

CSP Continuous Liner

Product Design

The CSP Continuous Liner (CCL) is a multiple use, intuitively designed, containment packaging system. The CCL assures the safe and efficient transfer of powders, giving operators the capability to fill numerous containers without breaking containment. Made from FDA and EU-compliant CSP PharmaFlex™ Polyethylene; the CCL provides containment levels of <math><1 \mu\text{g}/\text{m}^3</math> OEL without the need for expensive added extra air handling systems. This makes it an ideal, inexpensive, easy to install system for high containment powder handling.

Specification

The CCL system comprises of two essential components; the liner and the stainless-steel hardware kit. This includes a stainless-steel cannister with a vent vacuum nozzle built in and necessary clamps and gaskets for installation. A Stainless-Steel support cage to hold the liner and a containment clamp to maintain a clean zone are also supplied. Also supplied with the kit is one full continuous liner. Standard liner diameters and lengths range from 10"/250mm to 23"/584mm and 25 - 50 metres respectively. Other size CCLs can also be manufactured for bespoke purposes. The liner is supplied pre-folded in lengths of up to fifty meters, making them ready for quick and easy installation. The CCL system is CE certified and is suitable for use in ATEX zones 1/21 and 2/22.

Benefits & Key Features

- Effortless Liner Changeout**

The liner support cage permits seamless connection to existing hardware, without jeopardizing containment. The cage can be dropped, fitted with a new liner and reconnected in under five minutes.
- Maximise Efficiency and Safety**

Long liner lengths allow operators to continually process media saving time, compared to shorter single use units. Continuous liner design eliminates cross contamination of powders, protecting the person, plant, and product. A tundish can also be easily fitted to allow for CIP (clean in place).
- Cost Effective System**

Taylor made products and zero cross contamination reduces costs associated with cleaning and waste material handling.
- Extensive Range of Applications**

This system can be attached to a wide range of process equipment for example; mills, centrifuges, dryer off loads, rigid and flexible boxes etc. We can also supply CCL's attached to Rapid Transfer Ports (RTP's).

