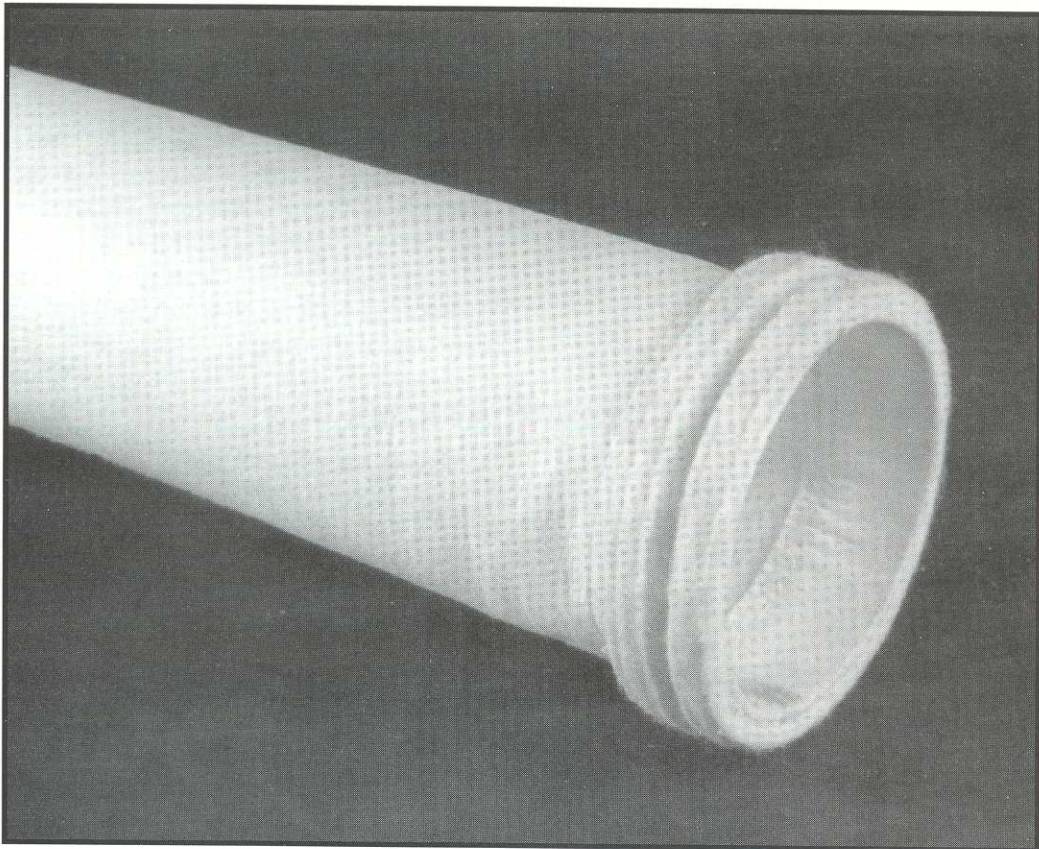


# Product DATA

**UNITED  
CONVEYOR  
CORPORATION**  
2100 NORMAN DRIVE WEST  
WAUKEGAN, ILLINOIS 60085

## **SURE SEAL™ FILTER BAG IMPROVES FIT AND REDUCES LEAKAGE**



United Conveyor Corporation has designed a filter bag with an attachment cuff to assure a "pop-in" fit. The SURE SEAL filter bag is designed to work as part of a system with the UCC bag cage. SURE SEAL filter bags are top removal type, and intended for use in walk-in plenum filter/separators, bag filters, and bin vent filters. They are available in a variety of materials for various applications and temperature requirements.

### Steel band in cuff

The SURE SEAL filter bags have a steel band sewn into the cuff to create the tight, "pop-in" fit. The steel band snaps out into a round position when inserted into the tubesheet. This allows for quick and easy installation and replacement of the SURE SEAL bag.

### Ridged fit groove

There are two ridges sewn into the outside of the SURE SEAL cuff to form a tight seal with the tubesheet. The groove formed by these ridges provides a visible location for the snap action fit.

### Filter media in cuff area

The filter media is sewn into the cuff area of the SURE SEAL filter bag to allow the cuff and bag to be the same material, ensuring consistent durability of the bag and cuff. The SURE SEAL bags are available in several materials with different surface treatments for use in various temperature ranges.

### Direct replacement of existing bags

No modifications are required to replace existing filter bags, making installation of the SURE SEAL bags fast and easy.

### Bag and cage system

When used with the UCC cage, the SURE SEAL bag completes a "system" of filter bag and cage, designed to work together for superb performance. The inside diameter of the SURE SEAL bag is sized to fit the UCC cage and tubesheet to prevent failure from improper fit, and to ensure ease of assembly.

### Cages manufactured of stainless steel

Stainless steel provides outstanding corrosion resistance. Corrosion of the cage can create sharp edges and lead to excessive or premature wear of the filter bag.

### Smooth, burrless wires

Bag cages meet demanding UCC quality standards for smooth, straight, burrless wire surfaces, preventing puncture of bags during installation and operation.

### More wires in cages

UCC cages contain many vertical wires to prevent premature bag failure from excessive flexing. The UCC cages also contain many horizontal wire rings to support the cage at maximum vacuum, protecting against premature cage collapse due to blinding of the bags.

## SPECIFICATIONS

Filter Material	Maximum Temperature	Sizes available
16 oz. Polypropylene felt	180° F	96"
16 oz. Polyester felt	275° F	72", 84", 96", 120"
16 oz. Homopolymer acrylic felt	275° F	72", 84", 96", 120"
18 oz. MPS Polyester felt	275° F	84"
16 oz. Polypropylene felt w/ TETRATEX membrane	275° F	84"
16 oz. RYTON felt	375° F	72", 84", 96", 120"
16 oz. RYTON felt w/TETRATEX membrane	375° F	72", 96"
16 oz. RYTON felt w/GORE-TEX membrane	375° F	96"
14 oz. NOMEX felt w/TETRATEX membrane	400° F	84"
14 oz. NOMEX felt	425° F	72", 84", 96"
16 oz. NOMEX felt, Teflon coated	425° F	72", 120"
16 oz. NOMEX felt	425° F	84", 96"
14 oz. AMAZON felt w/GORE-TEX membrane	425° F	84"
14 oz. P-84 felt	500° F	72", 84", 96"

**For more information on filter bags and cages, contact UCC or your local UCC Sales Representatives**

Descriptions of UCC equipment and services stated herein do not constitute a warranty or a guarantee of performance, nor is any warranty implied.

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