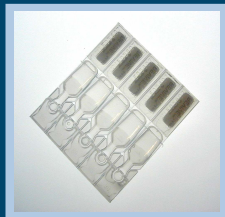




Pharmatech
Innovation in Pharmaceutical Engineering

Containers for Sterile Liquids

SteriCan™

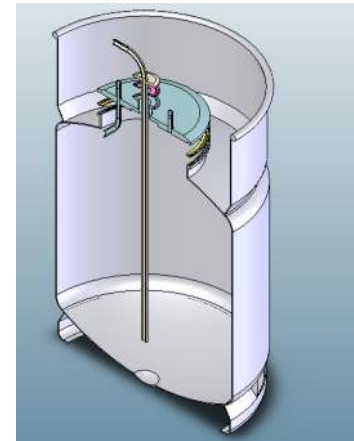


High quality vessels suitable
for storing and transporting
vaccines and injectable liquids

SteriCans™

SteriCans™ are high quality vessels that have been developed as part of a system for the safe storage and transport of vaccines, sterile liquids and other high value liquid products.

SteriCans™ are specifically designed and constructed to ensure that they meet the exacting standards of the pharmaceutical and bio-processing industries.



Top Section

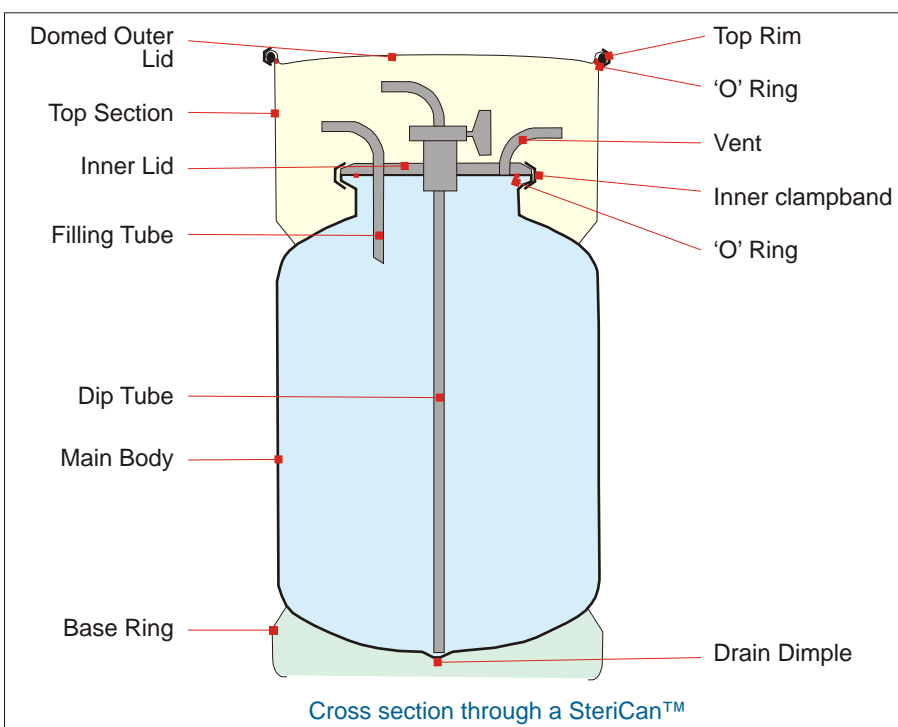
- Provides a sealed container around the inner lid
- The outer lid hermetically seals by means of a clampband
- Lid is shown with a standard arrangement of Filling Tube, Discharge Tube & Vent. Other arrangements are available on request
- Outer Lid is domed for additional strength and to aid drainage during cleaning
- Designed to provide a storage area & protection for flexible hose and lid fittings

Body

- Crevice free construction
- 200mm diameter aperture for easy cleaning & inspection
- Inner lid secured with clampband
- All welds are Dye Penetrant tested to ensure that they are 100% crack free
- Base of the body has a special dimple to aid maximum drainage

Base

- Robust to take the rigours of everyday use.
- The Base is curled inwards to give a large, stable standing area and to prevent floor marking.
- Two base styles are available. One style allows the vessels to be stacked the other design prevents stacking.
- The base is designed to be free-draining when the vessel is washed in the inverted position
- Base ring acts as a crumple zone to prevent damage to the Main Body if the container is dropped



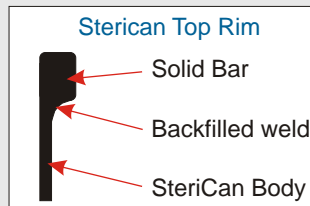


Top Rim Design

The Top Rim of the container is frequently handled by operators. It is vital that this area is designed to be as clean as possible.

