

BPOEX5
BPOEX10
BPOEX25
BPOEX50
BPOEX100

THE EXTENDED LIFE FILTER BAG

PROVIDES OUTSTANDING PERFORMANCE
TWICE THE DIRT HANDLING CAPACITY OF A STANDARD FELT BAG
NO-BYPASS WELDED SEAM DESIGN

FSI



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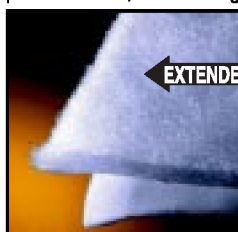
THE EXTENDED LIFE FILTER BAG

INTRODUCTION

The Extended Life Filter Bag (BPOEX) will provide outstanding performance on any type of contaminant (i.e. gels, particles with a wide range of sizes, and with various and irregular shapes). The coarse pre-filtering layer is designed to provide long service life, capturing a large amount of contaminants, without excess surface loading. The BPOEX has been field proven to hold at least twice the amount of contaminants as a standard felt bag, thereby reducing waste volumes and bag changes. The Extended Life Filter Bag is ideal for automotive coatings, chemicals, resins, edible oils, and other fluid applications.

CONSTRUCTION

The Extended Life Filter Bag is made of 100% polypropylene felt. It is a specially designed composite filter bag having a coarse inner layer, a graded pore structure, and much greater depth than a standard filter bag. The



increased thickness of the POEX 10 micron bag can be seen in the photo at the left. The top material is a POEX Extended Life Bag as compared to a standard PONG bag. Extended Life Filter Bags have welded seam construction and our standard Polyloc® ring. They can also be fitted with other conventional rings for existing housings.

FEATURES

Holding capacity is twice that of standard felt bag

Composite bag design

PolyWeld® seam construction

Glazed finish

BENEFITS

Fewer bag change-outs

Longer service life

Reduced waste disposal

Captures contaminants having a wide range of sizes, soft textures (i.e., gels), various and irregular shapes without blind-off

Eliminates possibility of liquid bypass through needle holes

Virtually eliminates fiber migration

STANDARD BAG SIZES

#1 - 7" dia. x 16.5" long

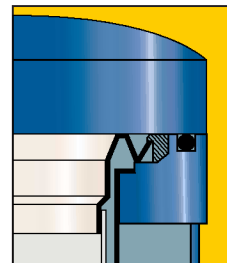
#2 - 7" dia. x 32" long

Suggested differential pressures: 35 PSIG maximum - dirty
10 - 15 PSIG optimum change-out
1 - 3 PSIG initial

Operating temperature: 200°F maximum - polypropylene

POLYLOC® SNAP-FIT BAG SEAL

The Polyloc® top on an FSI filter bag creates a hermetic seal within a vessel housing to prevent liquid bypass.



APPLICATIONS

Metal Coatings, Inorganic Chemicals, Inks, Resins, Lubricants, Adhesives, Synthetic Rubber, Edible Oils and other Fluids

MICRON RATINGS

| Part Number, #1 Bag | Nominal |
|---------------------|---------|
| BPOEX5P1PWE | 5 µm |
| BPOEX10P1PWE | 10 µm |
| BPOEX25P1PWE | 25 µm |
| BPOEX50P1PWE | 50 µm |
| BPOEX100P1PWE | 100 µm |
| Part Number, #2 Bag | Nominal |
| BPOEX5P2PWE | 5 µm |
| BPOEX10P2PWE | 10 µm |
| BPOEX25P2PWE | 25 µm |
| BPOEX50P2PWE | 50 µm |
| BPOEX100P2PWE | 100 µm |

MATERIAL

Polypropylene

ABOUT FSI

Filter Specialists, Inc. (FSI), headquartered in Michigan City, Indiana, has been an innovative manufacturer of liquid filtration products for over 30 years. FSI manufactures both standard and custom design ASME code vessels, micron-rated filter bags, and filtration cartridges for a variety of applications used worldwide.

Whether you need a standard wound cartridge or an elaborate filter vessel (made from an exotic material such as Titanium), Filter Specialists, Inc. has the experience and technical capabilities to analyze your requirements while satisfying your needs with the highest quality products. We also have a complete laboratory facility and staff for in-house analysis and testing to meet many of your requirements.



Filter Specialists, Inc.

TO LEARN MORE ABOUT FILTER SPECIALISTS PRODUCTS, CONTACT ONE OF THE OFFICES OR VISIT OUR WEBSITE AT: <http://www.fsifilters.com>

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PolyWeld® is a registered trademark of Filter Specialists, Inc.

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