

## EXCEL® & PURAPAK® Extended Surface Bag Filters

- Synthetic or Fiberglass Media Available
- Exclusive Reinforced Header Design
- Heavy-duty Span-stitched Construction
- High Dust Holding Capacity
- Special Sizes Available

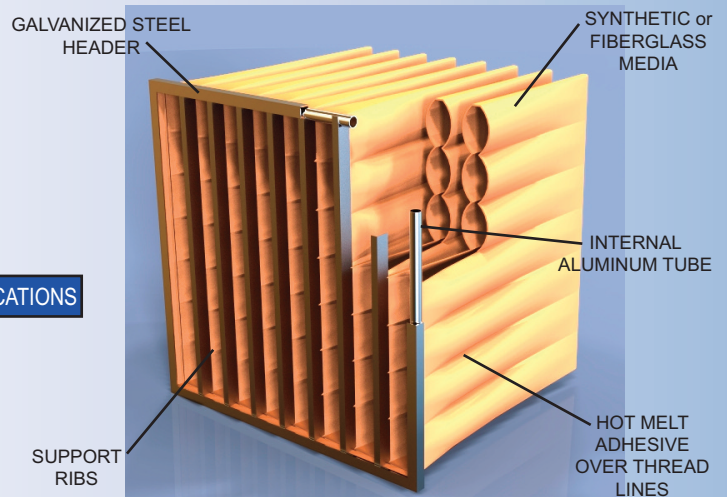
### FEATURES



Glasfloss Excel and Purapak extended surface bag filters offer excellent performance and durability for applications requiring medium to high efficiencies. The Excel bag filter features 100% synthetic media and offers excellent value and performance for most applications. The Purapak bag filter features ultra-fine fiberglass media and is ideal for applications where fiberglass is specified. Both the Excel and Purapak bag filters feature an exclusive internal header design which adds strength to the filters and virtually eliminates "racking" during installation. ANSI/ASHRAE 52.2 test method performance ranges include MERV 9 (40-45%), MERV 11 (60-65%), MERV 13 (80-85%) and MERV 15 (90-95%). Glasfloss Excel and Purapak bag filters are available in most standard and special-size face dimensions in standard and special depths.

The Glasfloss Excel extended surface bag filter shall incorporate an ultra-fine, dual ply 100% synthetic media. The Glasfloss Purapak extended surface bag filter shall incorporate an ultra-fine fiberglass media. Individual pockets shall be formed by span stitching down the length of the pockets to maximize the utilization of media. The stitching shall be coated with a thin line of hot melt adhesive to secure the thread to the media and seal any perforations in the media caused by sewing. The pockets shall be individually adhered to an internal aluminum tube header. Each individual pocket shall be fastened to the next by means of pocket support ribs, which are mechanically attached to the internal header. The entire assembly shall be encased in a galvanized steel header frame to prevent racking and possible bypass of unfiltered air. Glasfloss Excel and Purapak filters shall be Classified under U.L. standard 900. Excel and Purapak filters shall be rated to withstand temperatures up to 160 degrees Fahrenheit.

### SPECIFICATIONS



Efficiency	40-45%	60-65%	80-85%	90-95%
MERV	9 (synth. only)	11	13	15

"Serving You With Locations Throughout The Nation"

Glasfloss has a policy of uninterrupted research, development and product improvement and reserves the right to change design and specifications without notice.

