

PRODUCT OVERVIEW

- MERV 11, 14, 15
- Heavy and durable synthetic media
- Available in standard configuration and with Cambridge header, optional pocket support loops and gasketing
- Max Temperature - 150°F
- Ideal for use in
 - Office and Retail
 - Manufacturing and Distribution
 - Government and Education facilities
 - Hospitals
 - Automotive Plants
 - Biotechnology Facilities
 - Hotels and Airports
 - Primary or secondary filter in HVAC systems



RHINO POCKET FILTERS

WHY THE RHINO POCKET?

- Construction of very heavy and durable synthetic media that resists tearing or failing during handling and installation
- Designed to withstand the constant abuse and remain functional and dependable during entire life cycle
- Utilizes a stiff material and heavy duty stitching to ensure proper inflation and performance
- Continuously bonded synthetic material which minimizes or eliminates the particle shedding that occurs in lower weight fiberglass pockets
- Stitch holes are sealed with an adhesive to provide even more support and eliminate the chance of air by-pass
- Replaces flimsy fiberglass and synthetic pocket filters
- Works well in 100% relative humidity environments



RHINO POCKET FILTER

PERFORMANCE DATA (24 x 24)

FILTER DEPTH	NUMBER OF POCKETS	MERV 11			MERV 15			FINAL RESISTANCE (*w.g.)
		375 fpm	500 fpm	625 fpm	375 fpm	500 fpm	625 fpm	
19	8	0.18	0.25	0.33	0.32	0.42	0.53	1.0
	10	0.13	0.20	0.27	0.25	0.35	0.44	
26	8	0.15	0.21	0.28	0.28	0.37	0.47	1.0
	10	0.11	0.17	0.23	0.23	0.30	0.39	

PRODUCT DATA - 24" WIDTH

MERV 11 PART NO.	MERV 14 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.)
312984 312949	312985 312950	312986 312951	24 x 24 x 12	23 3/8 x 23 3/8 x 12	10 12	42 50
313031 313007 312972	313032 313008 312973	311825 313009 312974	24 x 24 x 19	23 3/8 x 23 3/8 x 19	6 8 10	40 53 66
312961 312996 313019	309930 312997 313020	312962 305811 313021	24 x 24 x 26	23 3/8 x 23 3/8 x 26	6 8 10	43 72 90

PRODUCT DATA - 12" WIDTH

MERV 11 PART NO.	MERV 14 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.)
312993 312958	312994 312959	312995 312960	24 x 12 x 12	23 3/8 x 11 3/8 x 12	5 6	21 25
313039 313016 313981	313040 313017 312982	313041 313018 312983	24 x 12 x 19	23 3/8 x 11 3/8 x 19	3 4 5	20 27 33
312969 313004 313028	312970 313005 313029	312971 313006 313030	24 x 12 x 26	23 3/8 x 11 3/8 x 26	3 4 5	22 36 45

*Contact Customer Care for special sizes

ENGINEERING SPECIFICATIONS

1.0 General

- Filters shall be Aerostar® Rhino Pocket air filters as manufactured by Filtration Group.
- Filters shall be available in 3 efficiency levels with varying depths from 12" to 26".
- Underwriters Laboratories classified to UL 900.
- Filters are manufactured by an ISO 9001 registered company.

2.0 Filter Materials of Construction

- Media shall be spunbonded synthetic that does not support microbial growth.
- The media shall be sewn together to form pockets and stitch lines shall be covered with adhesive as to not allow 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 11, 14 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 150°F.
- Filters shall have a maximum recommended final resistance of 1.0" w.g.