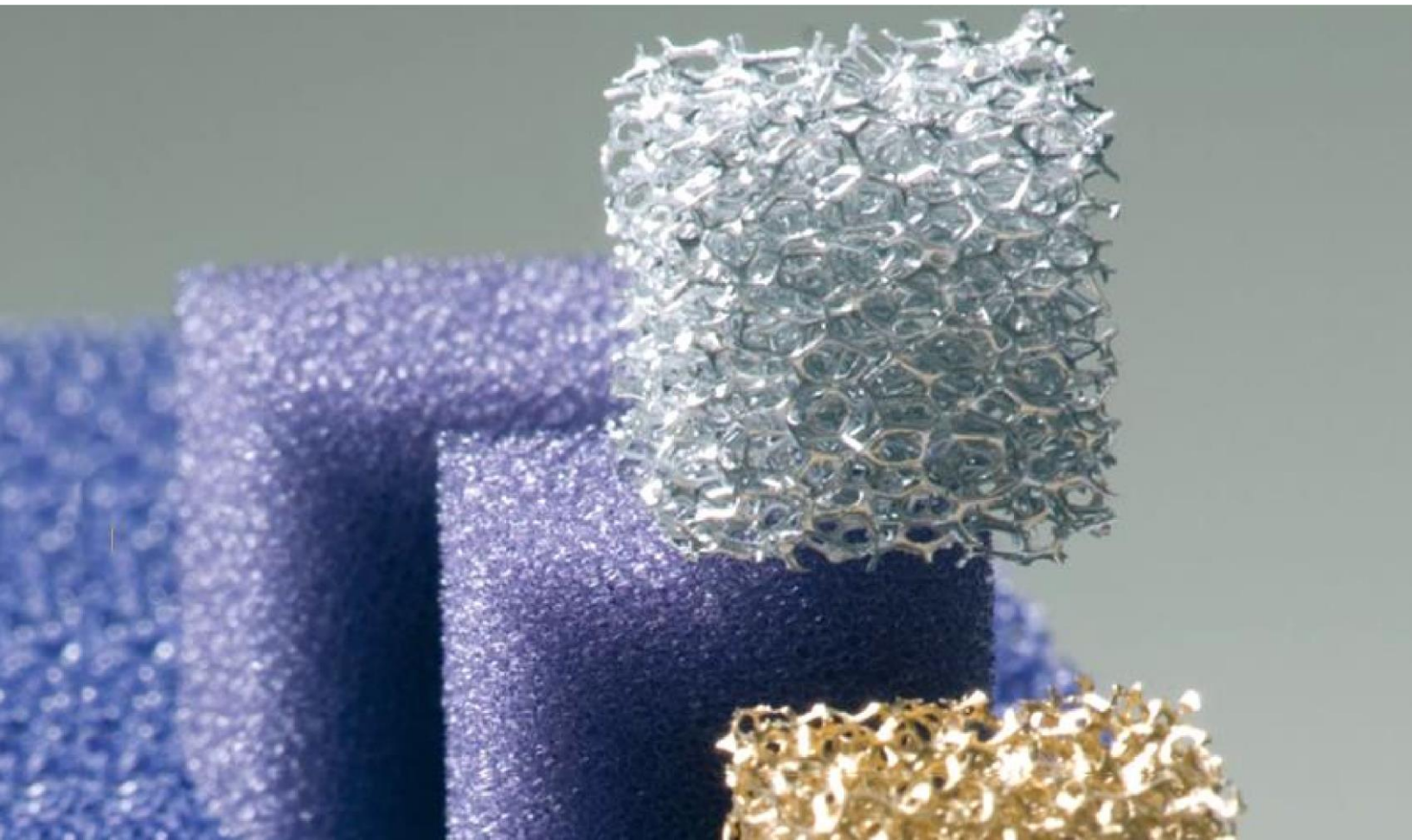




FILTER CATALOG



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DISPOSABLE PREFILTER

Product Description:

- Moisture resistant 100% synthetic media
- Convenient replacement, strong structure, low resistance and high dust holding.