www.glasfloss.com • (214) 741-7056

PRODUCT BULLETIN 8BAG • SECTION 8 • 1-1-24



THE CLEAR CHOICE SINCE 1936

EXCEL			90-95% MERV 15			80-85% MERV 13			60-65% MERV 11			40-45% MERV 9			MEDIA SQUARE FEET	SIZE W x H x D NOMINAL MM		
SIZE W x H x D NOMINAL	PKT NO.	AIR FLOW CAPACITY CFM			INITIAL RESIST. IN. W.G.			INITIAL RESIST. IN. W.G.			INITIAL RESIST. IN. W.G.			INITIAL RESIST. IN. W.G.				
24 x 24 x 15	6	1000	1250	1500	.45	.55	.66	.37	.46	.55	.31	.38	.46	.25	.32	.38	35.75	610 x 610 x 381
24 x 24 x 15	7	1000	1250	1500	.42	.51	.62	.35	.43	.52	.29	.35	.43	.24	.29	.36	41.71	610 x 610 x 381
24 x 24 x 15	8	1000	1250	1500	.37	.47	.60	.31	.40	.50	.26	.33	.42	.21	.27	.34	47.66	610 x 610 x 381
24 x 24 x 15	10	1000	1250	1500	.34	.40	.53	.28	.34	.45	.24	.28	.37	-	-	-	59.58	610 x 610 x 381
24 x 24 x 15	12	1000	1250	1500	.27	.33	.47	.22	.28	.40	.19	.23	.33	-	-	-	71.50	610 x 610 x 381
24 x 24 x 21	6	1000	1250	1500	.38	.50	.57	.32	.42	.48	.27	.35	.40	.22	.28	.33	48.75	610 x 610 x 533
24 x 24 x 21	8	1000	1500	2000	.34	.46	.56	.28	.39	.47	.24	.32	.39	.19	.26	.32	65.00	610 x 610 x 533
24 x 24 x 21	10	1000	1500	2000	.30	.40	.52	.25	.34	.43	.21	.28	.36	.17	.23	.30	81.25	610 x 610 x 533
24 x 24 x 25	6	1000	1500	2000	.28	.49	.61	.24	.41	.51	.20	.34	.42	-	-	-	57.41	610 x 610 x 635
24 x 24 x 25	8	1000	1500	2000	.20	.36	.53	.17	.31	.44	.14	.25	.37	-	-	-	76.55	610 x 610 x 635
24 x 24 x 25	10	1500	2000	2500	.26	.45	.59	.22	.37	.49	.18	.31	.41	-	-	-	95.69	610 x 610 x 635
24 x 24 x 29	6	1500	2000	2500	.45	.55	.66	.38	.46	.55	.32	.38	.46	-	-	-	66.08	610 x 610 x 737
24 x 24 x 29	8	1500	2000	2500	.35	.44	.55	.29	.37	.46	.24	.30	.38	.20	.27	-	88.11	610 x 610 x 737
24 x 24 x 29	10	1500	2000	2500	.22	.36	.52	.19	.31	.43	.16	.25	.36	-	-	-	110.13	610 x 610 x 737
24 x 24 x 36	6	1500	2000	2500	.34	.51	.64	.28	.43	.54	.24	.35	.45	-	-	-	81.25	610 x 610 x 914
24 x 24 x 36	8	1500	2000	2500	.26	.43	.54	.22	.36	.46	.18	.30	.38	-	-	-	108.83	610 x 610 x 914
