

STEEL DRUMS 205 LITRE INFORMATION GUIDE

Steel drums and barrels are designed for storing and shipping of products. UN rated steel drums are certified to meet UN requirements for hazardous materials. Most steel drums are made from cold rolled carbon steel. Our standard supply colour is white, however black is available.

Choosing the right Steel Drum for your requirements...

Carbon Steel vs Stainless Steel

Most steel drums are available in two types of materials - carbon steel and stainless steel (both shown to the right). Stainless steel are usually used on products requiring drum purity and compatibility of materials, depending on the composition, and generally offer better chemical resistance.

Due to unique properties, stainless steel drums typically outperform carbon steel drums in terms of corrosion resistance, tensile strength and re-usability.



Open Head vs Closed Head

Drums are also available with either an open head cover (can be removed) or a closed tight head cover (permanently secured).

Open head covers are best suited for solids and thicker liquids (oils, absorbents, syrups, gels, etc) and are used in areas where contents are frequently added or extracted. They have a fully removable cover with a lock ring closure.

Alternatively, tight head drums, which are also known as closed head, are non-removable and are used with lower viscosity liquids. Access to these containers is typically through the bung opening at the top of the container.



Covers and Closures

For open head drums, a cover is the lid or top that is secured with a bolt or lever lock ring closure.

Bolt Ring Closures hold the cover to the body of the container by encompassing the cover and the top of the container in a groove. The ring is tightened by a bolt that pulls the ends together. A calibrated torque wrench is used to confirm proper closure.

Lever Lock Ring Closures hold the covers onto the container via a latch (or toggle) that is pulled from one side to the other. Torque is applied to the two ring ends in a similar fashion to the bolt ring, however, no torque wrench is required to confirm proper closure.



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