

**PRODUCT  
DATA**  
SAFE-LINE™  
SERIES GPF  
PD-SLGPF-03A  
JANUARY 2003

**FILTER  
RETAINING  
EQUIPMENT**

**SAFE-LINE™  
SERIES GPF  
LIGHT DUTY  
GLASS PAD HOLDING FRAME**

### Description



The SAFE-LINE™ Series GPF — Light Duty Glass Pad Holding Frame is an economical frame system that allows the replacement of the filter pad only. Each time the filter pad is serviced, the pad holding frame is used again and again, providing significant savings in total change-out cost. Frames are fabricated from 24 gauge galvanized steel and come supplied with a 16 gauge galvanized 1 x 1 welded wire support backing. 1" and 2" depth frames are supplied with a hinged gate which retains the filter pad. The hinged gate offers the unique "finger pull" design which eliminates the exposed wire points of competitive type pad frames.

### Construction

#### PAD HOLDING FRAME CONSTRUCTION

GPF Pad Holding Frames are constructed of 24 gauge galvanized steel. Frames are notched, folded and secured with a pop rivet tab. Frames have flush mitered corners for safety.

#### WELDED WIRE SUPPORT BACKING

GPF Pad Holding Frames are supplied with a 16 gauge galvanized 1 x 1 welded wire support backing. Support backing provides pad stability on the downstream side of the Pad Holding Frame.

#### "FINGER PULL" HINGED GATE FOR 1" AND 2"

GPF Pad Holding Frames in 1 and 2 inch depths are supplied with a unique "finger pull" hinged gate which allows easy access to the filter pad. 1/2 inch depth frames are supplied with a "X" type gate.

#### WIDE SELECTION OF FILTER FRAME DEPTHS

GPF Pad Holding Frames are available in 1/2, 1 and 2 inch frame depths to accommodate the three different depth pads. There are at least 6 standard sizes available in each frame depth.

#### SPECIAL SIZE AVAILABILITY

GPF Pad Holding Frames, in addition to the standard sizes, can be fabricated in a variety of special sizes. Frames can be made to match any sizing requirements with no minimum order.

#### SPECIAL FRAME CONSTRUCTION

GPF Pad Holding Frames are available for special applications. Frames can be produced from stainless steel and aluminum. The gate and backing can also be made from special materials.

### Dimensional Data

MODEL NUMBER	NOMINAL DIMENSIONS (WIDTH x HEIGHT x DEPTH)	ACTUAL DIMENSIONS (WIDTH x HEIGHT x DEPTH)
<b>1/2" DEEP — LIGHT DUTY GLASS PAD HOLDING FRAMES</b>		
SLGPF/1224	12 x 24 x 1/2	11 3/8 x 23 3/8 x 3/8
SLGPF/1620	16 x 20 x 1/2	15 1/2 x 19 1/2 x 3/8
SLGPF/1625	16 x 25 x 1/2	15 1/2 x 24 1/2 x 3/8
SLGPF/2020	20 x 20 x 1/2	19 1/2 x 19 1/2 x 3/8
SLGPF/2025	20 x 25 x 1/2	19 1/2 x 24 1/2 x 3/8
SLGPF/2424	24 x 24 x 1/2	23 3/8 x 23 3/8 x 3/8
<b>1" DEEP — LIGHT DUTY GLASS PAD HOLDING FRAMES</b>		
SLGPF11224	12 x 24 x 1	11 3/8 x 23 3/8 x 13/16
SLGPF11620	16 x 20 x 1	15 1/2 x 19 1/2 x 13/16
SLGPF11625	16 x 25 x 1	15 1/2 x 24 1/2 x 13/16
SLGPF12020	20 x 20 x 1	19 1/2 x 19 1/2 x 13/16
SLGPF12025	20 x 25 x 1	19 1/2 x 24 1/2 x 13/16
SLGPF12424	24 x 24 x 1	23 3/8 x 23 3/8 x 13/16
<b>2" DEEP — LIGHT DUTY GLASS PAD HOLDING FRAMES</b>		
SLGPF21224	12 x 24 x 2	11 3/8 x 23 3/8 x 1 7/8
SLGPF21620	16 x 20 x 2	15 1/2 x 19 1/2 x 1 7/8
SLGPF21625	16 x 25 x 2	15 1/2 x 24 1/2 x 1 7/8
SLGPF22020	20 x 20 x 2	19 1/2 x 19 1/2 x 1 7/8
SLGPF22025	20 x 25 x 2	19 1/2 x 24 1/2 x 1 7/8
SLGPF22424	24 x 24 x 2	23 3/8 x 23 3/8 x 1 7/8

**Note:** Please see FILTER-LINE™ Series information for Air Filter Media Pads (FLAFP) specifications.

**MODEL NUMBER KEY**  
SLGPF22424

**SL-GPF-** SAFE-LINE™ LD Glass Pad Holding Frame  
*Insert model number extension to complete model number.*

**2-** Unit Depth  
**24-** Unit Width  
**24-** Unit Height

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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.*