24 x 24 x 36	10	1500	2000	2500	.20	.34	.47	.16	.28	.40	.14	.24	.33	-	-	-	135.41	610 x 610 x 914
20 x 24 x 15	6	850	1050	1250	.45	.55	.66	.37	.46	.55	.31	.38	.46	.25	.32	.38	35.75	508 x 610 x 381
20 x 24 x 15	8	850	1050	1250	.37	.47	.60	.31	.40	.50	.26	.33	.42	.21	.27	.34	47.66	508 x 610 x 381
20 x 24 x 15	10	850	1050	1250	.34	.40	.53	.28	.34	.45	.24	.28	.37	.19	.23	.31	59.58	508 x 610 x 381
20 x 24 x 21	6	850	1050	1250	.38	.50	.57	.32	.42	.48	.27	.35	.40	.22	.28	.33	48.75	508 x 610 x 533
20 x 24 x 21	8	850	1250	1650	.34	.46	.56	.28	.39	.47	.24	.32	.39	.19	.26	.32	65.00	508 x 610 x 533
20 x 24 x 21	10	850	1250	1650	.30	.40	.52	.25	.34	.43	.21	.28	.36	.17	.23	.30	81.25	508 x 610 x 533
20 x 24 x 25	6	850	1250	1650	.28	.49	.61	.24	.41	.51	.20	.34	.42	-	-	-	57.41	508 x 610 x 533
20 x 24 x 25	8	850	1250	1650	.20	.36	.53	.17	.31	.44	.14	.25	.37	-	-	-	76.55	508 x 610 x 533
20 x 24 x 25	10	1250	1650	2100	.26	.45	.59	.22	.37	.49	.18	.31	.41	-	-	-	95.69	508 x 610 x 533
20 x 24 x 29	6	1250	1650	2100	.45	.55	.66	.38	.46	.55	.32	.38	.46	-	-	-	66.08	508 x 610 x 737
20 x 24 x 29	8	1250	1650	2100	.35	.44	.55	.29	.37	.46	.24	.30	.38	-	-	-	88.11	508 x 610 x 737
20 x 24 x 29	10	1250	1650	2100	.22	.36	.52	.19	.31	.43	.16	.25	.36	-	-	-	110.13	508 x 610 x 737
20 x 24 x 36	6	1250	1650	2100	.34	.51	.64	.28	.43	.54	.24	.35	.45	-	-	-	81.25	508 x 610 x 914
20 x 24 x 36	8	1250	1650	2100	.26	.43	.54	.22	.36	.46	.18	.30	.38	-	-	-	108.83	508 x 610 x 914
20 x 24 x 36	10	1250	1650	2100	.20	.34	.47	.16	.28	.40	.14	.24	.33	-	-	-	135.41	508 x 610 x 914
12 x 24 x 15	3	500	625	750	.45	.55	.66	.37	.46	.55	.31	.38	.46	.25	.32	.38	17.87	305 x 610 x 381
12 x 24 x 15	4	500	625	750	.37	.47	.60	.31	.40	.50	.26	.33	.42	.21	.27	.34	23.83	305 x 610 x 381
12 x 24 x 15	5	500	625	750	.34	.40	.53	.28	.34	.45	.24	.28	.37	.19	.23	.31	29.79	305 x 610 x 381
12 x 24 x 15	6	500	625	750	.27	.33	.47	.22	.28	.40	.19	.23	.33	.15	.19	.27	35.75	305 x 610 x 381
12 x 24 x 21	3	500	625	750	.38	.50	.57	.32	.42	.48	.27	.35	.40	.22	.28	.33	24.37	305 x 610 x 533
