



LME[®]

TAPE MEASURE

Knowing the measurements of a pallet of freight is necessary in determining the density for shipping.

Minimum Average Density (in pounds per cubic foot)	Class
50	50
35	55
30	60
22.5	65
15	70
13.5	77.5
12	85
10.5	92.5
9	100
8	110
7	125
6	150
5	175
4	200
3	250
2	300
1	400
Less than 1	500



To Determine Density

1. Measure the length, width and height in inches; then multiply length x width x height.

$$23'' \times 22'' \times 20'' = 10,120 \text{ cubic inches}$$

2. Convert cubic inches to cubic feet by dividing the cubic inch total by 1,728.

$$10,120 / 1,728 = 5.86 \text{ cubic feet}$$

3. Divide the weight of the shipment by the number of cubic feet.

$$90 \text{ pounds} / 5.86 = 15.36 \text{ lbs./cubic ft.}$$

4. Lookup density on chart to determine class:

$$15.36 \text{ is } < 22.5 \text{ but } > 15 \text{ therefore } = \text{Class } 70$$

IF YOU REQUIRE FURTHER ASSISTANCE PLEASE CALL OUR RATE DEPARTMENT AT:

800-888-4950