



DISPOSABLE PANEL FILTERS

FEATURES

The Glasfloss disposable panel filter has set the standard for quality and durability. This rigidly constructed air filter maintains its integrity where others fall short. Always the highest quality, Glasfloss disposable panel filters have metal grids on both the air entry and the air leaving sides.

CONSTRUCTION

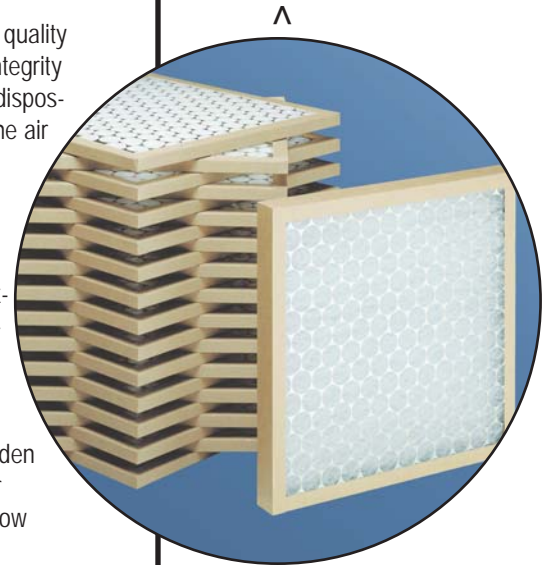
The Glasfloss disposable panel filter uses a progressively dense fiberglass or 100% non-woven polyester media to maximize its high dust holding capacity. The media is encapsulated between two metal grids to maintain integrity under adverse operating conditions. The metal grids are thermally bonded to the internal sides of a heavy-duty, one piece craftboard frame. The closed corner construction prevents dust laden air from bypassing the media through open corners. The filter frame is clearly marked with size, U.L. classification and air flow direction.

APPLICATIONS

The Glasfloss disposable panel filter can be used as a direct replacement for filters supplied in original equipment. Standard sizes are available in 1" and 2" depths to accommodate most filter tracks. Any application can be accommodated with our special sizes, available in 1/2", 1" and 2" depths.

OPTIONS

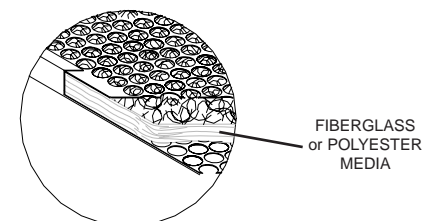
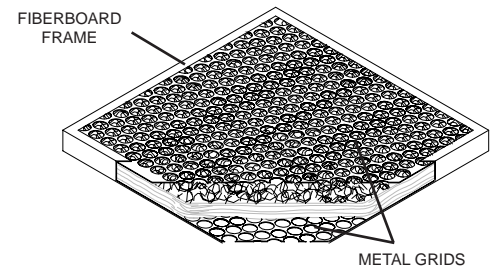
Available with tape around the filter frame for added protection against moisture and/or support bars for added rigidity.



- Progressively Dense Fiberglass or 100% Non-woven Polyester
- Metal Grids on Air Entering and Air Leaving sides
- Heavy-duty Construction
- Thermally Bonded

SPECIFICATIONS

The standard size filter element shall be constructed of a single piece of heavy-duty, one piece craftboard frame. The two metal grids shall be thermally bonded internally to the frame. The metal grids shall be 28 gauge and provide 82% open area. All corners shall be closed and sealed. The fiberglass filter media shall be coated with a non-toxic, non-flammable, odor free adhesive. The fiberglass media shall be constructed in a progressively dense fashion from air entering to air leaving side. The fiberglass media shall have a skin backing on the air leaving side. The polyester filter media shall be 100% non-woven polyester. Glasfloss disposable panel filters shall be rated to withstand temperatures up to 180 Fahrenheit. All filters shall be rated Class 2 under U.L. std. 900.