12 x 24 x 21	4	500	750	1000	.34	.46	.56	.28	.39	.47	.24	.32	.39	.19	.26	.32	32.50	305 x 610 x 533
12 x 24 x 21	5	500	750	1000	.30	.40	.52	.25	.34	.43	.21	.28	.36	.17	.23	.30	40.63	305 x 610 x 533
12 x 24 x 25	3	500	750	1000	.28	.49	.61	.24	.41	.51	.20	.34	.42	-	-	-	28.70	305 x 610 x 635
12 x 24 x 25	4	500	750	1000	.20	.36	.53	.17	.31	.44	.14	.25	.37	-	-	-	38.27	305 x 610 x 635
12 x 24 x 25	5	750	1000	1250	.26	.45	.59	.22	.37	.49	.18	.31	.41	-	-	-	47.84	305 x 610 x 635
12 x 24 x 29	3	750	1000	1250	.45	.55	.66	.38	.46	.55	.32	.38	.46	-	-	-	33.04	305 x 610 x 737
12 x 24 x 29	4	750	1000	1250	.35	.44	.55	.29	.37	.46	.24	.30	.38	-	-	-	44.05	305 x 610 x 737
12 x 24 x 29	5	750	1000	1250	.22	.36	.52	.19	.31	.43	.16	.25	.36	-	-	-	55.07	305 x 610 x 737
12 x 24 x 36	3	750	1000	1250	.34	.51	.64	.28	.43	.54	.24	.35	.45	-	-	-	40.62	305 x 610 x 914
12 x 24 x 36	4	750	1000	1250	.26	.43	.54	.22	.36	.46	.18	.30	.38	-	-	-	54.16	305 x 610 x 914
12 x 24 x 36	5	750	1000	1250	.20	.34	.47	.16	.28	.40	.14	.24	.33	-	-	-	67.70	305 x 610 x 914
24 x 24 x 12	6	1500	2000	2500	-	-	-	-	-	-	-	-	-	.40	.46	.52	29.25	610 x 610 x 305
20 x 24 x 12	4	1000	1250	1500	-	-	-	-	-	-	-	-	-	.37	.42	.49	19.50	508 x 610 x 305
20 x 24 x 12	5	1250	1500	1750	-	-	-	-	-	-	-	-	-	.38	.42	.48	24.37	508 x 610 x 305
20 x 24 x 12	6	1250	1500	2000	-	-	-	-	-	-	-	-	-	.34	.40	.46	29.25	508 x 610 x 305
20 x 20 x 12	4	1000	1250	1500	-	-	-	-	-	-	-	-	-	.39	.44	.51	16.50	508 x 508 x 305
20 x 20 x 12	5	1000	1500	1750	-	-	-	-	-	-	-	-	-	.35	.47	.54	20.62	508 x 508 x 305
20 x 20 x 12	6	1250	1500	1750	-	-	-	-	-	-	-	-	-	.36	.43	.49	24.75	508 x 508 x 305
20 x 20 x 21	5	1250	1500	2000	-	-	-	-	-	-	-	-	-	.27	.33	.39	34.63	508 x 508 x 533
20 x 20 x 21	6	1250	1500	2000	-	-	-	-	-	-	-	-	-	.23	.29	.34	41.25	508 x 508 x 533
20 x 20 x 21	7	1250	1500	2000	-	-	-	-	-	-	-	-	-	.19	.25	.31	48.63	508 x 508 x 533
12 x 24 x 12	3	750	1000	1250	-	-	-	-	-	-	-	-	-	.40	.46	.52	14.63	305 x 610 x 305

