

PRODUCT OVERVIEW

- MERV 8, 11, 13, 15
- Lofted fiberglass media
- Available in standard configuration and with Cambridge header, optional pocket support loops and gasketing
- Max Temperature - 180°F
- Ideal for use in
 - Office and Retail
 - Manufacturing and Distribution
 - Government and Education facilities
 - Doctor offices, assisted living facilities and Hospitals
 - Hotels and Airports
 - Specialty application areas include: oil mist collection, fume collection and collection of heavy concentrated fine airborne contaminants



FIBERGLASS POCKET FILTERS

WHY THE FIBERGLASS POCKET?

- Constructed of an ultra fine glass fiber media
- Durable construction optimizes performance
- The header and J-channel are constructed of 30 gauge galvanized steel to prevent rusting and provide rigid support to the filter face
- Media is bonded to a thin nonwoven synthetic backing and sewn with multiple rows of expanded stitching. The stitch is flexible to help maintain pocket shape in changing conditions
- All stitching is sealed with adhesive resin to prevent any possible leakage
- Low initial pressure drop provides longer service life
- Filters fit into most standard built up filter banks or side access housing systems without any modification



FIBERGLASS POCKET FILTERS

PERFORMANCE DATA (24 x 24)

FILTER DEPTH	INITIAL RESISTANCE ("w.g. at 500 fpm)												FINAL RESISTANCE ("w.g.)
	MERV 11				MERV 13				MERV 15				
	6 PKT	8 PKT	10 PKT	12 PKT	6 PKT	8 PKT	10 PKT	12 PKT	6 PKT	8 PKT	10 PKT	12 PKT	
15"	-	-	-	0.33	-	-	-	0.45	-	-	-	0.58	1.0
22"	0.45	0.34	0.27	-	0.63	0.47	0.37	-	0.80	0.60	0.48	-	1.0
30"	0.35	0.26	0.21	-	0.47	0.35	0.28	-	0.60	0.45	0.36	-	1.0
36"	0.29	0.22	-	-	0.40	0.30	-	-	0.51	0.38	-	-	1.0

PRODUCT DATA - 24" WIDTH

MERV 8 PART NO.	MERV 11 PART NO.	MERV 13 PART NO.	MERV 15 PART NO.	NOMINAL SIZE* (H" x W" x D")	ACTUAL SIZE (H" x W" x D")	NUMBER OF POCKETS	MEDIA AREA (SQ. FT.)
14092	16871	14087	16872	24 x 24 x 10	23 3/8 x 23 3/8 x 10	6	21
10209 16761	16873 10211	10364 10220	13885 10229	24 x 24 x 15	23 3/8 x 23 3/8 x 15	6 12	32 63
10210 12474 12473	10214 10213 10212	10223 10222 10221	13862 13861 10230	24 x 24 x 22	23 3/8 x 23 3/8 x 22	6 8 10	48 63 77
12472 12471 12470	10217 10216 10215	10226 10225 10224	10235 10234 10233	24 x 24 x 29	23 3/8 x 23 3/8 x 29	6 8 10	65 84 105
16886 16887 16888	10219 10218 16756	10228 10227 10657	10237 10236 13889	24 x 24 x 36	23 3/8 x 23 3/8 x 36	6 8 10	82 102 128

PRODUCT DATA - 12" WIDTH

MERV 8 PART NO.	MERV 11 PART NO.	MERV 13 PART NO.	MERV 15 PART NO.	NOMINAL SIZE* (H" x W" x D")	ACTUAL SIZE (H" x W" x D")	NUMBER OF POCKETS	MEDIA AREA (SQ. FT.)
14998	16868	16869	16870	24 x 12 x 10	23 3/8 x 11 3/8 x 10	3	10
12488 12487	12496 12468	12454 12453	12440 12439	24 x 12 x 15	23 3/8 x 11 3/8 x 15	3 6	16 32
12486 12485	12467 12466	12452 12451	12438 12437	24 x 12 x 22	23 3/8 x 11 3/8 x 12	3 4	24 31
12483 12482	14198 12463	12449 12448	14197 12434	24 x 12 x 29	23 3/8 x 11 3/8 x 29	3 4	32 42
16876 16877	17035 16750	17037 16952	13031 17034	24 x 12 x 36	23 3/8 x 11 3/8 x 36	3 4	41 54

* Contact Customer Care for additional sizes and information.

ENGINEERING SPECIFICATIONS

1.0 General

- Filters shall be Aerostar® Fiberglass Pocket air filters as manufactured by Filtration Group.
- Filters shall be available in 4 efficiency levels with varying depths from 15" to 36".
- Underwriters Laboratories classified to UL 900.
- Filters are manufactured by an ISO 9001 registered company.

2.0 Filter Materials of Construction

- Media shall be fiberglass with a synthetic carrier that does not support microbial growth.
- The media shall be sewn together to form pockets and internal stitch lines shall be covered with adhesive as to not allow for by-pass

- Media shall be adhered to all frame components to eliminate by-pass and maintain integrity throughout life.
- Frame shall be made fully of 30 ga. galvanized steel.

3.0 Filter Performance

- Filters shall be available in MERV 8, 11, 13 and 15 when tested in accordance with ASHRAE 52.2 Test Standard.
- Filters shall be rated to withstand a continuous operating temperature of up to 180°F.
- Filters shall have a recommended final resistance of 1.0" w.g.