



TWDW-100 TARIFF

ITEM 750 – DETERMINATION OF FREIGHT CLASSES

1. In accordance with both bill of lading requirements as well as standard industry practices, shipment weights, item descriptions, and freight classifications are to be correct and must accurately reflect the shipment's handling characteristics, including space taken and density. 2 Day maintains the right to inspect all freight to which it is tendered and to use other means to ensure that billing is based on accurate freight characteristics.
2. When a change to the listed class is necessary due to shipment inspection or other sufficient evidence, 2 Day will use the actual density, or Pounds per Cubic Foot (PCF), in conjunction with the chart below for rating purposes.
 - a. The Density or PCF will be determined by:
 - i. Multiplying the dimensions (in inches) of the item, inclusive of any pallets and packaging (Length x Width x Height), to get the total cubic inches.
 - ii. Dividing the total cubic inches by 1,728 to get the total cubic feet of the item.
 - iii. Dividing the weight of the item by the total cubic feet in order to get the PCF.
 - b. The calculated PCF will be reviewed against the table below in order to determine the proper class to be used for rating purposes.

Example

If the pallet weighs 500 lbs. with dimensions of 42" x 48" x 48":

1. Multiply $42 \times 48 \times 48 = 96,768$ total cubic inches.
2. Divide $96,768$ by $1,728 = 56$ total cubic feet.
3. Divide 500 lbs. by 56 total cubic feet $= 8.9$ PCF.
4. The item is a Class 100.

PCF	Class
≤ 1.0	400
1.1 – 2.0	300
2.1 – 4.0	250
4.1 – 6.0	150
6.1 – 8.0	125
8.1 – 10.0	100
10.1 – 12.0	92.5
12.1 – 15.0	85
15.1 – 22.5	70
22.6 – 30.0	65
> 30.0	60