Application: Air Handling Units, Offices, Buildings

Industrial and Clean Room Applications

Technical Specifications

Type	Pleated Media with welded wired support
Media	Synthetic Fiber
Frame	Cardboard/Aluminum/G.I./Stainless
Efficiency	30% ~ 35% and 40% ~ 45%
Class	G3/G4
Max. Temp.	80 °C

Size (L x W x T mm)	Airflow (m ³ /h)	Initial DP (Pa)	Final DP (Pa)	Filtering Area (m ²)	Dust Holding Capacity (g)	Efficiency
592 X 592 X 10	2500	30	100 – 200	0.37	50	G2
592 X 592 X 10	2500	40	100 – 200	0.37	60	G3
592 X 592 X 10	2500	45	150 – 250	0.37	75	G4
592 X 287 X 10	1200	30	100 – 200	0.19	25	G2
592 X 287 X 10	1200	40	100 – 200	0.19	30	G3
592 X 287 X 10	1200	45	150 – 250	0.19	40	G4
490 X 490 X 10	1700	30	100 – 200	0.26	35	G2
490 X 490 X 10	1700	40	100 – 200	0.26	40	G3
490 X 490 X 10	1700	45	150 – 250	0.26	55	G4
592 X 592 X 21	2500	25	100 – 200	0.37	40	G2
592 X 592 X 21	2500	40	100 – 200	0.37	75	G3
592 X 592 X 21	2500	45	150 – 250	0.37	95	G4
592 X 287 X 21	1200	25	100 – 200	0.19	20	G2
592 X 287 X 21	1200	40	100 – 200	0.19	40	G3
592 X 287 X 21	1200	45	150 – 250	0.19	50	G4
490 X 490 X 21	1700	25	100 – 200	0.26	35	G2
490 X 490 X 21	1700	40	100 – 200	0.26	50	G3
490 X 490 X 21	1700	45	150 – 250	0.26	65	G4

*Non-standard sizes are also available.

PRIMARY WASHABLE FILTER

Product Description: Washable primary filter for low efficiency filtration

Application: Air Handling Units, Offices, Buildings, Industrial and Clean Room Applications



Technical Specifications

Type	Panel/Pleated
Media	Synthetic Fiber
Frame	G.I./Aluminum/Stainless Steel
Efficiency	30% ~ 35% and 40% ~ 45%
Class	G3/G4
Max. Temp.	90 °C

Size (L x W x T mm)	Airflow (m ³ /h)	Initial DP (Pa)	Final DP (Pa)	Filtering Area (m ²)	Dust Holding Capacity (g)	Efficiency
592 X 592 X 10	2500	30	100 – 200	0.37	50	G2
592 X 592 X 10	2500	40	100 – 200	0.37	60	G3
592 X 592 X 10	2500	45	150 – 250	0.37	75	G4
592 X 287 X 10	1200	30	100 – 200	0.19	25	G2
592 X 287 X 10	1200	40	100 – 200	0.19	30	G3
592 X 287 X 10	1200	45	150 – 250	0.19	40	G4
490 X 490 X 10	1700	30	100 – 200	0.26	35	G2
490 X 490 X 10	1700	40	100 – 200	0.26	40	G3
490 X 490 X 10	1700	45	150 – 250	0.26	55	G4
592 X 592 X 21	2500	25	100 – 200	0.37	40	G2
592 X 592 X 21	2500	40	100 – 200	0.37	75	G3
592 X 592 X 21	2500	45	150 – 250	0.37	95	G4
592 X 287 X 21	1200	25	100 – 200	0.19	20	G2
592 X 287 X 21	1200	40	100 – 200	0.19	40	G3
592 X 287 X 21	1200	45	150 – 250	0.19	50	G4
490 X 490 X 21	1700	25	100 – 200	0.26	35	G2
490 X 490 X 21	1700	40	100 – 200	0.26	50	G3
490 X 490 X 21	1700	45	150 – 250	0.26	65	G4

SARA NET FILTER

Product Description: low resistance, can be cleared repeatedly, long lifespan and cheap cost.



Application: Air Handling Units, Air Conditioning Units, Special Acid and Alkali ventilation filters.

Technical Specifications

Type	Panel
Media	Black nylon nets
Frame	Aluminum/G.I./Stainless steel/Rod Support
Optional aluminum	10 ~ 46mm
Max. Temp.	80 °C

Size (L x W x T mm)	Airflow (m ³ /h)	Initial DP (Pa)	Filtering Area (m ²)
592 X 592 X 10	3200	20	0.70
592 X 287 X 10	1560	20	0.34
592 X 490 X 10	2650	20	0.58
592 X 592 X 21	3200	20	0.70
592 X 287 X 21	1560	20	0.34
592 X 490 X 21	2650	20	0.58
295 X 295 X 10	799	20	0.17
495 X 295 X 10	1341	20	0.29
495 X 495 X 10	2249	20	0.49
595 X 295 X 10	1611	20	0.35
560 X 515 X 10	2648	20	0.58
295 X 295 X 21	799	20	0.17
495 X 295 X 21	1341	20	0.29
595 X 495 X 8	2704	20	0.59
595 X 595 X 8	3250	20	0.71

SYNTHETIC POCKET FILTER

Product Description: Selection of optimized V-shaped bag structure; low resistance; long lifespan; superfine synthetic fiber; large dust holding capacity.

