



International News

From our corner of the world to yours.

Density-

Good density starts with packing. The objective of every packing job is to protect the shipment from damage during transit. The best way to achieve this is to obtain the highest density possible. That means packing as much as possible in the least amount of space.

Density is calculated by dividing the total weight of the shipment by the total volume or cubic feet of the shipment.

$$\text{Density} = \text{Net Weight} / \text{Cube}$$

Utilize all open spaces to reduce the cube of a shipment, thereby increasing density. You will want to use bundles of soft items to fill voids, or natural containers such as the space between chair legs, inside cabinets, etc. Once the space is filled, thoroughly wrap the item with paper pads, a carton or cardboard. Use lay-down wardrobes and minimize use of 4.5 and 6.0 cartons. It may also be possible to disassemble certain furniture items.

Origin rates are usually based on density, so packing more weight into smaller space and using less packing materials actually makes more money for your agency. The more pounds of household goods loaded into each external shipping container, the better, since underlying ocean and air freight costs decrease as density increases.

Density is a key factor in both ocean freight and air freight as charges are calculated based on volume or cube, and not net weight. The industry average for crated shipments is 5.5 pounds per cubic foot.

A reduction of 1.0 pound per cubic foot could result in a 15% to 20% increase in the door to door rate quoted.

Call 800-323-1963 or 708-450-2941 for your next international quote. Or select “Agent Quote Request” directly from our website under “Partners” for quick response.

By Land, By Sea, By Air...Anywhere!

