



**PTA Series**  
Disposable Panel Filters

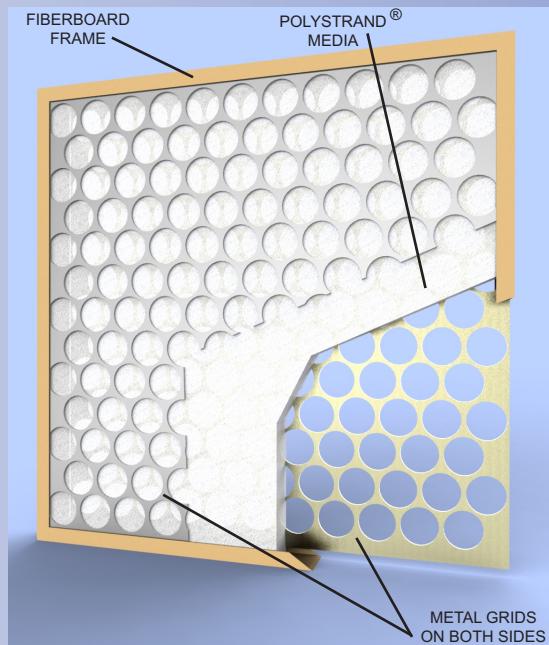
- Progressively Dense PolyStrand® Media
- Heavy-Duty Construction
- Thermally Bonded

**FEATURES** >

The Glasfloss PTA Series 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.

< **SPECIFICATIONS**

The standard size filter element shall be constructed of a single piece of heavy-duty, one piece craftboard frame. The metal grid shall be thermally bonded internally to the frame. The metal grid shall be 28 gauge and provide 82% open area. All corners shall be closed and sealed. The filter media shall be constructed in a progressively dense fashion from air-entering to air-leaving side. The PolyStrand® filter media shall be made from fibers completely coated with a polyester coating. Glasfloss disposable panel filters shall be rated to withstand temperatures up to 180 degrees Fahrenheit. All filters shall be Classified under U.L. std. 900.



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PRODUCT BULLETIN 11PUR • SECTION 11 • 10-12-12