Actual size of face dimension is 5/8" less than nominal. Header thickness is 13/16"

Tolerances shall be +/- 1/8" for height, width and +/- 1" on depth.

All special sizes will be undersized 1/4" unless specified otherwise.

Depth of filter is measured from the front of the header to the end of the pocket.

Recommended final resistance is 1.50" in. w.g.

Performance values based on ASHRAE and in-house testing methods.

"Serving You With Locations Throughout The Nation"

Glasfloss has a policy of uninterrupted research, development and product improvement and reserves the right to change design and specifications without notice.

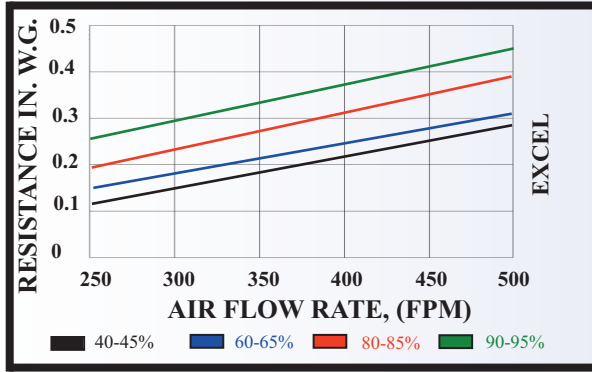
www.glasfloss.com · (214) 741-7056

PURAPAK				90-95% MERV 15			80-85% MERV 13			60-65% MERV 11			MEDIA SQUARE FEET	SIZE W x H x D NOMINAL MM	
SIZE W x H x D NOMINAL	PKT NO.	AIR FLOW CAPACITY CFM			INITIAL RESIST. IN. W.G.			INITIAL RESIST. IN. W.G.			INITIAL RESIST. IN. W.G.				
24 x 24 x 15	6	1000	1250	1500	.50	.62	.74	.42	.52	.62	.35	.43	.52	35.75	610 x 610 x 381
24 x 24 x 15	7	1000	1250	1500	.47	.57	.70	.39	.48	.59	.33	.40	.49	41.71	610 x 610 x 381
24 x 24 x 15	8	1000	1250	1500	.42	.53	.67	.35	.45	.56	.29	.37	.47	47.66	610 x 610 x 381
24 x 24 x 15	10	1000	1250	1500	.38	.45	.60	.32	.38	.50	.26	.31	.42	59.58	610 x 610 x 381
24 x 24 x 15	12	1000	1250	1500	.30	.37	.53	.25	.31	.45	.21	.26	.37	71.50	610 x 610 x 381
24 x 24 x 21	6	1000	1250	1500	.43	.56	.64	.36	.47	.54	.30	.39	.45	48.75	610 x 610 x 533
24 x 24 x 21	8	1000	1500	2000	.38	.52	.63	.32	.44	.53	.26	.36	.44	65.00	610 x 610 x 533
24 x 24 x 21	10	1000	1500	2000	.34	.45	.58	.29	.38	.49	.24	.31	.40	81.25	610 x 610 x 533
24 x 24 x 25	6	1000	1500	2000	.32	.55	.68	.27	.46	.57	.22	.38	.47	57.41	610 x 610 x 635
24 x 24 x 25	8	1000	1500	2000	.23	.41	.59	.19	.34	.50	.16	.29	.41	76.55	610 x 610 x 635
24 x 24 x 25	10	1500	2000	2500	.29	.50	.66	.24	.42	.55	.20	.35	.46	95.69	610 x 610 x 635
24 x 24 x 29	6	1500	2000	2500	.51	.62	.74	.43	.52	.62	.36	.43	.52	66.08	610 x 610 x 737
24 x 24 x 29	8	1500	2000	2500	.39	.49	.62	.33	.41	.52	.27	.34	.43	88.11	610 x 610 x 737
24 x 24 x 29	10	1500	2000	2500	.25	.41	.58	.21	.34	.49	.17	.29	.40	110.13	610 x 610 x 737
24 x 24 x 36	6	1500	2000	2500	.38	.57	.72	.32	.48	.60	.26	.40	.50	81.25	610 x 610 x 914
24 x 24 x 36	8	1500	2000	2500	.29	.48	.61	.24	.40	.51	.20	.33	.43	108.83	610 x 610 x 914
24 x 24 x 36	10	1500	2000	2500	.22	.38	.53	.18	.32	.45	.15	.26	.37	135.41	610 x 610 x 914
20 x 24 x 15	6	850	1050	1250	.50	.62	.74	.42	.52	.62	.35	.43	.52	35.75	508 x 610 x 381
