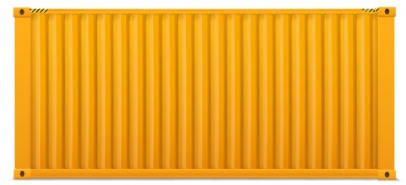




PORTGATE

WE OPEN GATES
FOR YOUR GOODS



Container Specifications

The 20 ft standard shipping container and the 40 ft standard shipping container are two of the most widely used containers in the world to transport ocean freight goods. The standard shipping containers differ from other types of containers in that they are completely airtight. These hermetically sealed shipping containers are not equipped with cooling nor ventilation systems like the refrigerated and ventilated containers. The 20 ft standard shipping container can hold up to **10 standard pallets** or **11 Euro pallets** across its floor base. The standard shipping containers are also known as dry shipping containers or dry vans.

20 ft dry standard
Exterior: **Length** - 6.08 m ; **Width** - 2.438 m ; **Height** - 2.591 m.
Interior: **Length** - 5.898 m ; **Width** - 2.352 m ; **Height** - 2.385 m.
Door Opening: **Width** - 2.343 m ; **Height** - 2.280 m.
Weight: **MGW** - 30480 kg; **TARE** - 2400 kg; **NET** -28080 kg.
CU.m : 33.1 Reference Code : 22GP

40 ft dry standard
Exterior: **Length** - 12.192 m ; **Width** - 2.438 m ; **Height** -2.591 m.
Interior: **Length** - 12.032 m ; **Width** - 2.352 m ; **Height** -2.385 m.
Door Opening: **Width** -2.343 m ; **Height** -2.80 m.
Weight: **MGW** - 30.480 kg; **TARE** - 4000 kg; **NET** - 26480 kg.
CU.m : 67.5 Reference Code : 42GP

40 ft dry high cube
Exterior: **Length** 12,192m; **Width** 2,438m; **Height** 2,896m.
Interior: **Length** 12,032m ; **Width** 2,352m ; **Height** 2,690 m.
Door Opening: **Width** 2,343 m ; **Height** 2,585 m.
Weight: **MGW** - 30,480 kg; **TARE** - 4200kg; **NET** -26,280 kg.
CU.m : 76,2 Reference Code : 40HQ or 40HC

45 ft dry high cube
Exterior: **Length** 13,716m; **Width** 2,438 m ; **Height** 2,896 m.
Interior: **Length** 13,556m ; **Width** 2,352 m ; **Height** 2,700 m.
Door Opening: **Width** 2,340 m ; **Height** 2,585 m.
Weight: **MGW** 32500 kg; **TARE** 4700 kg; **NET** 27800kg.
CU.m : 86 Reference Code : L5GO



Refrigerated shipping containers, also known as reefer containers, are equipped with a system that helps to maintain an internal temperature of between -25° and + 25°. Contrary to popular belief, these refrigerated containers do not regulate temperatures, they can only maintain them. There are certain types of refrigerated containers that are capable of maintaining temperatures as low as -60°. Although refrigerated containers have integrated systems that help with maintaining the internal temperature, the container must be connected to an external power source such as the vessel's generator or the port's power supply. When booking a reefer container, it is important to make sure that necessary equipment is available throughout the entire international transport chain (from pick up to drop off) to help power the container and maintain its internal temperature. Reefer containers are most commonly used to transport fresh and frozen foods such as fish, meat, fruits, and other perishable items. It is also regularly used to transport medicines and pharmaceutical products.

20 ft refrigerated
Exterior: **Length** 6,058 m ; **Width** 2,438m ; **Height** 2,591 m.
Interior: **Length** 5,500 ; **Width** 2,298m ; **Height** 2,276 m.
Door Opening: **Width** 2,343 m ; **Height** -2,280 m.
Weight: **MGW** 30,480 kg; **TARE** 2,980 kg; **NET** 27,80 kg.
CU.m : 28.8 Reference Code : 22RT

40 ft refrigerated
Exterior: **Length** 12,192m ; **Width** 2,438m ; **Height** 2,896 m.
Interior: **Length** 11,590 m ; **Width** 2,294m ; **Height** 2,544m.
Door Opening: **Width** 2,343 m ; **Height** 2,80 m.
Weight: **MGW** 34000 kg; **TARE** 4760 kg; **NET** 29240 kg.
CU.m : 67.5 Reference Code : 42RT



