

PRODUCT DATA

**FILTER-LINE™
SERIES FLP
PD-FLFLP-03A
JANUARY 2003**

**AIR
FILTERS**

FILTER-LINE™

SERIES FLP — 30/1, 30/2, 30/4

EXTENDED SURFACE PLEATED FILTERS — CLASS 2

30% EFFICIENT — 1", 2" AND 4" DEEP

Description



The FILTER-LINE™ Series FLP — Filter-Line Pleat (Class 2) Extended Surface Air Filters are designed for a wide range of applications. Filter-Line Pleats offer significantly higher efficiency levels than disposable air filters, pad and frame systems, or permanent metal filter systems. Filter-Line Pleats are available in (3) depths in all common sizes and can be used in built-up framing systems, central station air handling units and side-access filter housings. Filter-Line Pleats are constructed of non-woven cotton fiber media, bonded to an expanded wire backing. Media pack is pleated and enclosed in a heavy die cut fiber board frame. Filter-Line Pleats are classified by UL as Class 2 air filters.

Construction

NON-WOVEN COTTON FIBER MEDIA

Filter-Line Pleats are fabricated from non-woven cotton fibers which are reinforced. Media is treated with a fire-retardant additive for safety purposes and offers high dust retention capacity.

DOUBLE WALL DIE CUT FRAME CONSTRUCTION

Filter-Line Pleats are produced using a two-piece, die cut fiber board that has been treated with a moisture-resistant additive. Frame components overlap for a very rigid finished filter frame.

DIE CUT FILTER FRAME TO MEDIA BOND

Filter-Line Pleats offer a complete filter frame to media pack bond which ensures that there is no air bypass through the filter. Bonding also provides rigidity and maintains pleat alignment.

UNIFORM PLEAT CONTOUR AND MEDIA SPACING

Filter-Line Pleats are designed to provide uniform radial pleat contours for even dust loading across the face of the filter. Evenly spaced pleats provide for higher performance levels.

DOWNSTREAM METAL SUPPORT GRID

Filter-Line Pleats are supported on the downstream side of the media with a fully bonded expanded metal support grid. This eliminates any media fluctuation and assures a long filter life.

WIDE VARIETY OF FILTER DEPTHS AND SIZES

Filter-Line Pleats are available in all common depths and face sizes. All Filter-Line Pleats conform to industry standards for fit and performance. Special sizes are available. Contact factory.

Dimensional Data

FLP 30/1 - 30%, 1" PLEATED FILTERS - CLASS 2

MODEL NUMBER	NOMINAL SIZE	SQ. FT. MEDIA
FLP30/11224	12 x 24 x 1	4.6
FLP30/11620	16 x 20 x 1	4.8
FLP30/11625	16 x 25 x 1	6.1
FLP30/12020	20 x 20 x 1	6.0
FLP30/12025	20 x 25 x 1	7.6
FLP30/12424	24 x 24 x 1	9.0

FLP 30/2 - 30%, 2" PLEATED FILTERS - CLASS 2

MODEL NUMBER	NOMINAL SIZE	SQ. FT. MEDIA
FLP30/21224	12 x 24 x 2	8.5
FLP30/21620	16 x 20 x 2	10.1
FLP30/21625	16 x 25 x 2	12.7
FLP30/22020	20 x 20 x 2	12.2
FLP30/22025	20 x 25 x 2	15.4
FLP30/22424	24 x 24 x 2	17.6

FLP 30/4 - 30%, 4" PLEATED FILTERS - CLASS 2

MODEL NUMBER	NOMINAL SIZE	SQ. FT. MEDIA
FLP30/41224	12 x 24 x 4	14.4
FLP30/41620	16 x 20 x 4	15.6
FLP30/41625	16 x 25 x 4	19.6
FLP30/42020	20 x 20 x 4	19.0
FLP30/42025	20 x 25 x 4	23.5
FLP30/42424	24 x 24 x 4	27.6

Performance Data

SERIES FLP	INITIAL RESISTANCE		RECOMMENDED FINAL RESISTANCE	ARRESTANCE VALUE
	@ 300 FPM	@ 500 FPM		
30/1	.18	.40	1.00	90%
30/2	.14	.22	1.00	90%
30/4	.12	.20	1.00	90%

MODEL NUMBER KEY FLP30/2**2424**

*Insert model number extension
to complete model number.*

FLP- FILTER-LINE™ Pleat
30/2- 30% Efficiency - 2" Depth
24- Unit Width
24- Unit Height

Notes:

- Actual dimensions are as follows: 12x24 and 24x24 are 5/8" under width and height, all others are 1/2" under size shown.
- Depths are as follows: 1" - 3/4", 2" - 1 3/4", and 4" - 3 7/8".
- Average Dust Spot Efficiency rating is 25% to 35%.

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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.