20 x 24 x 15	8	850	1050	1250	.42	.53	.67	.35	.45	.56	.29	.37	.47	47.66	508 x 610 x 381
20 x 24 x 15	10	850	1050	1250	.38	.45	.60	.32	.38	.50	.26	.31	.42	59.58	508 x 610 x 381
20 x 24 x 21	6	850	1050	1250	.43	.56	.64	.36	.47	.54	.30	.39	.45	48.75	508 x 610 x 533
20 x 24 x 21	8	850	1250	1650	.38	.52	.63	.32	.44	.53	.26	.36	.44	65.00	508 x 610 x 533
20 x 24 x 21	10	850	1250	1650	.34	.45	.58	.29	.38	.49	.24	.31	.40	81.25	508 x 610 x 533
20 x 24 x 25	6	850	1250	1650	.32	.55	.68	.27	.46	.57	.22	.38	.47	57.41	508 x 610 x 533
20 x 24 x 25	8	850	1250	1650	.23	.41	.59	.19	.34	.50	.16	.29	.41	76.55	508 x 610 x 533
20 x 24 x 25	10	1250	1650	2100	.29	.50	.66	.24	.42	.55	.20	.35	.46	95.69	508 x 610 x 533
20 x 24 x 29	6	1250	1650	2100	.51	.62	.74	.43	.52	.62	.36	.43	.52	66.08	508 x 610 x 737
20 x 24 x 29	8	1250	1650	2100	.39	.49	.62	.33	.41	.52	.27	.34	.43	88.11	508 x 610 x 737
20 x 24 x 29	10	1250	1650	2100	.25	.41	.58	.21	.34	.49	.17	.29	.40	110.13	508 x 610 x 737
20 x 24 x 36	6	1250	1650	2100	.38	.57	.72	.32	.48	.60	.26	.40	.50	81.25	508 x 610 x 914
20 x 24 x 36	8	1250	1650	2100	.29	.48	.61	.24	.40	.51	.20	.33	.43	108.83	508 x 610 x 914
20 x 24 x 36	10	1250	1650	2100	.22	.38	.53	.18	.32	.45	.15	.26	.37	135.41	508 x 610 x 914
12 x 24 x 15	3	500	625	750	.50	.62	.74	.42	.52	.62	.35	.43	.52	17.87	305 x 610 x 381
12 x 24 x 15	4	500	625	750	.42	.53	.67	.35	.45	.56	.29	.37	.47	23.83	305 x 610 x 381
12 x 24 x 15	5	500	625	750	.38	.45	.60	.32	.38	.50	.26	.31	.42	29.79	305 x 610 x 381
12 x 24 x 15	6	500	625	750	.30	.37	.53	.25	.31	.45	.21	.26	.37	35.75	305 x 610 x 381
12 x 24 x 21	3	500	625	750	.43	.56	.64	.36	.47	.54	.30	.39	.45	24.37	305 x 610 x 533
12 x 24 x 21	4	500	750	1000	.38	.52	.63	.32	.44	.53	.26	.36	.44	32.50	305 x 610 x 533
12 x 24 x 21	5	500	750	1000	.34	.45	.58	.29	.38	.49	.24	.31	.40	40.63	305 x 610 x 533
12 x 24 x 25	3	500	750	1000	.32	.55	.68	.27	.46	.57	.22	.38	.47	28.70	305 x 610 x 635
12 x 24 x 25	4	500	750	1000	.23	.41	.59	.19	.34	.50	.16	.29	.41	38.27	305 x 610 x 635
12 x 24 x 25	5	750	1000	1250	.29	.50	.66	.24	.42	.55	.20	.35	.46	47.84	305 x 610 x 635
12 x 24 x 29	3	750	1000	1250	.51	.62	.74	.43	.52	.62	.36	.43	.52	33.04	305 x 610 x 737
12 x 24 x 29	4	750	1000	1250	.39	.49	.62	.33	.41	.52	.27	.34	.43	44.05	305 x 610 x 737
12 x 24 x 29	5	750	1000	1250	.25	.41	.58	.21	.34	.49	.17	.29	.40	55.07	305 x 610 x 737
12 x 24 x 36	3	750	1000	1250	.38	.57	.72	.32	.48	.60	.26	.40	.50	40.62	305 x 610 x 914
12 x 24 x 36	4	750	1000	1250	.29	.48	.61	.24	.40	.51	.20	.33	.43	54.16	305 x 610 x 914
12 x 24 x 36	5	750	1000	1250	.22	.38	.53	.18	.32	.45	.15	.26	.37	67.70	305 x 610 x 914

