Maximum Sizes Permitted				
	Diameter of Any Single Knot (in.)		Sum of Diameters of All Knots Greater than 0.5" in any 1-foot section (in.)	
	Classes	Classes	Classes	Classes
Length of Pole	H6 to 3	4 to 10	H6 to H1	1 to 10
45 ft and shorter				
lower half of length	3	2	8*	8*
upper half of length	5	4		
50 ft and longer				
lower half of length	4	4	1/3 of the circum in any 1-ft section or 14", whichever is less*	10*
upper half of length	6	6		

* Both upper and lower halves

Classes H6 to H1 are not included in the guidelines below; they are appropriate for pilings rather than poles and are more applicable to Douglas-fir.

Class	1	2	3	4	5	6	7	9	10
Min. circumference at top (in.)	27	25	23	21	19	17	15	15	12
Min Top DIA (in)	8.6	8	7.3	6.7	6	5.4	4.8		
Length of Pole	Minimum diameter (outside bark) at breast height								
20	11.2	10.5	9.8	9.0	8.3	7.6	7.1		
25	12.1	11.4	10.7	9.9	9.2	8.3	7.8		
30	13.2	12.3	11.6	10.7	9.9	9.0	8.5		
35	14.1	13.2	12.3	11.4	10.5	9.8	9.0		
40	14.8	13.9	13.0	12.1	11.2	10.3	9.6		
45	15.6	14.6	13.6	12.7	11.8	10.9	10.1		
50	16.3	15.2	14.1	13.2	12.3	11.4	10.5		
55	16.8	15.7	14.6	13.7	12.7	11.8			
60	17.4	16.3	15.2	14.1	13.0	12.1			
65	17.9	16.6	15.6	14.6	13.6				
70	18.4	17.4	16.3	15.0	13.9				
75	19.0	17.7	16.6	15.6					
80	19.5	18.3	17.0	15.9					
85	19.9	18.6	17.4						
90	20.3	19.2	17.7						
95	20.6	19.5	18.1						

Adapted from: Quicke,H.E. and R.S. Meldahl. 1992. Predicting Pole Classes for Longleaf Pine Based on DBH. Southern Journal of Applied Forestry (16):79-82 (Based on Hawes, E.T. 1947. A method of determining southern pine pole classes from d.b.h. J.For. 45:204-205

Pole Length	**Pole Class**						
(ft)	**1**	**2**	**3**	**4**	**5**	**6**	**7**
30	---	---	---	$32	$28	$25	$22
35	$85	$75	$66	$63	$52	$45	$38
40	$105	$90	$88	$78	$68	$55	$45
45	$125	$110	$106	$94	$78	$65	
50	$148	$130	$120	$104	$88		
55	$172	$150	$130	$114			
60	$210	$175	$150				
65	$345	$300	$225				
70	$410	$350	$295				
75	$475	$425	$375				