**SUBMITTAL DATA**  
**SAFE-LINE™**  
**SERIES GPF**  
**SD-SLGPF-03A**  
**JANUARY 2003**

**FILTER  
RETAINING  
EQUIPMENT**

**SAFE-LINE™**  
**SERIES GPF**  
**LIGHT DUTY**  
**GLASS PAD HOLDING FRAME**

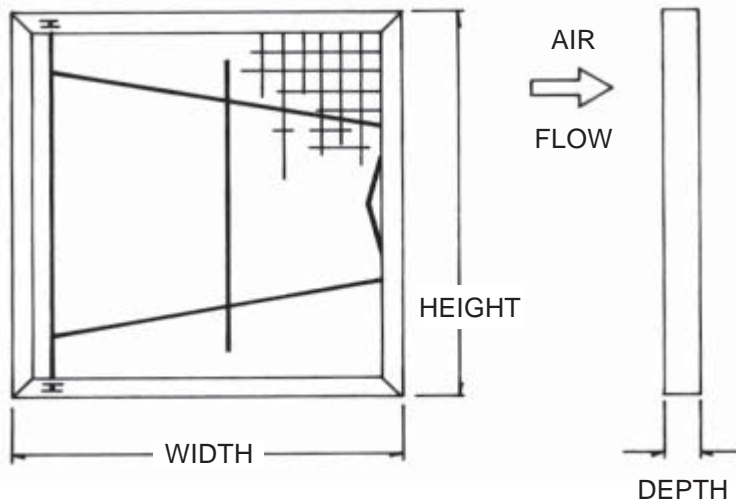
<b>PROJECT</b>						<b>DATE</b>		
<b>MODEL NUMBER</b>	<b>QUANTITY</b>	<b>SYSTEM IDENTIFICATION</b>	<b>WIDTH</b>	<b>HEIGHT</b>	<b>DEPTH</b>			
<b>MODEL NUMBER</b>	<b>QUANTITY</b>	<b>SYSTEM IDENTIFICATION</b>	<b>WIDTH</b>	<b>HEIGHT</b>	<b>DEPTH</b>			

**AVAILABLE  
UNIT OPTIONS**

- SPECIAL UNIT MATERIAL**       **HIGH TEMPERATURE**  
 **SPECIAL UNIT FINISH**       **SPECIALTY OPTION**

Please see  
Product Data for  
details on Options.

**UNIT DIMENSIONAL DATA**



<b>FRAME DIMENSIONS</b>	
NOMINAL	ACTUAL
12 x 24	11 3/8 x 23 3/8
16 x 20	15 1/2 x 19 1/2
16 x 25	15 1/2 x 24 1/2
20 x 20	19 1/2 x 19 1/2
20 x 25	19 1/2 x 24 1/2
24 x 24	23 3/8 x 23 3/8

<b>STANDARD MATERIALS OF CONSTRUCTION</b>	
<b>FRAME</b>	<b>24 GAUGE GALVANIZED STEEL</b>
<b>GATE</b>	<b>10 GAUGE GALVANIZED WIRE</b>
<b>BACKING</b>	<b>16 GAUGE 1 x 1 WELDED WIRE</b>

<b>FRAME DEPTHS</b>	
NOMINAL	ACTUAL
1/2"	3/8"
1"	13/16"
2"	1 7/8"

**MECHANICAL SPECIFICATIONS**

**LIGHT DUTY GLASS PAD HOLDING FRAMES**

Light Duty Glass Pad Holding Frames shall be SAFE-LINE™ Series GPF as manufactured by BLC Industries, Inc. Louisville, KY. Frame sizing shall be determined from the equipment schedule. Frames shall be manufactured from 24 gauge galvanized steel and shall have flush mitered corners. Frame gates shall be constructed of 10 gauge galvanized wire and shall utilize unique finger pull design. Light Duty Glass Pad Holding Frames shall also be supplied with a 16 gauge galvanized 1 x 1 welded wire support backing. Manufacturer shall certify and identify that Light Duty Glass Pad Holding Frames are **Made in the U.S.A.**

**SUGGESTED FRAME INSTALLATION INSTRUCTIONS**

Light Duty Glass Pad Holding Frames are designed to provide an economical system for servicing and replacing pad elements. 1" and 2" Frames are provided with a hinged gate to aid in the change-out of the filter element. Servicing should be done as follows: Remove GPF Frame from side-access housing, built-up holding frame assembly, grille assembly, etc. Place frame on a flat surface and using finger pull, pull gate down to release from frame flange. Hinge gate open and remove and discard pad. Install new pad by tucking edges under frame flanges and close retaining gate. Pull finger pull down and secure the gate under frame flange.

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