










BASIC FILTRATION



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FIBERGLASS DISPOSABLE

-  Industrial grade air filter
-  Progressive depth layered fiberglass media
-  Expanded metal backing with thermally bonded frame
-  Custom size available in 1/2", 1" and 2" thickness



DESCRIPTION

The Fiberglass Disposable filter is made for commercial or industrial use. It is constructed with a heavy duty chipboard frame that is thermally bonded to continuous glass fibers. The fiberglass media is designed with progressively dense material and a tackifier to ensure maximum dust holding capacity and efficiency.

Expanded metal backing is securely bonded to the frame providing dynamic durability.

BENEFITS

The fiberglass media is coated with a dust-holding adhesive that helps prevent particles from migrating downstream.

Its durable construction allows for maximum performance and reliability under adverse conditions.

APPLICATIONS

Fiberglass air filters are recommended when basic filtration is required.

Potential applications include: retail, commercial and industrial locations.

Fiberglass Disposable filters are available for standard and custom size air handling units that have a depth of 1/2", 1" and 2".



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FIBERGLASS DISPOSABLE

DIMENSIONS AND PART #S

APPLICATION PARAMETERS

Availability: Custom sizes available

<http://www.grainger.com/custom/filters>

Flammability: UL Classified

OPERATING PARAMETERS

	1" Depth	2" Depth
Rated Velocity:	350 FPM	350 FPM
Final Resistance: (Recommended)	.50" w.g.	.50" w.g.






PERFORMANCE RESULTS

	1" Depth	2" Depth
Avg. Arrestance:	60%	73%
Initial Resistance: (@ 300 FPM)	.05" w.g.	.08" w.g.

Nominal Size (In.)				Grainger #	Nominal Size (In.)				Grainger #
H	W	D	H		W	D			
8	16	1	5W499	18	20	1	5C457		
8	30	1	5W980	18	24	1	5C458		
10	10	1	5W500	18	25	1	5W503		
10	14	1	2JBG6	19	27	1	5C459		
10	20	1	1W304	20	20	1	1W097		
10	24	1	5C447	20	22.25	1	5W988		
10	25	1	5C448	20	24	1	5C460		
10	30	1	5C449	20	25	1	1W096		
12	12	1	5W501	20	29	1	6U688		
12	16	1	5C450	20	30	1	5C461		
12	18	1	5E891	20	36	1	2JBG5		
12	20	1	5C451	22	22	1	5C462		
12	24	1	5W502	22	24.25	1	5W989		
12	25	1	5C452	24	24	1	5W504		
12	30	1	5W981	24	30	1	5C463		
12	30.63	1	5W982	25	25	1	1W507		
14	14	1	2JBG4	10	10	2	5C464		
14	20	1	2W015	10	20	2	5C465		
14	24	1	5C453	12	24	2	5W505		
14	25	1	2W016	14	20	2	5C466		
14	30	1	5W983	14	25	2	5C467		
15	20	1	1W506	15	20	2	5W506		
15	25	1	5C454	16	16	2	6U690		
15	30	1	5W984	16	20	2	1W103		
15	30.63	1	5W985	16	24	2	5C468		
16	16	1	5C455	16	25	2	1W102		
16	20	1	1W099	18	24	2	5C469		
16	22.25	1	5W986	20	20	2	1W101		
16	24	1	5C456	20	24	2	5C470		
16	25	1	1W098	20	25	2	1W100		
16	26	1	6U689	24	24	2	5W507		
18	18	1	5W987	25	25	2	5W508		



GREASE BAFFLES FILTER

-  Aerodynamic design
-  Galvanized or stainless steel replaces mesh filters
-  Self-draining with five drain holes on top and bottom; handles included
-  Easy clean-up by soaking, spraying or running through dishwasher
-  Installed on an angle with baffles in vertical position



GALVANIZED STEEL

Manufacturer with heavy duty 24 gauge galvanized steel, including the baffles. Two layers of baffles are aligned to eliminate the direct passage of flame and grease throughout the filters.

Grease-laden air is forced to swirl, preventing the accumulation of grease on the baffles.

Maximum Temperature - 450°F

STAINLESS STEEL

Stainless steel baffles securely connected with heavy stainless steel rivets. The thickness of the two layers of stainless steel shall be not less than .024.