THE CLEAR CHOICE SINCE 1936

### 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. PTA	MEDIA SQUARE FOOT	SIZE W x H x D NOMINAL MM	RATED VELOCITY M/H	INITIAL RESIST. PASCALS PTA
10 x 10 x 1	9-5/8 x 9-5/8 x 3/4	300	0.10	0.69	254 x 254 x 25	5490	24.90
10 x 20 x 1	9-5/8 x 19-5/8 x 3/4	300	0.10	1.38	254 x 508 x 25	5490	24.90
10 x 24 x 1	9-5/8 x 23-5/8 x 3/4	300	0.10	1.66	254 x 610 x 25	5490	24.90
10 x 25 x 1	9-5/8 x 24-5/8 x 3/4	300	0.10	1.75	254 x 635 x 25	5490	24.90
10 x 30 x 1	9-5/8 x 29-5/8 x 3/4	300	0.10	2.08	254 x 762 x 25	5490	24.90
12 x 20 x 1	11-5/8 x 19-5/8 x 3/4	300	0.10	1.66	305 x 508 x 25	5490	24.90
12 x 24 x 1	11-5/8 x 23-5/8 x 3/4	300	0.10	2.00	305 x 610 x 25	5490	24.90
12 x 25 x 1	11-5/8 x 24-5/8 x 3/4	300	0.10	2.08	305 x 635 x 25	5490	24.90
12 x 30 x 1	11-5/8 x 29-5/8 x 3/4	300	0.10	2.50	305 x 762 x 25	5490	24.90
12 x 30-5/8 x 1	11-5/8 x 30-1/4 x 3/4	300	0.10	2.55	305 x 778 x 25	5490	24.90
14 x 20 x 1	13-5/8 x 19-5/8 x 3/4	300	0.10	1.94	356 x 508 x 25	5490	24.90
14 x 25 x 1	13-5/8 x 24-5/8 x 3/4	300	0.10	2.43	356 x 635 x 25	5490	24.90
14 x 30 x 1	13-5/8 x 29-5/8 x 3/4	300	0.10	2.91	356 x 762 x 25	5490	24.90
15 x 20 x 1	14-5/8 x 19-5/8 x 3/4	300	0.10	2.08	381 x 508 x 25	5490	24.90
15 x 30-5/8 x 1	14-5/8 x 30-1/4 x 3/4	300	0.10	3.19	381 x 778 x 25	5490	24.90
16 x 16 x 1	15-5/8 x 15-5/8 x 3/4	300	0.10	1.77	407 x 407 x 25	5490	24.90
16 x 20 x 1	15-5/8 x 19-5/8 x 3/4	300	0.10	2.22	407 x 508 x 25	5490	24.90
16 x 22-1/4 x 1	15-5/8 x 21-7/8 x 3/4	300	0.10	2.77	407 x 571 x 25	5490	24.90
16 x 25 x 1	15-5/8 x 24-5/8 x 3/4	300	0.10	2.47	407 x 635 x 25	5490	24.90
18 x 25 x 1	17-5/8 x 24-5/8 x 3/4	300	0.10	3.13	457 x 635 x 25	5490	24.90
19 x 27 x 1	18-5/8 x 26-5/8 x 3/4	300	0.10	3.56	483 x 686 x 25	5490	24.90
20 x 20 x 1	19-5/8 x 19-5/8 x 3/4	300	0.10	2.77	559 x 559 x 25	5490	24.90
20 x 25 x 1	19-5/8 x 24-5/8 x 3/4	300	0.10	3.47	508 x 635 x 25	5490	24.90
22 x 22 x 1	21-5/8 x 21-5/8 x 3/4	300	0.10	3.36	508 x 508 x 25	5490	24.90
