

FAQs – Stainless Steel IBCs (1 of 2)

Does D.O.T. Specification 57 Tank (IBC) have to be converted to U.N. Specification IBCs for hazardous product use?

CFR 49, 173.32 (d) Use of Specification 52, 53, 56 and 57 portable tanks. Continued use of an existing portable tank constructed to DOT Specification 52 or 53 is authorized only for a tank constructed before June 1, 1972. Continued use of an existing portable tank constructed to DOT Specification 56 or 57 is authorized only for a tank constructed before October 1, 1996.

Retest. When should each portable tank used for the transportation of a hazardous material be successfully retested before further use?

Specifications 52, 53, 56 and 57 portable tanks at least once every 2.5 years. CFR 49, 173.32 (e)(1)(ii)

Marking. How do I know if my portable tank has a current test date?

The date of the most recent periodic retest must be marked on the tank, on or near the metal certification plate.
CFR 49, 173.32 (e)(3)

Records. How can the test date be verified?

The owner of the tank or his authorized agent must retain a written record indicating the date and results of all required tests and the name and address of the tester, until the next retest has been satisfactorily completed and recorded. CFR 49 173.32 (e)(4)

What if the test date expires while the tank is filled with hazardous product and in warehouse storage?

A portable tank for which the prescribed retest or reinspection under paragraph (c)(1) of this section has become due may not be filled and offered for transportation until retest or reinspection has been successfully completed. This paragraph does not apply to any tank filled prior to the test due date. CFR 49 173.32 (e)(5)

What is the tare weigh of a stainless steel IBC?

Each IBC is weighted by the manufacturer and stamped on the serial plate on the front of the IBC.

What is the UN number?

The UN number is on the Inspection Plate. A full explanation of the Inspection plate is below. Custom Metal Craft certifies that their IBC's meet the construction, design, initial inspection and test requirements for the UN markings applied.

350 Gal.	550 Gal.	Description
31A	31A	Code Number Designate Type of IBC
Y	Y	Approved Packaging Group
MM/YY	MM/YY	Month/Year of Manufacture
USA	USA	Authorizing Country
CMI	CMI	Name of Manufacture Certification
5444	5444	Max Stacking Load (kg)
2722	2722	Max Gross Weight (kg)
MM/YY	MM/YY	Month/Year of Initial Leak-proof Test
MM/YY	MM/YY	Month/Year of Initial Inspection
304 S.S.	304 S.S.	Material of Construction
2.34	3.12	N. THK. mm
0	0	Max FILL/DIS.PRES. kPa
XXXXX	XXXXX	MFG. Serial No.
XXXXX	XXXXX	Model No.
350	550	Capacity in Gallons
1325	2082	Capacity in Liters
6000	6000	Max Gross lb.
548	647	Tare Mass lb. (estimate)
248	293	Tare Mass kg. (estimate)
XXXXX	XXXXX	Customer Serial No.
MM/YY	MM/YY	Date Retested

FAQs – Stainless Steel IBCs (2 of 2)

How high can you stack stainless steel IBC's?

Do not exceed the maximum stacking loading listed on the serial plate located on the front upper part of the IBC.

How many gallons per inch in 350 or 550 gallons?

42" x 48" Base

Top: 2.5" Tall – 18.78 Gallons

Sloped Bottom: 3" Tall – 20.91 Gallons

1" of Body Height – 8.518 Gallons

How tall are the 350 and 550 gallon IBCs?

350 Gallon with a 42" x 48" Base is 47" High.

550 Gallon with a 42" x 48" Base is 71" High.

How many IBCs will fit on a trailer?

350 gallon IBCs – 48 in a standard 48' trailer

350 gallon IBCs – 52 in a standard 53' trailer

550 gallon IBCs – 24 in a standard 48' trailer

550 gallon IBCs – 26 in a standard 53' trailer