Actual size of face dimension is 5/8" less than nominal. Header thickness is 13/16"  
Tolerances shall be +/- 1/8" for height, width and +/- 1" on depth.  
All special sizes will be undersized 1/4" unless specified otherwise.  
Depth of filter is measured from the front of the header to the end of the pocket.  
Recommended final resistance is 1.50" in. w.g.  
Performance values based on ASHRAE and in-house testing methods.

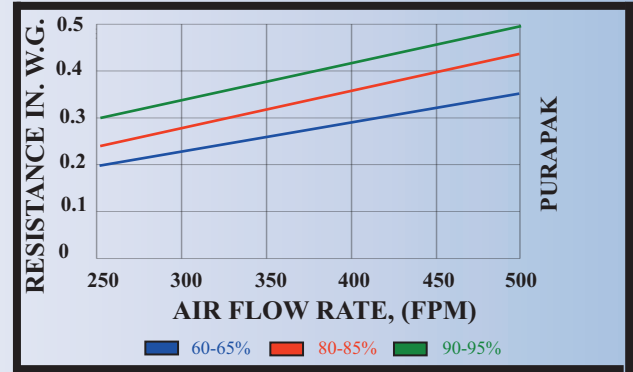
### INITIAL PRESSURE DROP

Test Filter Size 24" x 24" x 29" 8 PKT Nominal



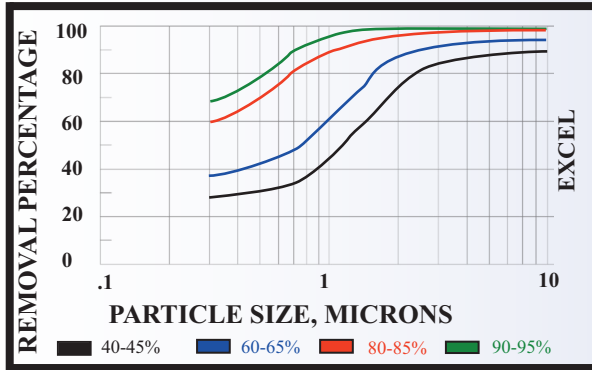
### INITIAL PRESSURE DROP

Test Filter Size 24" x 24" x 29" 8 PKT Nominal



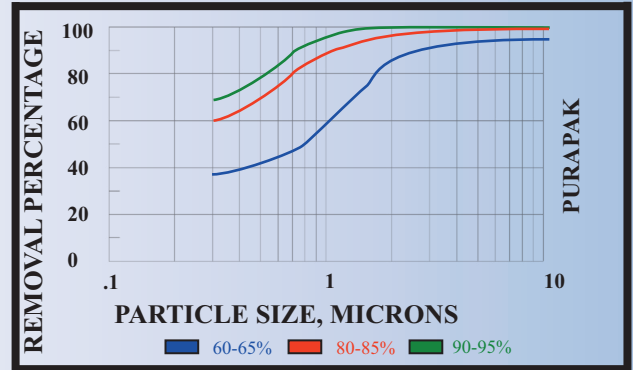
### MINIMUM PARTICLE SIZE EFFICIENCY

Test Filter Size 24" x 24" x 29" 8 PKT Nominal



### MINIMUM PARTICLE SIZE EFFICIENCY

Test Filter Size 24" x 24" x 29" 8 PKT Nominal



### PART NUMBER CONFIGURATION

PREFIX	FILTER SIZE	EFFICIENCY	POCKETS	GASKET LOCATION	HANGER LOOPS	HEADER STYLE	EXACT
SBG = Excel PBG = Purapak OBG = FG Oil Mist**	NUMERICAL SIZE OF FILTER Width/Height/Depth i.e 242412	4 = 40-45% 6 = 60-65% 8 = 80-85% 9 = 90-95%	3 4 5 6 7 8 10 12	Blank = None A = Air Exit 4 Sides B = Air Entry 4 Sides C = Air Entry/Exit 8 Sides D = Side Load 2 Vertical Sides S = One Vertical Side	Blank = None 1 = One End, Each Pocket 2 = Middle of Each Pocket 3 = Both Ends, Each Pocket OR **6" Reinforced loops on OBG 4 = Both Ends & Middle, Each Pocket 5 = 4" Continuous Loops	Blank = Standard 7/8 CM = Cambridge 1 1/8	Blank = Standard E = Exact

Example: Synthetic Bag, 24 x 24 x 25, 95%, 6 pocket, gasket on air exit 4 sides & loops both ends, each pocket.  
**PART NUMBER = "SBG24242596A3"**

Glasfloss' unique internal tube header design creates unmatched header rigidity and is ideal for side access housings. Glasfloss Excel & Purapak extended surface bag filters incorporate media that is color coded to identify efficiency:

- 90-95% Yellow
- 80-85% Pink
- 60-65% Orange
- 40-45%\*