Application: Air handling units and general ventilation systems.



Technical Specifications

Type	Pocket type: Ultrasonic bag
Media	Synthetic Fiber
Frame	Aluminum/G.I./stainless steel/plastic
Efficiency	45% ~ 95% @ 0.5 microns
Class	F5 – F9
Max. Temp.	80 °C
Optional aluminum depth	17 ~ 50 mm
Optional plastic frame	21 mm

Size (L x W x T mm)	Pockets	Airflow (m³/h)	Initial DP (Pa)	Final DP (Pa)	Filtering Area (m²)	Dust Holding Capacity (g)	Efficiency
287 X 592 X 500	3	1400	50	250 – 300	2.10	377	F5
287 X 592 X 500	3	1400	65	250 – 300	2.10	335	F6
287 X 592 X 500	3	1400	80	300 – 400	2.10	293	F7
287 X 592 X 500	3	1400	105	300 – 400	2.10	251	F8
287 X 592 X 500	3	1400	120	400 – 450	2.10	230	F9
592 X 592 X 500	3	1550	50	250 – 300	2.40	431	F5
592 X 592 X 500	3	1550	65	250 – 300	2.40	383	F6
592 X 592 X 500	3	1550	80	300 – 400	2.40	335	F7
592 X 592 X 500	3	1550	105	300 – 400	2.40	287	F8
592 X 592 X 500	3	1550	120	400 – 450	2.40	263	F9
592 X 592 X 500	5	2330	50	250 – 300	3.60	647	F5
592 X 592 X 500	5	2330	65	250 – 300	3.60	575	F6
592 X 592 X 500	5	2330	80	300 – 400	3.60	503	F7
592 X 592 X 500	5	2330	105	300 – 400	3.60	431	F8
592 X 592 X 500	5	2330	120	400 – 450	3.60	395	F9
592 X 592 X 500	6	2700	50	250 – 300	4.20	755	F5
592 X 592 X 500	6	2700	65	2500 – 300	4.20	671	F6
592 X 592 X 500	6	2700	80	300 – 400	4.20	587	F7
592 X 592 X 500	6	2700	105	300 – 400	4.20	503	F8
592 X 592 X 500	6	2700	120	400 – 450	4.20	461	F9
592 X 592 X 500	8	3500	50	250 – 300	5.40	971	F5
592 X 592 X 500	8	3500	65	250 – 300	5.40	863	F6
592 X 592 X 500	8	3500	80	300 – 400	5.40	755	F7
592 X 592 X 500	8	3500	105	300 – 400	5.40	647	F8
592 X 592 X 500	8	3500	120	400 – 450	5.40	593	F9
592 X 592 X 500	10	4270	50	250 – 300	6.60	1187	F5
592 X 592 X 500	10	4270	65	250 – 300	6.60	1055	F6
592 X 592 X 500	10	4270	80	300 – 400	6.60	923	F7
592 X 592 X 500	10	4270	105	300 – 400	6.60	791	F8
592 X 592 X 500	10	4270	120	400 – 450	6.60	725	F9

SECONDARY RIGID BOX FILTER

Product Description: Box-type structure, large air volume, solid architecture, large dust holding capacity

Application: Machinery, electronics, instrumentation, food industry and general air conditioning.



Technical Specifications

Type	Pleated
Media	Synthetic Fiber/Fiber Glass
Frame	G.I./Aluminum/Stainless Steel
Efficiency	45% ~ 95% @ 0.5 microns
Max. Temp.	80 °C
Optional	Single/Double Header Gasket

Size (L x W x T mm)	Airflow (m ³ /h)	Initial DP (Pa)	Final DP (Pa)	Filtering Area (m ²)	Dust Holding Capacity (g)	Efficiency
592 X 592 X 292	2890	50	250 – 300	4.46	803	F5
592 X 592 X 292	2890	65	250 – 300	4.46	714	F6
592 X 592 X 292	2890	80	300 – 400	4.46	625	F7
592 X 592 X 292	2890	105	300 – 400	4.46	536	F8
592 X 592 X 292	2890	120	400 – 450	4.46	491	F9
287 X 592 X 292	1550	50	250 – 300	2.40	433	F5
287 X 592 X 292	1550	65	250 – 300	2.40	385	F6
287 X 592 X 292	1550	80	300 – 400	2.40	336	F7
287 X 592 X 292	1550	105	300 – 400	2.40	288	F8
287 X 592 X 292	1550	120	400 – 450	2.40	264	F9
490 X 592 X 292	2440	50	250 – 300	3.78	680	F5
490 X 592 X 292	2440	65	250 – 300	3.78	604	F6
490 X 592 X 292	2440	80	300 – 400	3.78	529	F7
490 X 592 X 292	2440	105	300 – 400	3.78	453	F8
490 X 592 X 292	2440	120	400 – 450	3.78	415	F9

SECONDARY ALUMINUM SEPARATOR FILTER

Product Description: Box-type structure, large dust capacity and maximize to use media.