DISPOSABLE PANEL FILTERS

1" Performance Data

SIZE W x H x D NOMINAL	SIZE W x H x D EXACT	RATED VELOCITY FPM	INITIAL RESIST. IN. W.G.		MEDIA SQUARE FOOT	SIZE W x H x D NOMINAL MM	RATED VELOCITY M/H	INITIAL RESIST. PASCALS	
			FG	POLY				FG	POLY
8 x 16 x 1	7-5/8 x 15-5/8 x 3/4	300	0.07	0.10	0.88	203 x 407 x 25	5490	17.42	24.88
10 x 10 x 1	9-5/8 x 9-5/8 x 3/4	300	0.07	0.10	0.69	254 x 254 x 25	5490	17.42	24.88
10 x 20 x 1	9-5/8 x 19-5/8 x 3/4	300	0.07	0.10	1.38	254 x 508 x 25	5490	17.42	24.88
10 x 24 x 1	9-5/8 x 23-5/8 x 3/4	300	0.07	0.10	1.66	254 x 610 x 25	5490	17.42	24.88
10 x 25 x 1	9-5/8 x 24-5/8 x 3/4	300	0.07	0.10	1.75	254 x 635 x 25	5490	17.42	24.88
10 x 30 x 1	9-5/8 x 29-5/8 x 3/4	300	0.07	0.10	2.08	254 x 762 x 25	5490	17.42	24.88
12 x 20 x 1	11-5/8 x 19-5/8 x 3/4	300	0.07	0.10	1.66	305 x 508 x 25	5490	17.42	24.88
12 x 24 x 1	11-5/8 x 23-5/8 x 3/4	300	0.07	0.10	2.00	305 x 610 x 25	5490	17.42	24.88
12 x 25 x 1	11-5/8 x 24-5/8 x 3/4	300	0.07	0.10	2.08	305 x 635 x 25	5490	17.42	24.88
12 x 30 x 1	11-5/8 x 29-5/8 x 3/4	300	0.07	0.10	2.50	305 x 762 x 25	5490	17.42	24.88
12 x 30-5/8 x 1	11-5/8 x 30-1/4 x 3/4	300	0.07	0.10	2.55	305 x 778 x 25	5490	17.42	24.88
14 x 20 x 1	13-5/8 x 19-5/8 x 3/4	300	0.07	0.10	1.94	356 x 508 x 25	5490	17.42	24.88
14 x 25 x 1	13-5/8 x 24-5/8 x 3/4	300	0.07	0.10	2.43	356 x 635 x 25	5490	17.42	24.88
14 x 30 x 1	13-5/8 x 29-5/8 x 3/4	300	0.07	0.10	2.91	356 x 762 x 25	5490	17.42	24.88
15 x 20 x 1	14-5/8 x 19-5/8 x 3/4	300	0.07	0.10	2.08	381 x 508 x 25	5490	17.42	24.88
15 x 30-5/8 x 1	14-5/8 x 30-1/4 x 3/4	300	0.07	0.10	3.19	381 x 778 x 25	5490	17.42	24.88
16 x 16 x 1	15-5/8 x 15-5/8 x 3/4	300	0.07	0.10	1.77	407 x 407 x 25	5490	17.42	24.88
16 x 20 x 1	15-5/8 x 19-5/8 x 3/4	300	0.07	0.10	2.22	407 x 508 x 25	5490	17.42	24.88
16 x 22-1/4 x 1	15-5/8 x 21-7/8 x 3/4	300	0.07	0.10	2.77	407 x 571 x 25	5490	17.42	24.88
16 x 25 x 1	15-5/8 x 24-5/8 x 3/4	300	0.07	0.10	2.47	407 x 635 x 25	5490	17.42	24.88
18 x 25 x 1	17-5/8 x 24-5/8 x 3/4	300	0.07	0.10	3.13	457 x 635 x 25	5490	17.42	24.88
19 x 27 x 1	18-5/8 x 26-5/8 x 3/4	300	0.07	0.10	3.56	483 x 686 x 25	5490	17.42	24.88