SteriCans have a solid top rim. The underside to the rim is filled with weld and is then polished smooth. The result is a very strong and easily cleaned top rim.

SteriCans do not have an unhygienic rolled rim as it is a potential source of biological and chemical cross contamination



Documentation



Every SteriCan is supplied with a comprehensive documentation package for validation.

A standard package will include the documents described below. Customised documentation packages are available on request

- Authenticated original mill melt certificates for all product contact parts identified against an exploded view
- Surface finish Certification
- Certificate of Conformity for non metallic contact parts
- Leak test certificates
- NDT (Dye Penetrant) Test certification for all product contact welds
- TSE Certification to confirm no bovine products have been used in the preparation of the vessel
- Surface Swab Test to confirm cleanliness
- Certificate of Conformity to confirm that agreed specifications have been adhered to

Sterilisation

SteriCans are designed for either dry heat or autoclave sterilisation.

Vessel Marking

SteriCans are individually numbered so that they can be easily identified. We will be pleased to add any customer specific information.



SteriCan Trolley



- Specially designed for use with SteriCans
- Reduce manual handling when moving SteriCans
- 4 wheel steering
- 2 wheels fitted with brakes
- Non-marking wheels
- Custom models available



Technical

Product Contact Parts

- Metallic - 316L stainless steel
- Non metallic - Silicone rubber (FDA) acceptable grade
- Other materials available on request

Non-Product Contact Parts

- Metallic - 304 stainless steel
- Non metallic - Silicone rubber (FDA) acceptable grade
- Other materials available on request

Finish

- Electropolished inside and out
- Internal - 0.25µm Ra*
- External - Centre Section - 0.5µm Ra*
- External - Upper & Lower Sections - Beadblast finish*

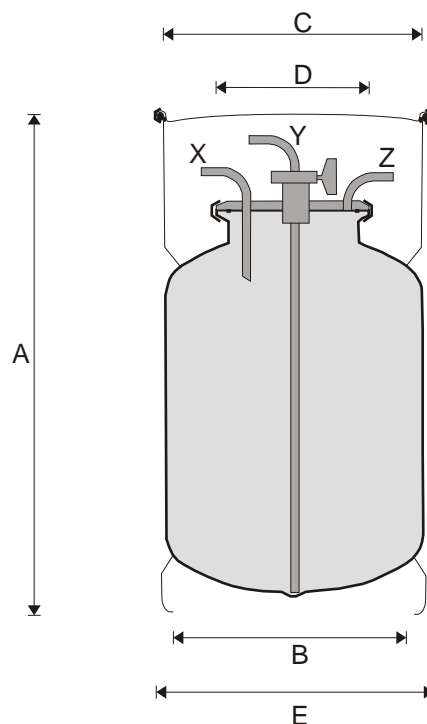
Welds

- All welds ground and polished

Pressure

- Maximum working pressure 0.5barg

* This is the finish achieved before the vessel is electro-polished. Other finishes are available on request.



	SteriCan-25	SteriCan-50	SteriCan-100
Part Number:	SC25	SC50	SC100
Nominal Volume:	25 litres	50 litres	100 litres
Brimful Volume:	27.5 litres	55 litres	110 Litres
Weight (approx.):	20 kg	25kg	45kg
Overall Height (A):	500mm	620mm	860mm
Internal Diameter of vessel body (B):	300mm	400mm	500mm
Max Diameter over Lid & Clampband (C):	340mm	440mm	540mm
Internal Lid Diameter (D):	300mm	400mm	500mm
Base Diameter - Stacking type (E):	290mm	390mm	490mm
Base Diameter - Non-stacking type (E):	320mm	420mm	520mm
Outer Diameter of Tubes (X, Y & Z):	10mm	10mm	10mm
Inner Diameter of Tubes (X, Y & Z):	7mm	7mm	7mm

Other sizes are available on request - these sizes will be based on one of the standard diameters above

Due to our policy of continual improvement specifications may be liable to change without notice. Contact Pharmatech for prices and for confirmation of the specification.

Sterican™ Drop Test

Have confidence when transporting your valuable products. SteriCans™ have been successfully drop tested in accordance with UN and DOT specifications.



Base Ring of a SteriCan after impact from a height of 1.8m. Base Ring crumpled to absorb the impact and the SteriCan did not leak.

Contact us for full details of our test procedures and results.

SteriCans™ are containers that you can rely upon.

Further Information?

Contact us for further information about the Pharmatech SteriCans™.

Pharmatech are suppliers and manufacturers of specialist processing and handling equipment for the pharmaceutical and other hygiene conscious industries.

www.pharmatech.co.uk