Application: Air conditioning units and integrated air supply system



Technical Specifications

Type	Pleated
Media	Micron polypropylene, Glass fiber
Frame	Aluminum/Galvanized/Stainless Steel/Wooden
Separator	0.035mm aluminum foil
Efficiency	65% ~ 95% @ 0.5 microns
Class	G4
Max. Temp.	80 °C
Optional	Single/Double Header Gasket, FaceGuard

Size (L x W x T mm)	Airflow (m ³ /h)	Initial DP (Pa)	Final DP (Pa)	Filtering Area (m ²)	Dust Holding Capacity (g)	Efficiency
320 X 320 X 292	900	60	250 – 300	5.68	341	F6
320 X 320 X 292	900	80	300 – 400	5.68	341	F7
320 X 320 X 292	900	100	300 – 400	5.68	341	F8
320 X 320 X 292	900	120	400 – 450	5.68	341	F9
484 X 484 X 292	2060	60	250 – 300	13.18	791	F6
484 X 484 X 292	2060	80	300 – 400	13.18	791	F7
484 X 484 X 292	2060	100	300 – 400	13.18	791	F8
484 X 484 X 292	2060	120	400 – 450	13.18	791	F9
610 X 610 X 292	3300	60	250 – 300	21.04	1262	F6
610 X 610 X 292	3300	80	300 – 400	21.04	1262	F7
610 X 610 X 292	3300	100	300 – 400	21.04	1262	F8
610 X 610 X 292	3300	120	400 – 450	21.04	1262	F9
915 X 610 X 292	4942	60	250 – 300	13.56	1893	F6
915 X 610 X 292	4942	80	300 – 400	13.56	1893	F7
915 X 610 X 292	4942	100	300 – 400	13.56	1893	F8
915 X 610 X 292	4942	120	400 – 450	13.56	1893	F9
1220 X 610 X 292	6590	60	250 – 300	42.08	2525	F6
1220 X 610 X 292	6590	80	300 – 400	42.08	2525	F7
1220 X 610 X 292	6590	100	300 – 400	42.08	2525	F8
1220 X 610 X 692	6590	120	400 – 450	42.08	2525	F9

SECONDARY MINIPLEAT FILTER

Product Description: Small volume, light weight, easy to install, stable efficiency, uniform wind speed.

Application: Central air conditioning and integrated air supply system.



Technical Specifications

Type	Pleated
Media	Domestic/import High-humidity resistance Glass fiber
Frame	Aluminum/Galvanized/Stainless steel/plastic
Face guard	Spray diamond mesh
Efficiency	65% ~ 95% @ 0.5 micron
Class	G4
Optional	Faceguard, Gasket

Size (L x W x T mm)	Airflow (m ³ /h)	Initial DP (Pa)	Final DP (Pa)	Filtering Area (m ²)	Dust Holding Capacity (g)	Efficiency
320 X 320 X 96	660	60	250 – 300	4.52	271	F6
320 X 320 X 96	660	80	300 – 400	4.52	271	F7
320 X 320 X 96	660	100	300 – 400	4.52	271	F8
320 X 320 X 96	660	120	400 – 450	4.52	271	F9
484 X 484 X 96	1500	60	250 – 300	10.24	614	F6
484 X 484 X 96	1500	80	300 – 400	10.24	614	F7
484 X 484 X 96	1500	100	300 – 400	10.24	614	F8
484 X 484 X 96	1500	120	400 – 450	10.24	614	F9
610 X 610 X 96	2360	60	250 – 300	16.20	972	F6
610 X 610 X 96	2360	80	300 – 400	16.20	972	F7
610 X 610 X 96	2360	100	300 – 400	16.20	972	F8
610 X 610 X 96	2360	120	400 – 450	16.20	972	F9
915 X 610 X 96	3500	60	250 – 300	24.04	1443	F6
915 X 610 X 96	3500	80	300 – 400	24.04	1443	F7
915 X 610 X 96	3500	100	300 – 400	24.04	1443	F8
915 X 610 X 96	3500	120	400 – 450	24.04	1443	F9
1220 X 610 X 96	4650	60	250 – 300	31.89	1913	F6
1220 X 610 X 96	4650	80	300 – 400	31.89	1913	F7
1220 X 610 X 96	4650	100	300 – 400	31.89	1913	F8
1220 X 610 X 96	4650	120	400 – 450	31.89	1913	F9

SECONDARY V-BANK FILTER

Product Description: Large filtration area, and large airflow capacity and large dust holding capacity.

