

# Dimensional Weight



## Determine the weight and size of your shipment.

Two types of weight are measured: the Actual Weight (heaviness) and the Dimensional Weight (density/space). The largest weight, Actual or Dimensional, will be used for rate calculation and is called the Chargeable or Billed Weight.

For more information consult the definitions below.

**Dimensional Weight** — The calculation used to reflect the density of a package. DHL uses the International Air Transport Association (IATA) volumetric methodology (subject to change without notice.) This methodology is used for all international shipments, even those in DHL-branded packaging. If measured in inches, multiply the dimensions (length x width x height) rounded to the nearest whole inch and divide the cubic inches by the dimensional weight factor of 139 for a dimensional weight in lbs.

For Import shipments: Centimeters / Kilograms

If measured in centimeters, multiply the dimensions (length x width x height) rounded to the nearest whole centimeter and divide by 5,000 for a dimensional weight in kilos. Always round each dimension (length, width and height) to the nearest whole number using standard rounding rules and round the resulting dimensional weight to the next full pound for exports, and the next half kilogram for imports. For example, a box with dimensions of 30.4"(L) x 19.6"(W) x 19.5"(H), will be considered to be 30"(L) x 20"(W) x 20"(H) = 12,000 cubic inches, and will be divided by 139 = 86.3 lbs. for a "Dimensional Weight" of 87 lbs. Be sure to include all packing materials when weighing your package and when calculating the dimensional weight.

**Actual Weight** — The weight of a package using a standard scale rounded to the next full pound for exports. For example, a 12.5 pound carton will have an "Actual Weight" of 13 lbs. For imports, the weight will be rounded to the next half kilo.

**Chargeable or Billed Weight** — The actual or dimensional weight, whichever is greater, is used in calculating shipping charges. For example, a package with the Actual Weight of 15 lbs. and the Dimensional Weight of 25 lbs. will have the Chargeable Weight of 25 lbs. DHL reserves the right to re-weigh and re-measure to confirm this calculation. Additional Optional Services and Surcharges may apply.

Click here for Volumetric Weight Calculator: <http://wap.dhl.com/serv/volweight.html>

More information available on DHL's website at [www.DHL-usa.com](http://www.DHL-usa.com)

## Rate and Transit Guide:

[http://www.dhlusa.com/content/dam/downloads/us/express/shipping/rate\\_guides/dhl\\_express\\_rate\\_transit\\_guide\\_us\\_en.pdf](http://www.dhlusa.com/content/dam/downloads/us/express/shipping/rate_guides/dhl_express_rate_transit_guide_us_en.pdf)

**DIMENSIONAL WEIGHT\*\* (lb.) =**  
$$\frac{\text{Length} \times \text{Width} \times \text{Height (in)}}{139}$$

The diagram shows a 3D perspective of a rectangular box. Three double-headed arrows indicate the dimensions: 'Width' for the front face, 'Height' for the vertical side, and 'Length' for the depth of the box.

\*Failure to enter a weight and/or dimensions may result in a default weight or additional service charge being applied.  
\*\*DHL reserves the right to modify this formula.