24 x 24 x 1	23-5/8 x 23-5/8 x 3/4	300	0.10	4.00	610 x 610 x 25	5490	24.90
25 x 25 x 1	24-5/8 x 24-5/8 x 3/4	300	0.10	4.34	635 x 635 x 25	5490	24.90
8 x 30 x 1	7-5/8 x 29-5/8 x 3/4	300	0.10	1.66	203 x 762 x 25	5490	24.90
12 x 12 x 1	11-5/8 x 11-5/8 x 3/4	300	0.10	1.00	305 x 305 x 25	5490	24.90
12 x 16 x 1	11-5/8 x 15-5/8 x 3/4	300	0.10	1.33	305 x 407 x 25	5490	24.90
12 x 18 x 1	11-5/8 x 17-5/8 x 3/4	300	0.10	1.50	305 x 457 x 25	5490	24.90
12 x 36 x 1	11-5/8 x 35-5/8 x 3/4	300	0.10	3.00	305 x 914 x 25	5490	24.90
14 x 14 x 1	13 5/8 x 13 5/8 x 3/4	300	0.10	1.36	356 x 356 x 25	5490	24.90
14 x 18 x 1	13-5/8 x 17-5/8 x 3/4	300	0.10	1.75	356 x 457 x 25	5490	24.90
14 x 24 x 1	13-5/8 x 23-5/8 x 3/4	300	0.10	2.33	356 x 610 x 25	5490	24.90
15 x 25 x 1	14-5/8 x 24-5/8 x 3/4	300	0.10	2.60	381 x 635 x 25	5490	24.90
15 x 30 x 1	14-5/8 x 29-5/8 x 3/4	300	0.10	3.12	381 x 762 x 25	5490	24.90
16 x 18 x 1	15-5/8 x 17-5/8 x 3/4	300	0.10	2.00	407 x 457 x 25	5490	24.90
16 x 24 x 1	15-5/8 x 23-5/8 x 3/4	300	0.10	2.67	407 x 610 x 25	5490	24.90
16 x 30 x 1	15-5/8 x 29-5/8 x 3/4	300	0.10	3.33	407 x 762 x 25	5490	24.90
18 x 18 x 1	17-5/8 x 17-5/8 x 3/4	300	0.10	2.25	457 x 457 x 25	5490	24.90
18 x 20 x 1	17-5/8 x 19-5/8 x 3/4	300	0.10	2.50	457 x 508 x 25	5490	24.90
18 x 24 x 1	17-5/8 x 23-5/8 x 3/4	300	0.10	3.00	457 x 610 x 25	5490	24.90
18 x 30 x 1	17-5/8 x 29-5/8 x 3/4	300	0.10	3.75	457 x 762 x 25	5490	24.90
18 x 36 x 1	17-5/8 x 35-5/8 x 3/4	300	0.10	4.50	457 x 914 x 25	5490	24.90
20 x 22-1/4 x 1	19-5/8 x 21-7/8 x 3/4	300	0.10	3.09	508 x 565 x 25	5490	24.90
20 x 24 x 1	19-5/8 x 23-5/8 x 3/4	300	0.10	3.33	508 x 610 x 25	5490	24.90
20 x 30 x 1	19-5/8 x 29-5/8 x 3/4	300	0.10	4.17	508 x 762 x 25	5490	24.90
20 x 36 x 1	19-5/8 x 35-5/8 x 3/4	300	0.10	5.00	508 x 914 x 25	5490	24.90
21 x 21 x 1	20-5/8 x 20-5/8 x 3/4	300	0.10	3.06	533 x 533 x 25	5490	24.90
24 x 30 x 1	23-5/8 x 29-5/8 x 3/4	300	0.10	5.00	610 x 762 x 25	5490	24.90
24 x 36 x 1	23-5/8 x 35-5/8 x 3/4	300	0.10	6.00	610 x 914 x 25	5490	24.90