Application: Air Handling Units, Offices, Buildings, Industrial and Clean Room Applications



Technical Specifications

Type	3 to 6 banks
Media	Domestic/import High-humidity resistance Glass fiber
Frame	Galvanized frame/Aluminum/Plastic
Separator	Hot melt bead
Efficiency	65% ~ 95% @ 0.5 microns
Max. Temp.	70 °C
Optional	Single/Double header/Box type Gasket

Size (L x W x T mm)	Packs	Airflow (m ³ /h)	Initial DP (Pa)	Final DP (Pa)	Filtering Area (m ²)	Dust Holding Capacity (g)	Efficiency
592 X 592 X 292	3	2660	120	300 – 400	16.43	986	F7
592 X 592 X 292	4	3550	120	300 – 400	21.91	1315	F7
610 X 610 X 292	5	4570	120	300 – 400	28.20	1692	F7
592 X 592 X 292	3	2660	150	300 – 400	16.43	986	F8
592 X 592 X 292	4	3550	150	300 – 400	21.91	1315	F8
610 X 610 X 292	5	4570	150	300 – 400	28.2	1692	F8
592 X 592 X 292	3	2660	180	400 – 450	16.43	986	F9
592 X 592 X 292	4	3550	180	400 – 450	21.91	1315	F9
610 X 610 X 292	5	4570	180	400 – 450	28.20	1692	F9
287 X 287 X 292	2	880	120	300 – 400	5.45	327	F7
610 X 305 X 292	5	2340	120	300 – 400	14.44	866	F7
592 X 287 X 292	4	1760	120	300 – 400	10.90	654	F7
287 X 592 X 292	3	2660	150	300 – 400	16.43	986	F8
305 X 610 X 292	3	2740	150	300 – 400	16.92	1015	F8
484 X 484 X 292	4	2900	180	400 – 450	18.01	1081	F9
592 X 287 X 292	4	1760	180	400 – 450	10.90	654	F9

HEPA ALUMINUM SEPARATOR FILTER

Product Description: Uses Pleated Aluminum partition to maintain even pleat spacing. Available in standard or compact type (high capacity)

Application: Purifying air conditioning system, local purification equipment, clean room and industrial applications



Technical Specifications

Type	Pleated with Aluminum Separator
Media	Glass fiber
Frame	Aluminum/galvanized/stainless steel/Particle board
Separator	120 g/m ³ paper or 0.035mm aluminum foil
Efficiency	99.99% ~ 99.995% @ 0.3 microns
Max. Temp.	80 °C
Optional	Faceguard, Gasket

Size (L x W x T mm)	Airflow (m ³ /h)	Initial DP (Pa)	Final DP (Pa)	Filtering Area (m ²)	Dust Holding Capacity (g)	Efficiency
484 X 484 X 120	390	220	400 – 600	4.4	230	H13 ~ H14
610 X 610 X 120	620	220	400 – 600	7.1	370	H13 ~ H14
915 X 610 X 120	930	220	400 – 600	10.6	560	H13 ~ H14
1220 X 610 X 120	1500	220	400 – 600	14.1	740	H13 ~ H14
484 X 484 X 150	530	220	400 – 600	6.0	320	H13 ~ H14
610 X 610 X 150	1000	220	400 – 600	9.7	510	H13 ~ H14
915 X 610 X 150	1500	220	400 – 600	14.5	770	H13 ~ H14
1220 X 610 X 150	2000	220	400 – 600	19.3	1020	H13 ~ H14
484 X 484 X 220	1000	220	400 – 600	9.8	600	H13 ~ H14
610 X 610 X 220	1600	220	400 – 600	15.8	920	H13 ~ H14
915 X 610 X 220	2300	220	400 – 600	23.7	1340	H13 ~ H14
1220 X 610 X 220	3000	220	400 - 600	31.6	1750	H13 ~ H14

HEPA MINIPLEAT FILTER

Product Description: Maximizes filter surface area, maintains even air flow with high air purity.

Application: often used for clean rooms, fan filter units, hospitals, etc.



