

CONTAINERS

International Standards Organization containers have revolutionized global trade by providing a standardized method for transporting goods across different modes of transportation. These containers are designed to be compatible with various transportation networks such as ships, trains, and trucks, streamlining the process of loading, unloading, and transferring cargo between different modes.

The use of ISO containers adhering to International Standards Organization specifications ensures consistency in size, shape, and strength, allowing for seamless integration into the global logistics chain. The most common sizes are 20-foot and 40-foot containers, with their capacity measured in twenty-foot equivalent units (TEUs). This standardization has significantly enhanced efficiency, reduced costs, and facilitated the rapid movement of goods around the world.

ISO Containers Varieties

Dry containers

ISO containers that are ideal for non-perishable goods that don't require temperature regulation and are very common in shipping. They are also not designed for transporting liquids, foodstuffs, or chemicals and have diverse applications beyond shipping.

Refrigerated containers

Containers that are also known as 'reefers', are suitable for transporting goods requiring regulated, including perishable food items. Reefers have internal refrigeration units but rely on external

power sources, available on ships, land-based sites, trucks or quays.

Tank containers

An intermodal container designed for safely transporting gases and liquids, including chemicals, these containers typically feature anti-corrosive coatings to protect the steel from hazardous substances.

Open top containers

These containers lack a roof, facilitating easy loading and unloading of heavy cargo. Once loaded, cargo can be secured with a plastic roof to shield it from rain, dust, and other elements ideal for dry storage.

Open side containers

With two hinged door units, one at the far end and another on the side, these containers offer enhanced accessibility and space, particularly useful for accommodating large cargo.

Flat rack containers

Containers that have a platform base, open top, and two side walls (with optional additional walls), flat racks simplify loading heavy cargo from either the top or sides, making them suitable for transporting heavy machinery.

High cube containers

Containers boast an additional 1-foot height compared to standard dry containers, with taller doors, allowing for the transportation of taller cargo while maintaining similar characteristics to dry containers.

Tunnel containers

Containers with openings on both sides resembling a tunnel, these containers are

ideal for storing oversized objects that are challenging to maneuver. The dual openings facilitate easy access and movement.

Special purpose containers

Containers designed for specific cargo requirements, these custom-made containers come in non-standard sizes, making their transportation costly. They find utility in various applications, such as military operations for transporting weapons and communication systems.

Container Identification System

The standardized identification system for intermodal (shipping) containers is governed by ISO 6346:1995.

This systems assigns a unique marking to each container and comprises three main components: an ISO 6346 (BIC) code, a size code, and a type code.

Container ISO Codes

Length

20 Feet
40 Feet
45 Feet
48 Feet

Height

2-8 Inches
5-9 Feet Inches 'High Cube'

Type

G1 – General Purpose Container
R1 – Refrigerated Container
U1 – Open Top Container
P1 – Platform Container
T1 – Tank Container



1. Principal Code - TSSU
2. Group Code - U
3. Registration Number- 204006
4. Check Digit - 0
5. Size and Type code - 22G1
6. Operation Requirements-
Maximum Weight – 30,480 KGS
Container Weight – 2,140 KGS
Payload Weight – 28,340
Cubic Capacity- 33

General Purpose/ Dry	
20 FOOT	
20G0	Dry
20G1	Dry
20G2	Dry
20G3	Dry
22G0	Dry
22G1	Dry
22G2	Dry
22G3	Dry
22G4	General Purpose / Dry
22G8	General Purpose / Dry
22G9	General Purpose / Dry
25G0	High Cube Dry
26G0	High Cube Dry
2EG0	High Cube Dry
40 FOOT	
42G0	Dry
42G1	Dry
45G0	High Cube Dry
45G1	High Cube Dry
4CG0	Dry
45 FOOT	
L0G1	Dry
L2G1	Dry
L5G1	High Cube Dry
LDG1	High Cube Dry
LDG8	High Cube General Purpose / Dry
LEG1	High Cube Dry
LEG8	High Cube Dry
LEG9	High Cube General Purpose / Dry
LLG1	Dry
LNG1	High Cube Dry

REEFER	
20 FOOT	
20R0	Bulk
20R1	Bulk
20R2	Bulk
20R3	Bulk
20R8	Bulk
20R9	Bulk
22R0	Bulk
22R1	Bulk
22R7	Bulk
22R9	Bulk
25R1	Bulk
40 FOOT	
42R0	Reefer
42R1	Reefer
42R3	Reefer
42R9	Reefer
45R9	High Cube Reefer
45R1	High Cube Reefer
45 FOOT	
L5R0	High Cube Reefer
L5R1	High Cube Reefer
L5R2	High Cube Reefer
L5R3	High Cube Reefer
L5R4	High Cube Reefer
L5R8	High Cube Reefer
L5R9	High Cube Reefer
LNR1	High Cube Reefer

TANK	
20 FOOT	
20T0	Tank
20T1	Tank
20T2	Tank
20T3	Tank for Dangerous Liquid
20T4	Tank for Dangerous Liquid
20T5	Tank for Dangerous Liquid
20T6	Tank for Dangerous Liquid
20T7	Tank for Gas
20T8	Tank for Gas
20T9	Tank for Gas
22T0	Tank
22T1	Tank
22T2	Tank
22T3	Tank for Dangerous Liquid
22T4	Tank for Dangerous Liquid
22T5	Tank for Dangerous Liquid
22T6	Tank for Dangerous Liquid
22T7	Tank for Gas
22T8	Tank for Gas
26T0	High Cube Tank
28T8	Tank for Gas
40 FOOT	
42T2	Tank
42T5	Tank for Dangerous Liquid
42T6	Tank for Dangerous Liquid
42T8	Tank for Gas
48T8	Tank for Gas

Platform	
20 FOOT	
20P1	Flat
20P2	Flat
20P3	Collapsible Flat
20P4	Collapsible Flat
20P5	Platform Superstructure
22P1	Flat
22P2	Flat
22P3	Flat Collapsible
22P5	Platform Superstructure
22P7	Platform
22P8	Platform
22P9	Platform
28P0	Platform
29P0	Platform
40 FOOT	
42P1	Flat
42P2	Flat
42P3	Flat Collapsible
42P5	Platform Superstructure
42P6	Platform
42P8	Platform
42P9	Platform
45P3	High Cube Flat Collapsible
48P0	Platform
49P0	Platform
45P8	High Cube Flat Collapsible
46P3	High Cube Flat Collapsible

Open Top Containers	
20 FOOT	
20U0	Open Top
20U1	Open Top
20U2	Open Top
20U3	Open Top
20U4	Open Top
20U5	Open Top
22U0	Open Top
22U1	Open Top
22U6	Open Top
28U1	Open Top
40FOOT	
42U1	Open Top
42U6	Hard Top
45U1	High Cube Open Top
45U6	High Cube Open Top
48U1	Open Top