Maximum Temperature - 900°F

DIMENSIONS & PART #S




Nominal Size (In.)			
H	W	D	Grainger #
Galvanized Steel			
16	20	2	4C880
16	25	2	4C881
20	16	2	5C107
20	20	2	4C882
20	25	2	4C883
25	16	2	5C108
25	20	2	5C109
Stainless Steel			
16	20	2	2EJY5
16	25	2	2EJY6
20	16	2	2EJY7
20	20	2	2EJY8
20	25	2	2EJY9
25	16	2	2EJZ1
25	20	2	2EJZ2

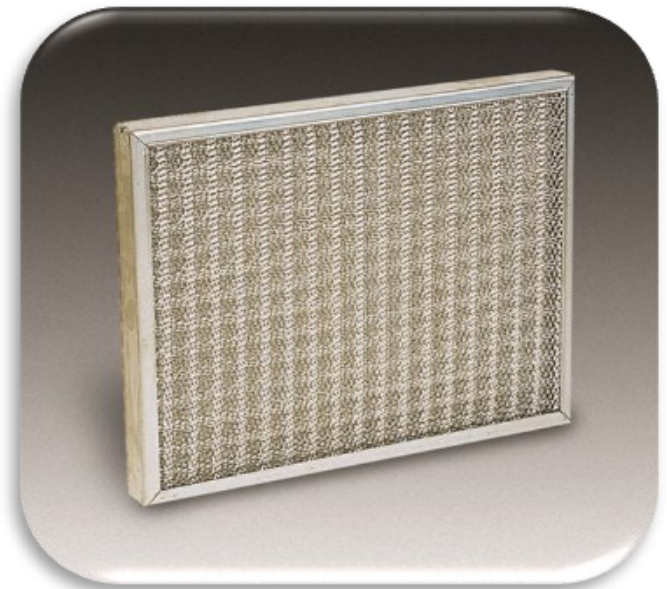


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METAL MESH FILTERS

-  Washable filters, can be vacuumed, sprayed or run through the dishwasher for cleaning
-  Rugged construction
-  Used as roughing filters in HVAC applications



DIMENSIONS & PART #S

Nominal Size (In.)

H	W	D	Grainger #
Aluminum Mesh			
16	20	1/2	2GGP6
16	25	1/2	2GGR1
20	20	1/2	2GGR5
20	25	1/2	2GGR9
24	24	1/2	2GGT4
16	20	1	2TE94
16	25	1	2TE95
20	20	1	2TE96
20	25	1	2GGT8
24	24	1	2GGU3
16	20	2	2TE97
16	25	2	2TE98
20	20	2	2TE99
20	25	2	2TJ10
24	24	2	2TJ11
Zinc Coated Steel			
10	20	2	4C405
16	20	2	4C406
16	25	2	4C407
20	20	2	4C408
20	25	2	4C409
Handles for Mesh Filters			
(2) Pair			4C410

ALUMINUM

Rustproof; constructed of multiple layers of corrugated aluminum wire mesh in a heavy-gauge aluminum U-channel frame

ZINC-COATED STEEL

Constructed of multiple layers of expanded corrugated steel mesh. Not recommended for outdoor applications. Optional handles snap on to filter flange without the use of rivets.





MESH FILTER HANDLES



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POLYESTER MEDIA ROLLS

-  Bulk media rolls
-  Cut custom size media pads
-  Variety of media grades
-  UL Classified



DESCRIPTION

Air Handler's media manufacturing mill has been producing spray-bonded high-loft polyester media for more than 25 years. Although Air Handler maintains smaller inventories of bulk and cut pads, Air Handler has the capacity to ship truckload orders to the destination of choice.

Air Handler's mill is designed for flexible manufacturing. The efficiency of operation enables Air Handler to produce custom styles and sizes with reasonable order minimums.

BENEFITS

The PST Series is a traditional multi-denier media designed for general applications. The non-migrating, light dry tackifier is on the blue downstream side to enhance dust retention. This media is an economical pre-filter to extend the life of your final filters or an adequate filter for less demanding, lower air flow applications.

The OR Series is a premium multi-denier, gradient density media designed for more demanding applications.

The non-migrating, heavy dry tackifier is on the orange downstream side to enhance dust retention. This media is an economical alternative to pleats and panels in systems with low air flow.

APPLICATIONS

Typical uses for both the PST and OR Series include all common HVAC applications such as commercial buildings, public schools, universities and manufacturing operations.