20 x 20 x 1	19-5/8 x 19-5/8 x 3/4	300	0.07	0.10	2.77	559 x 559 x 25	5490	17.42	24.88
20 x 25 x 1	19-5/8 x 24-5/8 x 3/4	300	0.07	0.10	3.47	508 x 635 x 25	5490	17.42	24.88
22 x 22 x 1	21-5/8 x 21-5/8 x 3/4	300	0.07	0.10	3.36	508 x 508 x 25	5490	17.42	24.88
24 x 24 x 1	23-5/8 x 23-5/8 x 3/4	300	0.07	0.10	4.00	610 x 610 x 25	5490	17.42	24.88
25 x 25 x 1	24-5/8 x 24-5/8 x 3/4	300	0.07	0.10	4.34	635 x 635 x 25	5490	17.42	24.88
8 x 30 x 1	7-5/8 x 29-5/8 x 3/4	300	0.07	0.10	1.66	203 x 762 x 25	5490	17.42	24.88
12 x 12 x 1	11-5/8 x 11-5/8 x 3/4	300	0.07	0.10	1.00	305 x 305 x 25	5490	17.42	24.88
12 x 16 x 1	11-5/8 x 15-5/8 x 3/4	300	0.07	0.10	1.33	305 x 407 x 25	5490	17.42	24.88
12 x 18 x 1	11-5/8 x 17-5/8 x 3/4	300	0.07	0.10	1.50	305 x 457 x 25	5490	17.42	24.88
12 x 36 x 1	11-5/8 x 35-5/8 x 3/4	300	0.07	0.10	3.00	305 x 914 x 25	5490	17.42	24.88
14 x 14 x 1	13-5/8 x 13-5/8 x 3/4	300	0.07	0.10	1.36	356 x 356 x 25	5490	17.42	24.88
14 x 18 x 1	13-5/8 x 17-5/8 x 3/4	300	0.07	0.10	1.75	356 x 457 x 25	5490	17.42	24.88
14 x 24 x 1	13-5/8 x 23-5/8 x 3/4	300	0.07	0.10	2.33	356 x 610 x 25	5490	17.42	24.88
15 x 25 x 1	14-5/8 x 24-5/8 x 3/4	300	0.07	0.10	2.60	381 x 635 x 25	5490	17.42	24.88
15 x 30 x 1	14-5/8 x 29-5/8 x 3/4	300	0.07	0.10	3.12	381 x 762 x 25	5490	17.42	24.88
16 x 18 x 1	15-5/8 x 17-5/8 x 3/4	300	0.07	0.10	2.00	407 x 457 x 25	5490	17.42	24.88
16 x 24 x 1	15-5/8 x 23-5/8 x 3/4	300	0.07	0.10	2.67	407 x 610 x 25	5490	17.42	24.88
16 x 30 x 1	15-5/8 x 29-5/8 x 3/4	300	0.07	0.10	3.33	407 x 762 x 25	5490	17.42	24.88
16 x 32 x 1	15-5/8 x 31-5/8 x 3/4	300	0.07	0.10	3.56	407 x 813 x 25	5490	17.42	24.88
16 x 36 x 1	15-5/8 x 35-5/8 x 3/4	300	0.07	0.10	4.00	407 x 914 x 25	5490	17.42	24.88
18 x 18 x 1	17-5/8 x 17-5/8 x 3/4	300	0.07	0.10	2.25	457 x 457 x 25	5490	17.42	24.88
18 x 20 x 1	17-5/8 x 19-5/8 x 3/4	300	0.07	0.10	2.50	457 x 508 x 25	5490	17.42	24.88
18 x 24 x 1	17-5/8 x 23-5/8 x 3/4	300	0.07	0.10	3.00	457 x 610 x 25	5490	17.42	24.88
18 x 30 x 1	17-5/8 x 29-5/8 x 3/4	300	0.07	0.10	3.75	457 x 762 x 25	5490	17.42	24.88

