TWDW-100 TARIFF
ITEM 750 – DETERMINATION OF FREIGHT CLASSES

1. In accordance with both bill of lading requirements and 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 tendered to it and to use other means to ensure that billing is based on accurate freight characteristics.
2. When a change to the declared weight, dimensions, or class is necessary due to shipment inspection or other sufficient evidence, 2 Day will rate the shipment using its actual density, or Pounds per Cubic Foot (PCF), in conjunction with the table below. Corrected charges will be shown on the freight bill.
3. Dimensions will be measured at the outermost points of each handling unit, inclusive of any pallets, skids, packaging, overhang, and irregular projections, and each dimension will be rounded up to the next whole inch.
4. Density will be calculated separately for each handling unit. The length, width, and height (in inches) of the handling unit are multiplied to determine its total cubic inches; the total cubic inches are divided by 1,728 to determine its total cubic feet; and the weight of the handling unit is divided by its total cubic feet to determine its PCF. The resulting PCF will be applied to the table below to determine the class to be used in rating that handling unit.
5. Dimensions and/or weights determined by 2 Day upon inspection shall be recorded in a written inspection record showing the date, the pro number, and the dimensions and/or weight. This record shall be the basis for corrected charges and will be furnished to the bill-to party upon request. 2 Day may, at its discretion, photograph freight during inspection; however, photographs are not required to support a correction, and the absence of photographs shall not invalidate an inspection or the resulting charges.

Example

A single pallet weighs 500 lbs. with dimensions of 42” x 48” x 48”:

1. Multiply 42 x 48 x 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 = 8.93 PCF.
4. 8.93 PCF falls in the “Over 8.0 through 10.0” range, so the pallet is rated Class 100.

PCF	Class
1.0 or less	400
Over 1.0 through 2.0	300
Over 2.0 through 4.0	250
Over 4.0 through 6.0	150
Over 6.0 through 8.0	125
Over 8.0 through 10.0	100
Over 10.0 through 12.0	92.5
Over 12.0 through 15.0	85
Over 15.0 through 22.5	70
Over 22.5 through 30.0	65
Over 30.0	60