Technical Specifications

Type	Pleated
Media	Glass Fiber
Frame	Aluminum/Galvanized/Stainless Steel/plastic
Separator	Hot melt bead
Efficiency	99.99% ~ 99.9995% @ 0.3 microns
Max. Temp.	70 °C
Optional	Faceguard, Gasket

Size (L x W x T mm)	Airflow (m ³ /h)	Initial DP (Pa)	Final DP (Pa)	Filtering Area (m ²)	Dust Holding Capacity (g)	Efficiency
305 X 305 X 50	200	200	400 – 600	1.8	100	H13 ~ H14
484 X 484 X 50	500	200	400 – 600	4.6	300	H13 ~ H14
610 X 610 X 50	800	200	400 – 600	7.5	450	H13 ~ H14
915 X 610 X 50	1200	200	400 – 600	11.2	700	H13 ~ H14
1220 X 610 X 50	1600	200	400 – 600	14.9	900	H13 ~ H14
305 X 305 X 69	260	200	400 – 600	2.5	150	H13 ~ H14
484 X 484 X 69	700	200	400 – 600	6.6	400	H13 ~ H14
610 X 610 X 69	1000	200	400 – 600	10.7	650	H13 ~ H14
915 X 610 X 69	1500	200	400 – 600	16.0	950	H13 ~ H14
1220 X 610 X 69	2100	200	400 – 600	21.3	1000	H13 ~ H14
610 X 610 X 90	1500	200	400 – 600	14.9	900	H13 ~ H14
915 X 610 X 90	2000	200	400 – 600	22.3	1200	H13 ~ H14
1220 X 610 X 90	2800	200	400 – 600	29.8	1800	H13 ~ H14

V-BANK HEPA FILTER

Product Description: High efficiency filter that can capture particles about 99.99% @ 0.3 μm and has airflow that can reach 4200m³/h.

Application: Aviation, electronic, semiconductor, wafer, Biological pharmaceutical, hospital, food processing, etc.



Technical Specifications

Type	3-6 banks
Media	Glass Fiber
Frame	Aluminum/Stainless/G.I./Plastic
Efficiency	99.99-99.995% @ 0.3 μm
Class	H13-H14
Max. Temp.	70°C

Size (L x W x T mm)	Airflow (m ³ /h)	Initial DP (Pa)	Final DP (Pa)	Filtering Area (m ²)	Dust Holding Capacity (g)
285x285x292	600	350	400-600	5.42	325
592x592x292	1770	350	400-600	16.43	986
592x592x292	2400	350	400-600	21.91	1315
610x610x292	3200	350	400-600	28.2	1692
915x610x292	4000	350	400-600	33.84	2031
484x484x292	1460	350	400-600	13.51	811
610x305x292	1500	350	400-600	14.44	866
305x610x292	1800	350	400-600	16.92	1015
630x630x292	3100	350	400-600	29.11	1746
600x600x292	3000	350	400-600	27.75	1665
570x570x292	2300	350	400-600	21.12	1267
320x320x292	1000	350	400-600	9.07	544
515x515x292	2100	350	400-600	19.13	1148
610x484x292	2450	350	400-600	22.52	1351
490x592x292	2350	350	400-600	21.91	1315
592x490x292	1950	350	400-600	18.23	1094

PORET FILTER(EMW FILTERTECHNIK)

Product Description: Poret filter foam is a high quality open cell foam that removes debris with high chemical stability and long life.



Applications: Air filtration, mist eliminators, pond and Aquarium filters, air humidifier matting, water distribution, etc.

Technical Specification

Air filtration
Contain no plasticizers
High ozone and oxygen resistance
Temperature resistant up to 90°C
CFC-free foaming process
Recyclable
Easy disposal by Thermal Recycling

PORET CARBON FILTER

Product Description: Poret Carbon Filter is impregnated with highly active carbon powder, granules or pellets. Approx. 80-100 grams of activated carbon are impregnated per millimeter of material thickness and m² of foam, providing a specific surface area of 900-1300 m²/g.



Applications: Heating, ventilation, air Conditioning (HVAC), Laboratories, dust/fume removal hoods at workplaces and Odor absorbers.

PP MICRON BAG

Product Description: Provides outstanding performance for applications requiring higher filtration efficiency.

Application: Food, Beverage, Water and Chemical Applications.



