

# Dyna-Clear™ BRX

## High Performance Depth Bag Replacement Elements

Many process and product contaminants either blind-off or migrate through the typical bag filter media. These contaminants include, gels, agglomerations, iron sulfides, and sludges. If these bad actors are causing process and product issues in your plant, address it with Dyna-Clear BRX bag replacements. Made with proprietary media that forms an incredibly tortuous path for these contaminants, Dyna-Clear BRX is highly effective on tough contaminants. Try it today and see what a difference you can make.



### THE BOTTOM LINE

#### ■ Cleaner Processes and Products

Dyna-Clear BRX offers 99.5% removal efficiency of a broad spectrum of contaminants, including shear-sensitive and deformable particles. Typical bag filters may be much less efficient and blind-off prematurely with many contaminant types. Clean-up your process and improve product purity with Dyna-Clear BRX bag replacement elements.

#### ■ Consistent Filtration

The media in many bag filters is prone to deformation and shifting under stress. This causes inconsistencies in post-filter impurity levels. Dyna-Clear BRX bag replacement elements will yield the most consistent filtration available. Reduce product and process variability. See what a difference you can make.

#### ■ Extended Service Life

Dyna-Clear BRX bag replacement elements utilize a proprietary media that removes the most challenging contaminants, distributing them uniformly within a fibrous matrix. This allows fluid to flow more freely while the filter is accumulating particulate, resulting in lower differential pressure over the filter's life. Reduce power consumption while reducing filter change-out frequency by installing Dyna-Clear BRX bag replacement elements.

### APPLICATIONS

#### ■ General Industrial

Automotive Adhesives and Coatings  
Food and Beverage Applications  
Paints, Inks, Dyes and Coatings

Dilute Acids and Alkalis Bases  
Municipal and Potable Water Systems  
Metal Finish/Plating Solutions  
Pre-Polymer Filtration

Pulp and Paper  
Vegetable and Animal Oils  
Cutting Fluids and Coolants  
Chemicals, Resins, and Solvents

## SPECIFICATIONS

### MATERIALS

- **MEDIA** proprietary polymeric fiber
- **END CAPS** polyester
- **GASKET** buna-n
- **OPTIONS** gasket materials

### OPERATING DATA

End Cap Material	Max Temp. [F]	Max D.P. <sup>1</sup> [psid]
Polyester	240	50

- Recommended change-out D.P. is 25 -35 psid dependent on process conditions.
- Normal flow direction is inside to outside

### NOMINAL DIMENSIONS

We offer a wide variety of sizes to fit many existing bag vessel baskets.

Provide us your bag vessel model and bag model and we can select the Dyna-Clear BRX that is right for you!

### PERFORMANCE

#### Chemical Compatibility Guide

Material	Aqueous Solutions	Organic Solvents	Alkalis	Strong Alkalis	Weak Acids	Strong Acids	Animal & Vegetable Oils
Polymeric	Excellent	Excellent	Good	Poor	Good	Good	Excellent

This chart provides general guidelines. Specific process conditions may influence performance. Testing is always recommended.

### PARTICLE RETENTION

- **Efficiency:** 90%
- **Grade [µm]:** 1, 3, 5, 10, 20, 40  
Other grades considered upon request

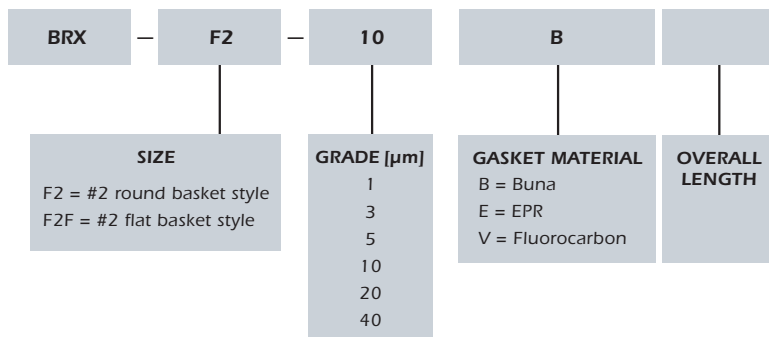
### REPLACEMENT OPTION FOR

- |                           |                    |
|---------------------------|--------------------|
| ▪ American Felt & Filter  | ▪ Knight Filters   |
| ▪ Cuno                    | ▪ Krystil Klear    |
| ▪ ChemFlo                 | ▪ Pall             |
| ▪ Filter Specialists, Inc | ▪ Rosedale         |
| ▪ Filter Systems          | ▪ UF Strainrite    |
| ▪ FTC                     | ▪ Ronningen Petter |
| ▪ GAF                     | ▪ Others           |

### NOTES

1. Max. D.P. may be limited by the vessel manufacturer's design.

### ORDERING INFORMATION



- Not all combinations are available. Consult customer service for verification if necessary.

