

Open Top Drums

High Quality Drums for Hygienic Applications



Open Top Drums
Supplied with lid, clampband & silicone 'O' ring seal

Drum Systems have developed a range of all stainless steel open top drums and accessories.

Open Top Drums have a fully removable lid and so are ideal for the handling and mixing of powders, liquids and creams.

Built with an all welded crevice free construction to allow easy cleaning between uses.

Additional fittings can be added to the body or lid of drum, for example: handles, card holders, earthing points, vents, taps, wheels etc.



Lid secured with clampband



Handles available as an optional extra

Standard Sizes & Specifications

Product Contact Parts

- 316L stainless steel
- Silicone rubber (FDA/CFR) acceptable grade

Non-Product Contact Parts

- 304 stainless steel (clampband)

Standard Finish

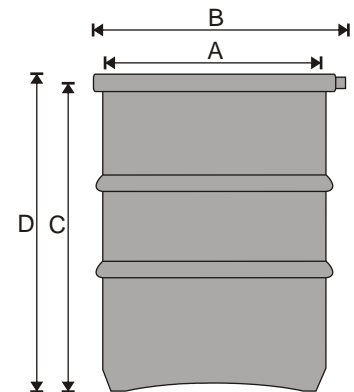
- Internal - 1.0µm Ra (240 grit) welds ground and polished
- External - 1.0µm Ra (240 grit) welds left as laid, crevice free and blended in
- Other finishes available on request

Documentation

- Certificate of Conformity (free of charge)
- Material Certificates (extra cost option)
- Other documentation is available at extra cost

GMP Marking

- Lids and bodies to be etched with a unique identification number
- Customer specific information can also be etched - ask for details



	25	50	100 Standard	100 Squat	150	200	300	400	500
Nominal Volume (litres):	25	50	100	100	150	200	300	400	500
Brimfull Volume (litres):	28	54	107	108	160	216	320	430	530
Internal Diameter (mm) A:	305	400	457	560	560	560	647	750	750
Max. Overall Diameter (mm) B:	365	460	520	630	630	630	750	820	820
Drum Body Height (mm) C:	400	440	670	450	660	895	980	980	1210
Max Overall Height (mm) D:	410	450	680	460	670	905	990	990	1220
Metal Thickness (mm):	1.2	1.2	1.2	1.2	1.2	1.2	1.5	1.5	1.5
Total Weight* (Kg):	6	8	13	13	17	21	28	39	47

* Total weight includes drum body, lid, clampband & 'O' ring

Intermediate volumes available based on standard diameters - contact Drum Systems for details

Drum Systems

Drum Features

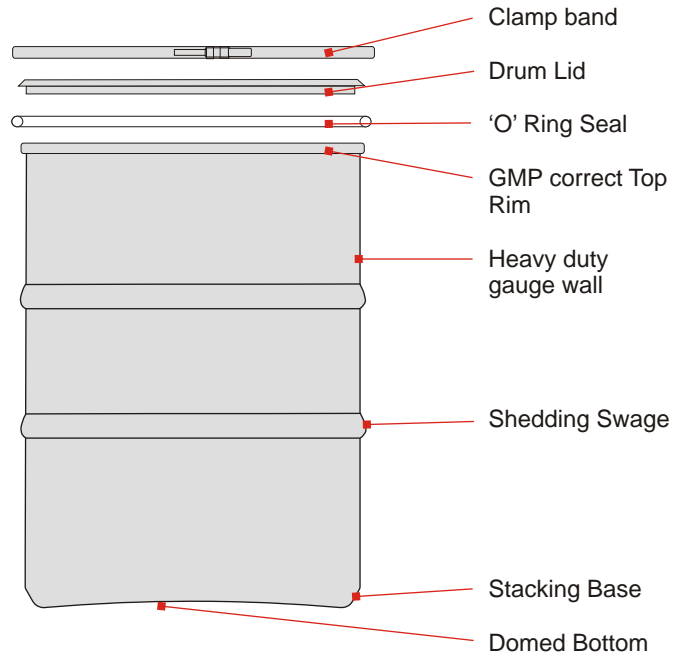
Each Open Top Drum is packed full of features that make it easy to use and easy to look after.

Fully Welded Construction

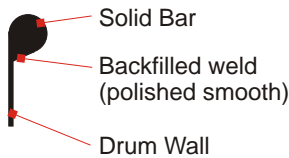
Our Open Top Drums have a fully welded, crevice-free interior, this helps to prevent cross contamination and facilitates thorough cleaning.

Heavy Gauge Stainless Steel

Our Open Top Drums are manufactured from heavy gauge stainless steel to build in strength and provide a long life. 316L stainless steel is used as standard for maximum corrosion protection.



Hygienic correct Top Rim



Solid Rim



Rolled Rim

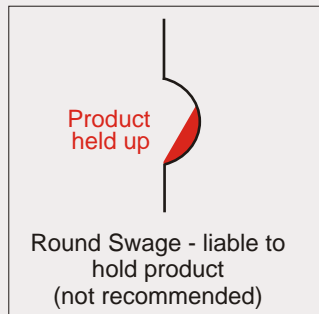
Open Top Drums are available with either a solid top rim or a rolled top rim. For hygienic applications we recommend a solid top rim.

The advantage of the solid rim is that the under side of the rim is smooth and crevice free. This means that there are no traps for product or biological contamination. The solid rim is also stronger.

Self Emptying Swages



PharmaDrum™ Swage



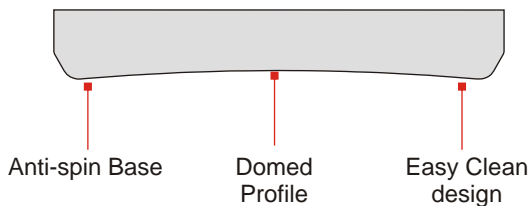
Round Swage - liable to hold product (not recommended)

Open Top Drums are manufactured from heavy gauge stainless steel and so do not require swages to give them additional rigidity. Swages are recommended if the drum is to be mechanically handled.

Open Top Drums have asymmetric swages that are designed to shed product when inverted (poorly designed round swages are well known to hold product).

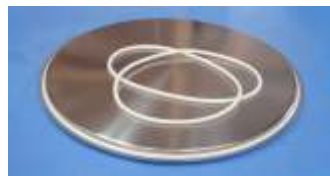
The method of emptying the drum will determine the orientation of the swages.

Easy Clean Base



Open Top Drums are manufactured with a carefully contoured base to provide maximum strength, be easily cleanable and ensure stability under all load conditions.

'O' Ring Seals



Standard 'O' Ring seals are manufactured from white, virgin silicone rubber (to FDA/CFR standard 177.2600).

For more demanding applications 'O' rings are available manufactured from the following polymers:

- PTFE coated silicone
- Viton
- EPDM
- Fluorosilicone

Drum Systems