Open top containers, be it 20 ft or 40 ft, fall within the category of standard containers, despite not having a roof. The type of goods typically transported in open top containers is essentially the same as those being transported in flat rack containers, but with more irregular heights. Some examples include goods that are too heavy for manual handling and must be lifted and loaded with a crane, or top-protruding merchandise that cannot fit into a 40 ft high cube standard container. Unlike the flat rack, which also has no roof, open top containers have walls to protect the goods. A tarpaulin will be needed to cover the top to protect the merchandise. Note that the opening of an open top shipping container through which you load your cargo is slightly smaller than the container's interior. This is similar to the door of a regular container and it's for structural integrity purposes. In other words, there is less room to work with for maneuvering when loading your cargo through the top of an open top shipping container. A 20 ft open top container has a maximum load of approximately 28 metric tons, while the 40 ft open top container can hold up to 30 metric tons. Due to low demand for open top containers, some carriers may find it difficult to secure cargo requiring open top containers to be able to send the containers back to the origin. As such, carriers may implement an extra cost to transport open top containers, which can vary according

Flat rack shipping containers are designed to transport merchandise whose overall measurements and/or weight prevent them from fitting into a standard container. These containers are made of metal plates that fit a set of features make flat rack containers suitable for transporting heavy or over-sized cargo such as construction equipment, building supplies or heavy machinery. These cargoes usually need to be loaded onto the flat rack with a crane or other special equipment. Goods with a height higher than that of a 20 or 40 ft high cube container or irregularly shaped goods such as industrial vehicles or pipes. Because the flat rack container has no side or top to protect the cargo, extra care must be taken to prevent damage by weather conditions such as heavy rain or strong winds. Lashing the cargo will help secure the cargo and make sure it stays in its place.



20 ft flat rack
Exterior: **Length** 6,058 m ; **Width** 2,438 m ; **Height** 2,591 m.
Interior: **Length** 5,553 m ; **Width** 2,194 m ; **Height** 2,213 m.
Weight: **MGW** 34000kg; **TARE** 2800 kg; **NET** 31200 kg.
Reference Code : 22PC

40 ft flat rack
Exterior: **Length** 12,192 m ; **Width** 2,438 m ; **Height** 2,591 m.
Interior: **Length** 5,553 m ; **Width** 2,194 m ; **Height** 2,213 m.
Weight: **MGW** 45000kg; **TARE** 4900 kg; **NET** 41000 kg.
CU.m : 33.1 Reference Code : 42PC

20 ft open top
Exterior: **Length** 6,058 m ; **Width** 2,438 m ; **Height** 2,591 m.
Interior: **Length** 5,898 m ; **Width** 2,352 m ; **Height** 2,348 m.
Weight: **MGW** 24000 kg; **TARE** 2410 kg; **NET** 21590 kg.
CU.m : 32.5 Reference Code : 22U1

40 ft open top
Exterior: **Length** 12,192 m ; **Width** 2,438 m ; **Height** 2,591m.
Interior: **Length** 12,032 m ; **Width** 2,352 m ; **Height** 2,348 m.
Weight: **MGW** 30480 kg; **TARE** 4300 kg; **NET** 26180 kg.
CU.m : 65.9 Reference Code : 42OT



ISO tank or ISO containers are containers specially designed to transport liquids or gases. They can hold bulk cargoes ranging from perishable liquids such as oil or wine to hazardous substances. Additional requirements will need to be fulfilled when shipping hazardous substances in ISO tanks. And once an ISO tank has been tagged to ship hazardous substances, it can no longer be used to ship food, and vice versa. The ISO tank is supported on a structure that can be adjusted according to its dimensions. It's also lined with an insulating material that protects it from the cargo it's transporting. ISO tanks offer one of the most effective intermodal transportation methods for bulk cargo. They are safer, offer more flexibility, are more environmentally friendly, and relatively cheaper than other options such as OTR tank trucks. The most commonly used ISO tanks measure 20 or 40 ft there are also 10 and 30 ft long ISO tanks. They're also widely known as ISO containers or tank containers.