Tolerances shall be +/- 1/8" for height and width. All special sizes will be undersized 1/8" unless specified otherwise. Recommended final resistance is 0.50" in. w. g.



DISPOSABLE PANEL FILTERS

1" Performance Data - cont'd

SIZE W x H x D NOMINAL	SIZE W x H x D EXACT	RATED VELOCITY FPM	INITIAL RESIST. IN. W.G.		MEDIA SQUARE FOOT
			FG	POLY	
18 x 36 x 1	17-5/8 x 35-5/8 x 3/4	300	0.07	0.10	4.50
20 x 22-1/4 x 1	19-5/8 x 21-7/8 x 3/4	300	0.07	0.10	3.09
20 x 24 x 1	19-5/8 x 23-5/8 x 3/4	300	0.07	0.10	3.33
20 x 30 x 1	19-5/8 x 29-5/8 x 3/4	300	0.07	0.10	4.17
20 x 32 x 1	19-5/8 x 31-5/8 x 3/4	300	0.07	0.10	4.44
20 x 36 x 1	19-5/8 x 35-5/8 x 3/4	300	0.07	0.10	5.00
21 x 21 x 1	20-5/8 x 20-5/8 x 3/4	300	0.07	0.10	3.06
21-1/2 x 21-1/2 x 1	21-1/8 x 21-1/8 x 3/4	300	0.07	0.10	3.21
24 x 30 x 1	23-5/8 x 29-5/8 x 3/4	300	0.07	0.10	5.00
24 x 36 x 1	23-5/8 x 35-5/8 x 3/4	300	0.07	0.10	6.00
25 x 32 x 1	24-5/8 x 31-5/8 x 3/4	300	0.07	0.10	5.56

SIZE W x H x D NOMINAL MM	RATED VELOCITY M/H	INITIAL RESIST. PASCALS	
		FG	POLY
457 x 914 x 25	5490	17.42	24.88
508 x 565 x 25	5490	17.42	24.88
508 x 610 x 25	5490	17.42	24.88
508 x 762 x 25	5490	17.42	24.88
508 x 813 x 25	5490	17.42	24.88
508 x 914 x 25	5490	17.42	24.88
533 x 533 x 25	5490	17.42	24.88
546 x 564 x 25	5490	17.42	24.88
610 x 762 x 25	5490	17.42	24.88
610 x 914 x 25	5490	17.42	24.88
635 x 813 x 25	5490	17.42	24.88

2" Performance Data

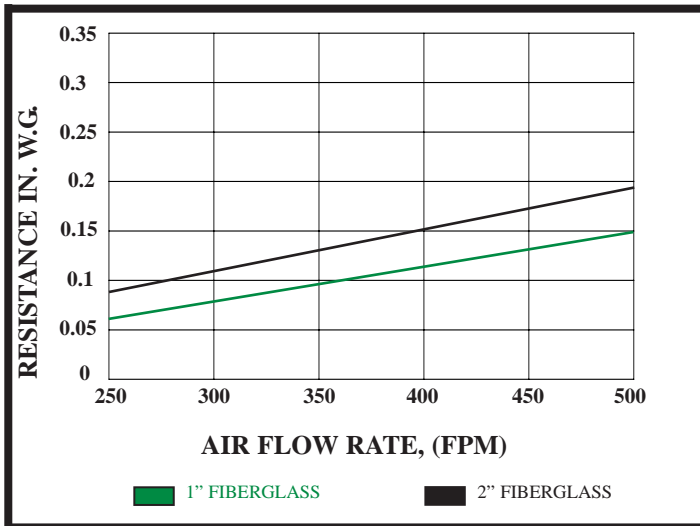
10 x 10 x 2	9-5/8 x 9-5/8 x 1-5/8	500	0.18	0.31	0.69
10 x 20 x 2	9-5/8 x 19-5/8 x 1-5/8	500	0.18	0.31	1.38
12 x 24 x 2	11-3/8 x 23-3/8 x 1-5/8	500	0.18	0.31	2.00
14 x 20 x 2	13-5/8 x 19-5/8 x 1-5/8	500	0.18	0.31	1.94
14 x 25 x 2	13-5/8 x 24-5/8 x 1-5/8	500	0.18	0.31	2.43
15 x 20 x 2	14-5/8 x 19-5/8 x 1-5/8	500	0.18	0.31	2.08
16 x 20 x 2	15-5/8 x 19-5/8 x 1-5/8	500	0.18	0.31	2.22
16 x 24 x 2	15-5/8 x 23-5/8 x 1-5/8	500	0.18	0.31	2.67
16 x 25 x 2	15-5/8 x 24-5/8 x 1-5/8	500	0.18	0.31	2.77
18 x 24 x 2	17-5/8 x 23-5/8 x 1-5/8	500	0.18	0.31	3.00
20 x 20 x 2	19-5/8 x 19-5/8 x 1-5/8	500	0.18	0.31	2.77
20 x 24 x 2	19-3/8 x 23-3/8 x 1-5/8	500	0.18	0.31	3.33
20 x 25 x 2	19-5/8 x 24-5/8 x 1-5/8	500	0.18	0.31	3.47
24 x 24 x 2	23-3/8 x 23-3/8 x 1-5/8	500	0.18	0.31	4.00
25 x 25 x 2	24-5/8 x 24-5/8 x 1-5/8	500	0.18	0.31	4.34

