

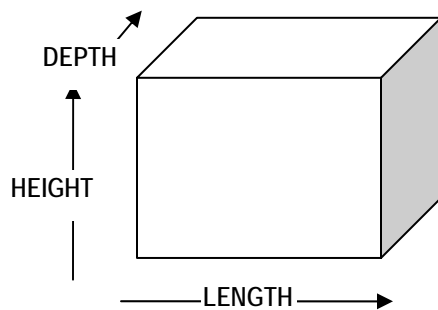
Determining Weight, Dimensions, Cubic Inches and Girth

Actual Weight – The weight of a package using a standard scale rounded to the next full pound (Example: a 12 ½ pound carton will have an “actual weight” of 13 pounds).

Dimensional Weight calculation used to reflect a packages density. DHL uses the International Air Transport Association (IATA) volumetric standards (subject to change without notice). This standard is used for all domestic and international shipments, even those in DHL brand packaging. When measuring your packages remember to round any fraction of an inch to the nearest whole inch.

- **For US Air Express Shipments-** Multiply the carton’s dimensions (length x height x depth) and divide the cubic inches by the dimensional weight factor of 194.

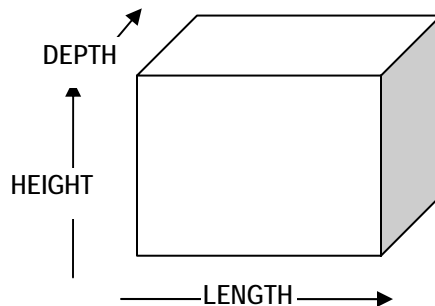
Example: a carton with the dimensions of 30”(L) x 20”(H) x 20”(D) = 12,000 cubic inches, divided by 194 = 61.8 pounds for a “dimensional weight” of 62 pounds (always round to the next full pound).



$$\text{DIMENSIONAL WEIGHT} = \frac{\text{Length x Height x Depth=Cubic Inches}}{194 \text{ (US Domestic)}}$$

- **For US Ground Shipments-** Multiply the carton’s dimensions (length x height x depth) and if the cubic size of the package is 5,184 or larger divide by the dimensional weight factor of 194. If the cubic size is less than 5,184, use the actual weight of the package.

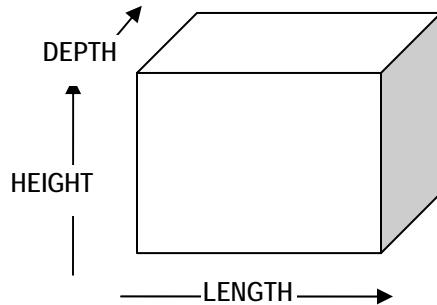
Example: a carton with the dimensions of 30”(L) x 20”(H) x 20”(D) = 12,000 cubic inches, divided by 194 = 61.8 pounds for a “dimensional weight” of 62 pounds (always round to the next full pound).



$$\text{DIMENSIONAL WEIGHT} = \frac{\text{Length x Height x Depth=Cubic Inches}}{194 \text{ (US Ground)}}$$

- **For International Air Express Shipments-** Multiply the carton's dimensions (length x height x depth) and divide the cubic inches by the dimensional weight factor of 166 if measured in inches. If measured in centimeters divide by 6,000 for a dimensional weight in kilos. Divide kilos by 2.20462 to convert to pounds.

Example: a carton with the dimensions of 30"(L) x 20"(H) x 20"(D) = 12,000 cubic inches, divided by 166 = 72.2 pounds for a "dimensional weight" of 73 pounds (always round to the next full pound).



$$\text{DIMENSIONAL WEIGHT} = \frac{\text{Length} \times \text{Height} \times \text{Depth} = \text{Cubic Inches}}{166 \text{ (International)}}$$

Chargeable Weight – Weight (actual or dimensional – whichever is greater) used in calculating shipping charges. (Example: the actual weight of a package is 15 pounds and the dimensional weight is 25 pounds the chargeable weight will be 25 pounds.)

Length or Girth

- **Length** – is the largest dimension of the carton or object being shipped. For example, if the package is very tall (height is greater than the base) use the height as the length.
- **Girth** - is the sum of 2 times the height plus 2 times the depth or the measurement around the largest area of the cylinder (see illustration).

