groundline is necessary in order to apply requirements relating to scars, straightness, etc.