Technical Specifications

PP5

Model Number	PP5	
Composition	Fiber	100% PP Virgin Fiber
	Scrim	Self-supported
Weight (g/m ²)	450	
Thickness (mm)	2.6	
Density (g/cm ³)	0.17	
Air Permeability (L/dm ² .min)	25-36m ³ /m ² .min @ 200pa	
Pore Volume (%)	86	
Tensile Strength (N/5x20cm)	Warp	>600
	Weft	>1000
Elongation At break (%)	Warp	<60
	Weft	<60
Temp. Resistance (°C)	Continuous: <90; peak: 95.	
Surface Design/treatment	Singed and glazed face side	

PP10

Model Number	PP10	
Composition	Fiber	100% PP Virgin Fiber
	Scrim	Self-supported
Weight (g/m ²)	370	
Thickness (mm)	2.2	
Density (g/cm ³)	0.17	
Air Permeability (L/dm ² .min)	50-70m ³ /m ² .min @ 200pa	
Pore Volume (%)	86	
Tensile Strength (N/5x20cm)	Warp	>500
	Weft	>800
Elongation At break (%)	Warp	<80
	Weft	<80
Temp. Resistance (°C)	Continuous: <90; peak: 95.	
Surface Design/treatment	Singed face side	

PP25

Model Number	PP25	
Composition	Fiber	100% PP Virgin Fiber
	Scrim	Self-supported
Weight (g/m ²)	360	
Thickness (mm)	2.3	
Density (g/cm ³)	0.16	
Air Permeability (L/dm ² .min)	60-90m ³ /m ² .min @ 200pa	
Pore Volume (%)	86	
Tensile Strength (N/5x20cm)	Warp	> 500
	Weft	> 800
Elongation At break (%)	Warp	<85
	Weft	<85
Temp. Resistance (°C)	Continuous: <90; peak: 95.	
Surface Design/treatment	Singed face side	

PP50

Model Number	PP50	
Composition	Fiber	100% PP Virgin Fiber
	Scrim	Self-supported
Weight (g/m ²)	380	
Thickness (mm)	2.3	
Density (g/cm ³)	0.17	
Air Permeability (L/dm ² .min)	85-110m ³ /m ² .min @ 200pa	
Pore Volume (%)	86	
Tensile Strength (N/5x20cm)	Warp	> 500
	Weft	> 600
Elongation At break (%)	Warp	<85
	Weft	<85
Temp. Resistance (°C)	Continuous: <90; peak: 95.	
Surface Design/treatment	Singed face side	

FAN FILTER UNIT

Product Description: Used to supply purified air to cleanrooms or microenvironments by filtering out harmful airborne particles from recirculating air with 99.99% efficiency @ 0.3 µm.



Application: Individual workplaces, Cleanroom ceilings.

Technical Specifications

Filter	Mini-pleat/Disposable Prefilter and HEPA filter cartridge
Frame	Aluminum Frame/Stainless Steel
Efficiency	99.99% @ 0.3 µm
Size	24"x48"x11½"

Fan Motor

Motor:	EBM Motors (Made in Germany)
Input Power:	120W
Average Face Velocity:	900cfm
Electrical Requirement:	220V/60Hz/1ph
Blower Type:	Backward Inclined Blower
Max. Air Volume:	2365m ³ /h
Max. Pressure:	300 Pa

FILTER BOX

Product Description: Box-type structure, rugged construction With large dust capacity and high flow rate and efficiency. Standing flanges provided to mate housing to other housing or ductwork. Weatherproof housing without modification. Housing will be provided with pin-hinged removable Access doors for service from either side of the housing. Also, absolute filter housing will be all-welded construction Of 14-gauge galvanized steel.



Application: Machinery, Electronics, Precision Instruments, Food Industry and General Air Conditioning and Ventilation Systems intermediate filtration.

Technical Specifications

Frame	Aluminum/G.I./Stainless
Size	Customizable

ACTIVATED CARBON FILTER

Product Description: Good Deodorization effect that has >70% odor remove rate and long service life.

Applications: Airports, subways, cars, electronics factories, Nuclear power plants, household and central Air conditioning, hospitals, sewage treatment.



Technical Specifications

Type	Panel/Pleated
Media	Activated Carbon Filter
Frame	Aluminum/Stainless Steel/G.I.
Efficiency	>70%
Class	G2
Max. Temp.	80°C

Size (L x W x T mm)	Airflow (m ³ /h)	Initial DP (Pa)	Filtering Area (m ²)	Odor Removal Rate (>)
592x592x21	1150	40	0.90	70%
287x592x21	550	40	0.47	70%
490x592x21	970	40	0.77	70%
592x592x46	1200	40	0.97	70%
287x592x46	650	40	0.52	70%
490x592x46	1080	40	0.86	70%
495x295x21	504	40	0.4	70%
610x610x46	1339	40	1.06	70%
495x495x21	840	40	0.67	70%
295x295x46	327	40	0.26	70%
495x295x46	544	40	0.43	70%
495x495x46	907	40	0.72	70%
595x295x46	653	40	0.52	70%
595x495x46	1089	40	0.86	70%
295x295x10	235	40	0.1	70%
495x295x10	394	40	0.16	70%
495x495x10	662	40	0.27	70%

CEILING FILTER

Product Description: High-level Ceiling Filter for paint-spray systems
Filter mat could also be used for fine filtration in all kinds of
Ventilation systems and units.

