

Sonoco commercial printing cartridges

Flow-Rite® Crown XL Ink Dispensing Cartridge



The advanced technology of the Flow-Rite® Crown XL dispensing cartridge is designed for heavier ink coverage applications. Its 12-pound capacity ensures more continuity on press with canister-based inking. For optimum dispensing performance, it offers a choice of two spouts:

1) The Crown spout, designed for automatic ink dispensing systems. Its distinctive shape keeps the system clean by discouraging ink build-up. Working with a valve system, the Crown spout ensures accurate ink delivery to the ink well.

2) The Extended spout, designed with an elongated spout makes it easier to fill hard-to-reach ink wells. With the Flow-Rite® Crown XL dispensing cartridge, ink remains fresh and flowable throughout storage and dispensing, maximizing on-press performance.



Specifications

Outside diameter: 5.10 in/130 mm

Height: 12 lbs:
19.76 in/502 mm

Capacity: 12 lbs:
192 oz/5680 ml

Ink capacity: 12 lbs:
12 lbs/5.44 kg*

Purge residual: < 2%



The Sonoco Flow-Rite Crown XL is designed for use with Sentinel® automated ink systems†.

* Depending on ink density

† Sentinel is a registered trademark of Pamarco Global Graphics

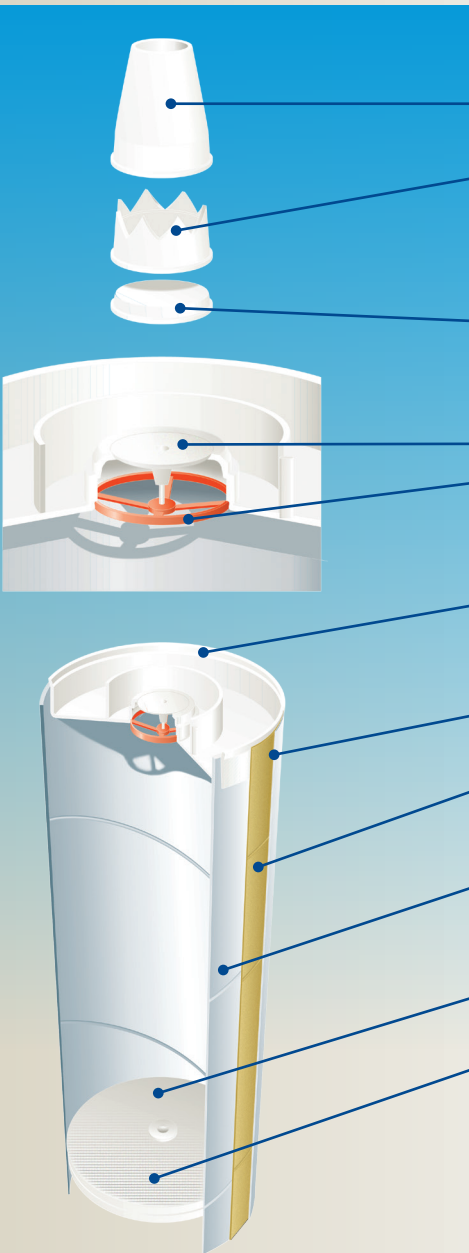
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Flow-Rite[®] Crown XL Ink Dispensing Cartridge

The Flow-Rite[®] Crown XL ink dispensing cartridge combines Sonoco's composite body technology with add-on plastic spout extenders and plunger designs and a patented sealing process. The result is an airtight ink dispensing and storage cartridge that ensures extended shelf life and superior on-press performance.



Two Spout Choices

- OPTION 2: Extended spout for hard-to-reach ink wells.
- OPTION 1: The Crown spout for automatic dispensing systems. The innovative design keeps the dispensing system clean while working with the cartridge's valve system to ensure precise ink delivery into the ink well.
- Each cartridge has an easy-to-remove transport and protection cap to guard against leakage during shipment.

Valve

- Self-closing valve ensures the cartridge stays closed when not in use.
- Spring-loaded design controls ink flow via a variable opening adjusted by air pressure on the plunger.

Cartridge

- Flat end allows for easy automated and manual filling and storage in the nozzle-down position.
- Multiple layer composite construction increases performance:
 - **Label** - Ink-resistant coating can be wiped clean. For large orders, label can be printed for identification or branding purposes.
 - **Body** - Made of 100% recycled paperboard for strength and durability, ensuring the cartridge retains its shape and optimizes performance during dispensing, shipping and storage.
 - **Liner** - The double-layer liner includes a polymer-based layer that allows the plunger to slide easily inside the cartridge. A foil layer protects the ink from moisture and oxidation, increasing the shelf life of the ink, whether the cartridge is full or partially used.
- The unique patented shape and textured design of the plunger displaces unwanted air. Stackable design for automatic systems.
- Transparent plunger allows user to see if all air has been removed after filling. Available in a solid color to protect UV inks.

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