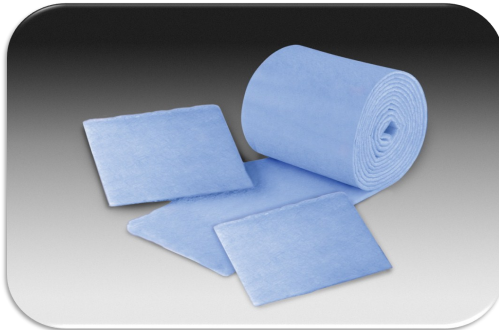


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POLYESTER MEDIA ROLLS

PST SERIES



OR SERIES



VL-05PST

VL-09PST

VL-19PST

VL-OR1

VL-OR2

H	W	D	Grainger #	H	W	D	Grainger #	H	W	D	Grainger #	H	W	D	Grainger #	H	W	D	Grainger #
8"	135'	.5"	2GGA4	8"	90'	1"	2GGE9	8"	45'	2"	2GGJ6	8"	90'	1"	2GJH2	8"	60'	2"	2JRZ4
10"	135'	.5"	2GGA8	10"	90'	1"	2GGF4	10"	45'	2"	2GGK1	10"	90'	1"	2JRT9	10"	60'	2"	2JRZ7
12"	135'	.5"	2GGC3	12"	90'	1"	2GGF8	12"	45'	2"	2GGK5	12"	90'	1"	2JRU4	12"	60'	2"	2JTA1
16"	135'	.5"	4WZ60	16"	90'	1"	4WZ67	16"	45'	2"	6B776	16"	90'	1"	2JRU8	16"	60'	2"	2JTA4
20"	135'	.5"	4WZ61	20"	90'	1"	4WZ68	20"	45'	2"	5C442	20"	90'	1"	2JRV3	20"	60'	2"	2JTC9
24"	135'	.5"	4WZ62	24"	90'	1"	4WZ69	24"	45'	2"	6B772	24"	90'	1"	2JRV7	24"	60'	2"	2JTA7
25"	135'	.5"	4WZ63	25"	90'	1"	4WZ70	25"	45'	2"	5C443	25"	90'	1"	2JRW2	25"	60'	2"	2JTC1
30"	135'	.5"	4WZ64	30"	90'	1"	4WZ71	30"	45'	2"	6B768	30"	90'	1"	2JRW6	30"	60'	2"	2JTC4
36"	135'	.5"	4WZ65	36"	90'	1"	4WZ72	36"	45'	2"	6B765	36"	90'	1"	2JRX1	36"	60'	2"	2JTC7
40"	135'	.5"	2GGC7	40"	90'	1"	2GGG3	40"	45'	2"	2GGL4	40"	90'	1"	2JRX4	40"	60'	2"	2JTD1
48"	135'	.5"	4WZ66	48"	90'	1"	4WZ73	48"	45'	2"	6B762	48"	90'	1"	2JRX7	48"	60'	2"	2JTD3
50"	135'	.5"	2GGD2	50"	90'	1"	2GGG7	50"	45'	2"	2GGL8	50"	90'	1"	2JRY1	50"	60'	2"	2JTD6
60"	135'	.5"	2GGD6	60"	90'	1"	2GGH2	60"	45'	2"	2GGN3	60"	90'	1"	2JRY4	60"	60'	2"	2JTD9
72"	135'	.5"	2GGE1	72"	90'	1"	2GGH6	72"	45'	2"	2GGN7	72"	90'	1"	2JRY7	72"	60'	2"	2JTE3
84"	135'	.5"	2GGE5	84"	90'	1"	2GGJ2	84"	45'	2"	2GGP2	84"	90'	1"	2JRZ1	84"	60'	2"	2JTE6

PERFORMANCE DATA

Media Style	Loft	Oz/Sq Ft	Roll Width	Roll Length	Tackifier	Air Flow (Ft/Min)	Initial Resistance	Final Resistance	Dust Holding	Arrestance	MERV
VL-05PST	1/2"	0.45	Up to 84"	135'	Light Dry Tack	300	0.09"	1.00"	181 G	84%	7
VL-09PST	1"	0.67	Up to 84"	90'	Light Dry Tack	300	0.14"	1.00"	195 G	85%	7
VL-19PST	1 1/2"	1.20	Up to 84"	45'	Light Dry Tack	300	0.15"	1.00"	236 G	87%	8
VL-OR1	1"	1.25	Up to 84"	90'	Heavy Dry Tack	300	0.25"	1.00"	175G	93%	8
VL-OR2	1 1/2"	1.40	Up to 84"	60'	Heavy Dry Tack	300	0.30"	1.00"	180 G	94%	8

