

**PRODUCT DATA**

**FILTER-LINE™  
SERIES FB1  
PD-FLFB1-03A  
JANUARY 2003**

**AIR  
FILTERS**

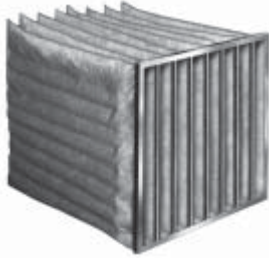
# FILTER-LINE™

## SERIES FB1 — 60/25, 80/25, 90/25

### BAG FILTERS — CLASS 1

60%, 80% AND 90% EFFICIENT — 25" DEEP

### Description



The FILTER-LINE™ Series FB1 — Filter-Line Bag Filters (Class 1) are designed to provide effective filtration and high dust holding capacities. Filter-Line Bag Filter media is two layers of ultrafine fiberglass supported on the air-leaving side by a Class 1 rated support backing. Individual bag pockets are sealed and supported by rust resistant pocket dividers. Bag Filter perimeter frame is constructed of 24 gauge galvanized steel. Filter-Line Bag Filters are available in 60%, 80% and 90% efficiencies when tested in accordance with ASHRAE testing methods. Filter-Line Bag Filters are available in (2) standard face sizes for use in holding frames or filter housings. Filter-Line Bag Filters are listed by UL as Class 1.

### Construction

#### ULTRAFINE FIBERGLASS MEDIA

Filter-Line Bags are manufactured from a two layered fiberglass media, which is supported downstream by a Class 1 rated support backing. Quality Bag Filter media ensures high performance.

#### DOUBLE-LOCK STITCHED FILTER POCKETS

Filter-Line Bags are double-lock stitched on all edges of the filter media and pocket openings. Double-lock stitching guarantees filter durability and guards against filter pocket blowout.

#### RUST RESISTANT POCKET DIVIDERS

Filter-Line Bags utilize individually sewn filter pockets which are joined and sealed by the rust resistant pocket dividers. Dividers also provide extra support for overall filter sturdiness and rigidity.

#### SEALED BAG FILTER POCKETS

Filter-Line Bags are manufactured with sealed stitch lines to prevent any air leakage. All air-leaving side stitch lines are sealed with a Class 1 rated adhesive to seal media edges.

#### 24 GAUGE GALVANIZED PERIMETER HEADER

Filter-Line Bags are provided with a standard nominal 1" 24 gauge galvanized steel frame. Perimeter frame seals all pockets and allows the bag to be used in holding frames or filter housings.

#### 2 STANDARD BAG FILTER SIZES

Filter-Line Bags are offered in (2) standard face sizes. All Bag Filters conform to industry standards for fit and performance. Special sizes are available. Please contact factory for details.

### Dimensional Data

#### SERIES FB1 - BAG FILTERS - CLASS 1

SERIES FB1	EFFICIENCY AND DEPTH	MODEL NUMBER	NOMINAL SIZE	NO. OF POCKETS	SQ. FT. MEDIA
60/25	60% EFFICIENT 25" DEEP	FB160/25122405	12 x 24 x 25	05	48
		FB160/25242410	24 x 24 x 25	10	97
80/25	80% EFFICIENT 25" DEEP	FB180/25122405	12 x 24 x 25	05	48
		FB180/25242410	24 x 24 x 25	10	97
90/25	90% EFFICIENT 25" DEEP	FB190/25122405	12 x 24 x 25	05	48
		FB190/25242410	24 x 24 x 25	10	97

#### Performance Data

SERIES FB1	INITIAL RESISTANCE		RECOMMENDED FINAL RESISTANCE	ARRESTANCE VALUE
	@ 300 FPM	@ 500 FPM		
60/25	.13	.29	1.00	98%
80/25	.20	.41	1.00	99%
90/25	.25	.50	1.00	100%

#### MODEL NUMBER KEY

FB180/25242410

*Insert model number extension  
to complete model number.*

**FB1-** FILTER-LINE™ Bag, Class 1  
**80/25-** 80% Efficiency - 25" Depth  
**24-** Unit Width  
**24-** Unit Height  
**10-** Number of Pockets

#### Notes:

- Actual dimensions are as follows: 12x24 and 24x24 are 5/8" under width and height dimensions shown.
- Filter-Line Bag Filters are available in other face sizes and Bag Filter lengths. Please contact factory for details.

#### Corporate Headquarters

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We reserve the right to make changes in product design and product specifications without prior notice or obligation.

**BLC INDUSTRIES INC.**

*Breathe Easy, We Have The Line On Air Filtration.*