Applications: Widely used in spray booths



Technical Specifications

Type	Dry/Sticky
Media	Fiber Glass
Efficiency	50%
Class	F5
Max. Temp.	100°C

Weight (g/m ²)	600
Thickness (mm)	22
Relative Humidity	100%
Arrestance	97.1%
Nominal Media Velocity (m/s)	0.25
Initial Pressure Loss Pa(mmHg)	35 (3.5)
Recommended Final Pressure Loss Pa(mmHg)	400 (40)
Dust holding capacity g/m ²	317

HEPA CEILING FILTER

Product Description: HEPA filter media provides high purity air with extremely low turbulences in the air flow. High quality, wet layed glass fiber media is used for these filters.



Applications: Clean rooms, Laboratories, Clean room work benches, Air intake at work stations.

Technical Specifications

Type	Terminal HEPA Filter (Ceiling Module)
Media	Fiber Glass
Frame	Aluminum/G.I./Stainless Steel
Efficiency	99.97-99.995%
Class	H10-H14
Max. Temp.	80°C

Type	Dimension (mm)	Air Flow (m ³ /h)	Pressure Loss (Pa)				
			H10	H11	H12	H13	H14
RS 66	305X305	150	50	80	120	135	158
RS 66	305X610	300	50	80	120	135	158
RS 66	305X762	375	50	80	120	135	158
RS 66	305X915	450	50	80	120	135	158
RS 66	610X610	600	50	80	120	135	158
RS 66	610X762	750	50	80	120	135	158
RS 66	610X915	900	50	80	120	135	158
RS 66	610X1220	1200	50	80	120	135	158
RS 66	610X1525	1500	50	80	120	135	158
RS 66	610X1830	1800	50	80	120	135	158
RS 66	762X762	940	50	80	120	135	158
RS 66	762X915	1120	50	80	120	135	158
RS 66	762X1220	1500	50	80	120	135	158
RS 66	762X1525	1850	50	80	120	135	158
RS 66	762X1830	2250	50	80	120	135	158
RS 66	915X915	1330	50	80	120	135	158
RS 66	915X1220	1800	50	80	120	135	158
RS 66	915X1525	2250	50	80	120	135	158
RS 66	915X1830	2700	50	80	120	135	158

AUTO ROLL FILTER

Product Description: Designed to replace the original equipment filter.

Applications: Ventilation system of spray booths, primary filtration in air conditioning systems.



Technical Specification

Application	Ventilation system of spray booths, primary filtration in air conditioning systems
Material	Glass Fiber or Synthetic
Type	Rigid backing (for high air volume), non-rigid backing (can be cut)
Uses	1. Glass Fiber Auto Roll Media: Major automatic roll filter. 2. Synthetic Fiber Auto Roll Media: Major automatic roll filter units utilizing synthetic fiber
Thickness	1", 2"
Average Efficiency	97% (weight method)
Max. Temp.	100°C
Air Velocity	0.25m/s
Dust Holding Capacity	310g/m
Final Pressure Drop	450 Pa
Inflammability	DIN53438-1/K-1
Initial Pressure Drop	35 Pa

OVEN FILTER

Product Description: The product is made of glass fibers in Different diameters and fitted in meshed aluminum sheet frame. It has advantages of high temperature resistance, high efficiency, Low resistance and ease of installation.



Applications: Used for automobile and household appliance coating And various hot air ovens, coating equipment and air conditioning Systems where air cleaning is needed. Intake and circulating Air filtration spray booths and car painting line.

Technical Specification

Grade and Thickness	40mm	80mm
Rated Airflow	950m ³ /h	900m ³ /h
Initial Resistance	90Pa	120Pa
Final Resistance	250Pa	250Pa
Filter Class	G4	F5
The Max. Size	500*500mm	500*500mm
Temp. Resistance	300°C	300°C

SHW FILTER

Product Description: Heat Resistant, High Airflow, Low Resistance

Applications: Electronics, Military Aerospace Coating Area, High-Temperature Oven



Technical Specification

Rated Airflow	900m ³ /h
Ave. Arrestance	86%
Working Temp.	250°C
Initial Pressure Drop	40 Pa
Final Pressure Drop	180 Pa