

CSP Flexible Intermediate Bulk Container (FIBC)

Product Design

The CSP FIBC is a single use, robustly designed, containment vessel envisaged for bulk powder handling. It permits the advantageous transport and storage of bulk products. The system consists of a tough outer anti-static polypropylene (PP) restraint attached to a durable inner CSP PharmaFlex™ polyethylene (PE) liner. The PP restraint does not come into contact with the product but acts as a support mechanism for the CSP PharmaFlex™ PE liner. It is the inner CSP PharmaFlex™ PE liner which contains the powder.

Specification

The CSP FIBC can be manufactured for bespoke purposes, however, our standard collection ranges from 50 – 1000 litre capacities. The outer restraint is Type C Atex compliant. The inner liner is made from CSP PharmaFlex™ PE 77 which is FDA and EU Pharmacopoeia compliant. All PharmaFlex™ PE liners are antistatic.

Benefits & Key Features

- Effortless carriage** The transport loops ensure safe and effective manual handling and are ideal for connection to lifting hoists. They can be transported on pallets or in pallet boxes.
- Nanogram Performance** Industrial Hygiene testing has demonstrated nanogram containment performance of <math><25 \text{ ng/m}^3</math>. This is based on the occupational exposure limit (OEL) during the powder transfer operations. Therefore, when properly applied, this system has been demonstrated to achieve non-detect levels of powder egress. This includes the FIBC replacement.
- Maximise product transfer** Ergonomically designed with a charging and discharging spout, coupled with a pyjama tie enclosure. This permits optimal product flow with minimal media retention during the filling and emptying of the FIBC.
- Quick Sampling** Integral sleeves facilitate quick sampling directly from the FIBC without breaking containment.
- Built to last** Each CSP FIBC is 100% pressure/leak tested upon final inspection and has a 5 years antistatic shelf life from the date of manufacture.

