

# D100

## Contained transfer system for pharmaceutical intermediates

ILC Dover's D100 is a system of single-use containers and accessories designed for handling pharmaceutical intermediate and excipient powders with moderate potency. D100 containers provide containment levels of 100  $\mu\text{g}/\text{m}^3$  to 5,000  $\mu\text{g}/\text{m}^3$ . D100 flexible containers are made of ILC Dover's industry-proven ArmorFlex® Films, which are reliable and trusted films that have been used in cGMP manufacturing processes for decades.

### Benefits

- **Protects operators** from moderately hazardous powders with industry-validated containment levels of 100  $\mu\text{g}/\text{m}^3$  to 5,000  $\mu\text{g}/\text{m}^3$ .
- **Eliminates cross-contamination** risk without the need for cleaning or cleaning validation with high-purity, single-use flexible containers.
- **Increases facility storage space** with flexible 3D containers that lie flat until needed and safely accommodate more material than similar 2D bags.
- **Reduces risk of external contamination** with cGMP-compliant, inert, and rugged ArmorFlex® films.
- **Accelerates process development and validation** with expert service, guidance, and data from ILC Dover, a trusted partner with decades of service to pharmaceutical manufacturers.



*D100 is suitable for transport, discharge, and charging of moderately hazardous powders in pharmaceutical manufacturing, such as API intermediates, excipients, and raw materials.*

### Key Features

Containment down to 100  $\mu\text{g}/\text{m}^3$

Available in 6 different volumes:  
110L, 185L, 300L, 500L, 700L, 850L

Bag-out sleeve on both the inlet neck and the outlet neck to facilitate contained exchange out of bags during filling and discharging processes

Certain configurations available in compliance with IEC 61340-4-4 Ed 3

# Technical Specifications

## D100 system for handling pharmaceutical intermediate and excipient powders

Feature	Specifications
Containment	100 - 5000 µg/m <sup>3</sup>
Liner Quality Inspection	Inflated for Visual Inspection
Liner Material	ArmorFlex 110 and 114
Restraint Materials	Woven Polypropylene With Interwoven Black Carbon Fiber*
Packaging	Bundled in Groups of 25 (4 Bundles Per Pallet)
UNDOT	Yes

Part Number	Description
HW12750-01	Kit, Hardware, D100 Canister 316L
HW12716-01	2 Groove Canister
HW10066-01	Crimp Kit, 23", Nylon, Crimploc (200 pcs)
HW10069-01	Crimploc Kit, Tool Heads, Blue
HW6636-02	Crimp Removal Tool
HW6052-02	Lifting Bar for 500-850L D100
HW6050-02	Lifting Bar for 110-300L D100

Film	Volume (L)	Part Number
AF110	110	CP0110-110
	185	CP0185-110
	300	CP0300-110
	500	CP0500-110
	700	CP0700-110
	850	CP0850-110
AF114	110	CP0110-114
	185	CP0185-114
	300	CP0300-114
	500	CP0500-114
	700	CP0700-114
	850	CP0850-114



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\* IEC Compliance for ArmorFlex 110

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