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.

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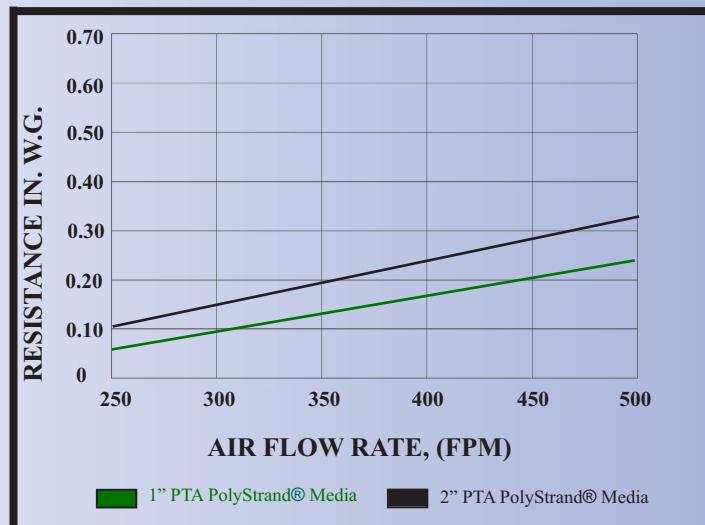
## 2" Performance Data

SIZE W x H x D NOMINAL	SIZE W x H x D EXACT	RATED VELOCITY FPM	INITIAL RESIST. IN. W.G. PTA	MEDIA SQUARE FOOT	SIZE W x H x D NOMINAL MM	RATED VELOCITY M/H	INITIAL RESIST. PASCALS PTA
10 x 10 x 2	9-5/8 x 9-5/8 x 1-5/8	500	0.32	0.69	254 x 254 x 50	9150	44.78 94.50
10 x 20 x 2	9-5/8 x 19-5/8 x 1-5/8	500	0.32	1.38	254 x 508 x 50	9150	44.78 94.50
12 x 24 x 2	11-3/8 x 23-3/8 x 1-5/8	500	0.32	2.00	305 x 610 x 50	9150	44.78 94.50
14 x 20 x 2	13-5/8 x 19-5/8 x 1-5/8	500	0.32	1.94	356 x 508 x 50	9150	44.78 94.50
14 x 25 x 2	13-5/8 x 24-5/8 x 1-5/8	500	0.32	2.43	356 x 635 x 50	9150	44.78 94.50
15 x 20 x 2	14-5/8 x 19-5/8 x 1-5/8	500	0.32	2.08	381 x 508 x 50	9150	44.78 94.50
16 x 20 x 2	15-5/8 x 19-5/8 x 1-5/8	500	0.32	2.22	407 x 508 x 50	9150	44.78 94.50
16 x 24 x 2	15-5/8 x 23-5/8 x 1-5/8	500	0.32	2.67	407 x 610 x 50	9150	44.78 94.50
16 x 25 x 2	15-5/8 x 24-5/8 x 1-5/8	500	0.32	2.77	407 x 635 x 50	9150	44.78 94.50
18 x 24 x 2	17-5/8 x 23-5/8 x 1-5/8	500	0.32	3.00	457 x 610 x 50	9150	44.78 94.50
20 x 20 x 2	19-5/8 x 19-5/8 x 1-5/8	500	0.32	2.77	508 x 508 x 50	9150	44.78 94.50
20 x 24 x 2	19-3/8 x 23-3/8 x 1-5/8	500	0.32	3.33	508 x 610 x 50	9150	44.78 94.50
20 x 25 x 2	19-5/8 x 24-5/8 x 1-5/8	500	0.32	3.47	508 x 635 x 50	9150	44.78 94.50
24 x 24 x 2	23-3/8 x 23-3/8 x 1-5/8	500	0.32	4.00	610 x 610 x 50	9150	44.78 94.50
25 x 25 x 2	24-5/8 x 24-5/8 x 1-5/8	500	0.32	4.34	635 x 635 x 50	9150	44.78 94.50

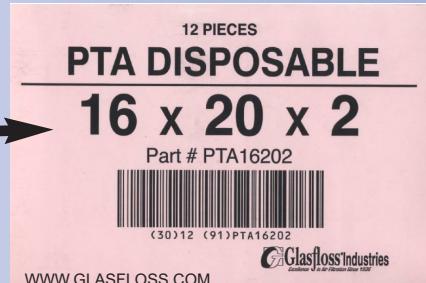
Tolerances shall be +/- 1/8" for height and width. All special sizes will be undersized 1/8" unless specified otherwise. Recommended final resistance is 0.50" in. w. g.

## STANDARD PRESSURE DROP

Test Filter Size 24" x 24" Nominal



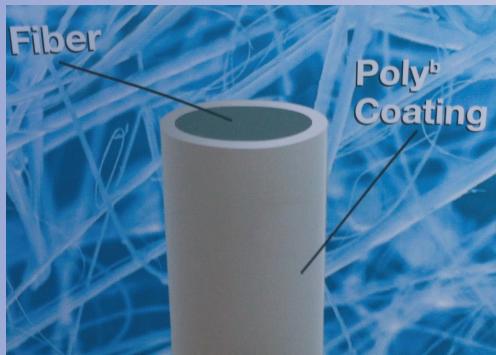
Glasfloss Industries incorporates color-coded carton labels on standard sizes to help identify the product, which enhance warehouse operations and shipments.





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## PolyStrand® Media Advantages



- Fibers encapsulated in a polyester coating
- Lower pressure drop
- Soft to the touch & safe to handle
- High quality & strength
- Enhanced particle size efficiency per independent tests

PolyStrand is a registered Trademark of Superior Fibers Inc.

Performance Data	New PolyStrand® Media	Regular Polyester Media	PTA PolyStrand® Advantages
20x20x1: Initial Resistance (295 FPM)	.10" w.g.	.19" w.g.	48% Lower Resistance!
20x20x2: Initial Resistance (295 FPM)	.14" w.g.	.26" w.g.	47% Lower Resistance!
E1 (%) Initial Efficiency 0.30 - 1.0 um	8	5	60% Greater
E2 (%) Initial Efficiency 1.0 - 3.0 um	30	18	67% Greater
E3 (%) Initial Efficiency 3.0 - 10.0 um	31	16	94% Greater



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