254 x 254 x 50	9150	44.78	77.13
254 x 508 x 50	9150	44.78	77.13
305 x 610 x 50	9150	44.78	77.13
356 x 508 x 50	9150	44.78	77.13
356 x 635 x 50	9150	44.78	77.13
381 x 508 x 50	9150	44.78	77.13
407 x 508 x 50	9150	44.78	77.13
407 x 610 x 50	9150	44.78	77.13
407 x 635 x 50	9150	44.78	77.13
457 x 610 x 50	9150	44.78	77.13
508 x 508 x 50	9150	44.78	77.13
508 x 610 x 50	9150	44.78	77.13
508 x 635 x 50	9150	44.78	77.13
610 x 610 x 50	9150	44.78	77.13
635 x 635 x 50	9150	44.78	77.13

Tolerances shall be +/- 1/8" for height and width. All special sizes will be undersized 1/8" unless specified otherwise. Recommended final resistance is 0.50" in. w. g.

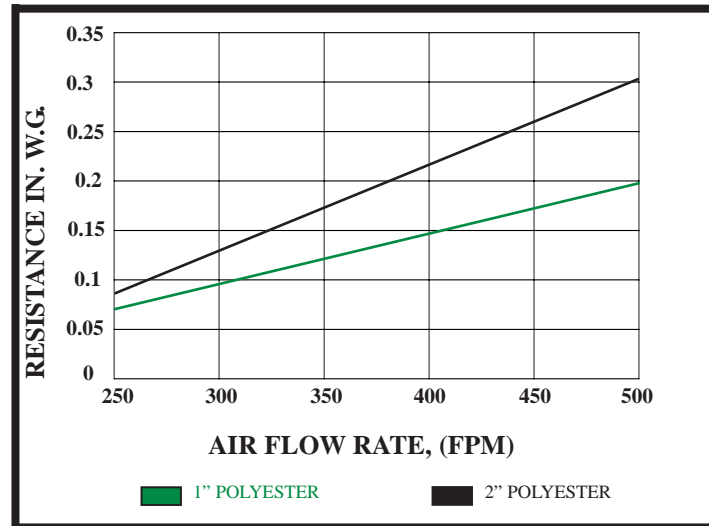
STANDARD PRESSURE DROP

Test Filter Size 24" x 24" Nominal



STANDARD PRESSURE DROP

Test Filter Size 24" x 24" Nominal





SPECIFICATIONS FOR DISPOSABLE PANEL FILTERS

The standard size filter element shall be constructed of a heavy-duty, one piece craftboard frame. The two metal grids shall be thermally bonded internally to the frame. The metal grids shall be 28 gauge and provide 82% open area. All corners shall be closed and sealed. The fiberglass media shall be coated with a non-toxic, non-flammable, odor-free adhesive. The fiberglass media shall be constructed in a progressively dense fashion from air entering to air leaving sides. The polyester filter media shall be 100% non-woven polyester. All Glasfloss disposable filters shall be rated Class 2 under U.L. std. 900.