

WESTERN HEMLOCK SORT SPECIFICATIONS

Code: 21

HI GRADE HEMLOCK

- I : 20' - 27'
 - II : 28' - 35'
 - III : 36' - 40'
- A. Min. dia. 24"; Min. L 20'. Raft length avg. 33'.
 - B. Smooth appearing #2 & Better.
 - C. Max. defect 15 %; No sap rot.
 - D. 12 rings/inch - Measure at outer 1/3 of radius.
 - E. Straight: No rotten knots - Max. twist 2"/ft..
 - F. Bark seams 10 % length of log is max.
 - G. Max. heart off center 10 %. Exceptions: logs 24" & larger with heart off center allowable except when accompanied by sweep or twist.
 - H. Max out of round logs 15 %.

Code: 27

SHOP HEMLOCK

- T1 : 13' - 25' *
 - T2 : 26' - 35'
 - T3 : 36' - 40'
- * A. Min. dia. 20"; Min. L 13', except min. L on logs less than 24" in dia. is 20'.
 - B. Log should yield HI GRADE clear cuttings.
 - C. Max. defect 40 % -Buck off excessive butt defect, swelled or bark seamy butts.
 - D. 13' to 19' logs; Max. deduction = 25%
 - E. Butt logs under 20' with erratic grain in butt not acceptable.
 - F. Max out of round logs 20 %.

Code: 26

CIRCLE R HEMLOCK

- (R1) : 20' - 27'
 - (R2) : 28' - 35'
 - (R3) : 36' - 40'
- A. Min. Dia. 20"; Min. L 20'. Raft length avg. 32'.
 - B. Next sort down from HI GRADE; Good appearing #2 & Better
 - C. Max. defect 25 % ; Max. sap rot 10 %.
 - D. Max. bark seams allowed: 1/3 of L of log.

Code: 24

RED SORT HEMLOCK

- R1 : 20' - 27'
 - R2 : 28' - 35'
 - R3 : 36' - 40'
- A. Dia. 13" thru 19"; Min. L 20'. Raft length avg. 32'.
 - B. Same as CIRCLE R HEMLOCK except for dia.

Code: 20

L SORT HEMLOCK

- L2 : 26' - 33'
 - L3 : 34' - 40'
- A. Min. dia. 20"; Min. L. 26'
 - B. Good #2 - NO ROUGH TOPS!!
 - C. Max. defect 25 % ; Max. sap rot 10 %.
 - D. Hooked & twisted butts should be bucked off.
 - E. One straight bark seam allowed.

Code: 28

H SORT HEMLOCK

- H2 : 26' - 33'
 - H3 : 34' - 40'
- A. Dia. 13" thru 19"; Min. L 26'. Minimize reman of smaller dia. logs down to H sort minimums.
 - B. Same as L SORT HEM except for dia.

Code: 25

CIRCLE H HEMLOCK

- (H2) : :26' - 34'
 - (H3) : :35' - 40'
- A. Min. dia. 6"; Min. L 26'.
 - B. #2 & Better surface quality - NO ROUGH TOPS!!!!
 - C. Max. defect 25 %; No sap rot on 6" to 10" dia. logs. Max. 1" sap on logs greater than 10".
 - D. Buck off excessive butt defect, hooked &/or twisted butts. No penetrating bark seams. Center rot must not exceed 3" in dia.. Log must be chuckable.
 - E. All logs must be well trimmed.

Code: 31

DIAMOND & CIRCLE DIAMOND HEMLOCK

- ◇1 12' - 25'
 - ◇2 26' - 33'
 - ◇3 34' - 40'
- Code: B31**
- ① 12' - 25'
 - ② 26' - 33'
 - ③ 34' - 40'
- A. Diamond Hemlock: Dia. 8" thru 19"; Min. L 12'.
 - B. Circle Diamond Hem: Min. dia. 20"; Min. L 12'.
 - C. Good #3 & Better - NO ROUGH TOPS!!!!
 - D. **12'-25' logs must be H sort quality and better.**
 - E. Max. defect 66 2/3 %; No sap rot on 8" to 11" dia.
 - F. Buck off excessive butt defect, swelled or bark seamy butts, and hooked &/or twisted butts.
 - G. 12'-20' logs with sweep or crook = 2' max. L deduction.
 - H. All logs must be well trimmed.

Code: 39 & 69

A SORT - HEMLOCK & SPRUCE

- A2 : 26' - 33'
 - A3 : 34' - 40'
- A. Min. dia. 6"; Min. L 26'.
 - B. #3 & Better surface quality.
 - C. Max. defect 66 2/3 %; No sap rot on 6" to 8" dia.
 - D. Buck off excessive butt defect, hooked &/or twisted butts. No penetrating bark seams.
 - E. All logs must be well trimmed.
 - F. **THREE** Double Wraps on all bundles!!
 - G. Max. 3500 bf bundles.

Code: 29 & 59

PULP - HEMLOCK & SPRUCE

- ⊗ :18"& less
 - ⊗ :19"& over
- (above based on butt diameter)
- A. Min. dia. 6"; Min. L 12'; Min. bundle L 20'.
 - B. Min. requirements: 50 % net utility.
 - C. Knots On Pulp Will Be Trimmed !!!
 - D. Bundle and raft the 2 sorts separate from one another.
 - E. **THREE** Double Wraps on all bundles!!