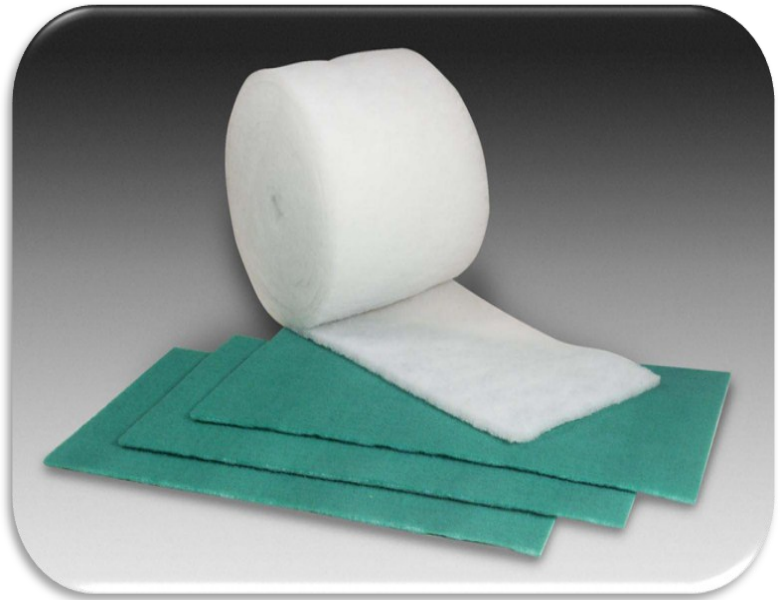


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RIGID POLY MEDIA

- ❖ Heavy duty commercial/ industrial grade media
- ❖ High dust holding (white) and high arrestance (green)
- ❖ Replaces hog's hair and fiberglass throwaways and can be washed or vacuumed
- ❖ Odorless and water resistant
- ❖ Suitable for swamp coolers



DESCRIPTION

The 100D Matrix and Rigid AM media are constructed with 100% polyester fibers that are resilient, water repellent and chemical resistant. The fibers are held together with a durable resin, which allows washing/ vacuuming and re-use if desired. Both styles are rigid enough to be used without a frame in most applications. The 100D Matrix is available in 25" and 30" rolls of 25' in length. The Rigid AM is available in pads of 25" x 48" and 36" x 48". There are 20 pads per case.

BENEFITS

- * Lower resistance reduces energy consumption
- * The 100% polyester fibers are odorless, will not absorb water and eliminate fiberglass and animal hair fibers
- * The rigid media resists sagging in the air stream
- * Multiple sizes from one roll or large pad reduces inventory

APPLICATIONS

- * Rigid Poly is excellent as a cut-to-fit filter for air conditioning units in restaurants, hotels and schools
- * Excellent for use in evaporative coolers
- * Pre-filtration for higher efficiency filters
- * Designed for water or oil mist coalescing
- * Any application requiring a low-resistance filter
- * Cut to size for industrial filtration on equipment cabinets



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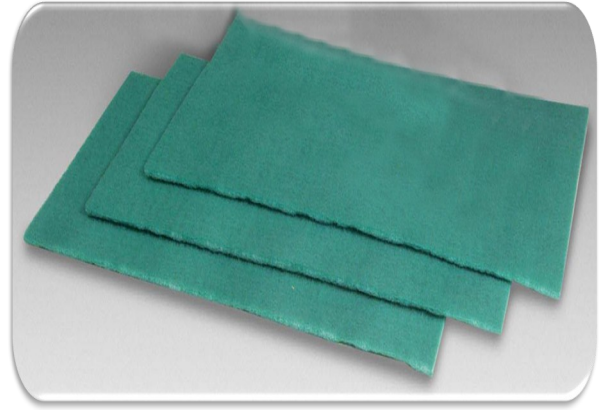
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POLYESTER MEDIA ROLLS

100D MATRIX



RIGID AM



Size	Case Qty	Sq. Ft.	Grainger #
25" x 25'	1	52	2GJC1
30" x 25'	1	63	2GJC5

Size	Case Qty	Sq. Ft.	Grainger #
25" x 48"	20	8	2GFP3
36" x 48"	20	12	2GFP7

PERFORMANCE DATA

Media Style	Fiber	Loft	Reusable	Air Flow (Ft/Min)	Initial Resistance	Final Resistance	Dust Holding	Arrestance	Max Temp	UL 900
100D MATRIX	Polyester	1"	Water Wash	300 fpm	0.05" w.g.	1.00" w.g.	448 g	73%	150° F	UL Classified
100D MATRIX	Polyester	1"	Water Wash	300 fpm	0.05" w.g.	1.00" w.g.	448 g	73%	150° F	UL Classified
RIGID AM	Polyester	3/4"	Vacuum	300 fpm	0.19" w.g.	1.00" w.g.	157 g	87%	150° F	UL Classified
RIGID AM	Polyester	3/4"	Vacuum	300fpm	0.19" w.g.	1.00" w.g.	157 g	87%	150° F	UL Classified



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