

Discover the revolutionary technology behind Greentech's MERV 11A filters—an ingenious combination of advanced nanofiber engineering and our exclusive ODOGard treatment. This groundbreaking synergy achieves the perfect harmony between mechanical and electrostatic filtration, setting our filters apart in the competitive landscape.

Greentech's MERV 11A filters don't just stop at particle capture; they address indoor air quality challenges comprehensively. These filters effectively capture and eliminate Volatile Organic Compounds (VOCs) and odors at a molecular level, ensuring a pristine and healthier indoor environment. Experience the holistic approach to filtration with Greentech.

★★ Advanced Filtration

Greentech MERV 11A Filters | ODOGard + Nanofiber

Filter Construction

- Greentech filter media is bonded to a recyclable metal structural support to provide pleat uniformity and rigidity as well as being sealed to the entire internal perimeter of the filter frame with a non-toxic adhesive.

Nanofiber

- Greentech Filters feature innovative nanofiber technology, increasing the surface area of the filter material to capture more ultrafine dust and particles than other filters. Nanofiber filters have low air resistance, allowing more airflow and less energy consumption compared to traditional filters.

ODOGard®

- Our advanced technology, forms bonds with contaminants, inducing molecular changes that render them inert. This means that particulates as small as 0.3 microns, including pollen, allergens, mold, dust, pet dander, bacteria, and virus carriers, are not only trapped but eliminated at a molecular level.

Sustainability

- Every one 24x24x2 filter replaced with a Greentech Filter reduces up to the equivalent of 8+ (16.9oz) plastic bottles in landfills, compared to traditional synthetic high-capacity filters.

Efficiency

- Our true mechanical filters are more efficient because of a lower pressure drop commonly associated with equivalent MERV rated electrostatic filters or lower MERV rated mechanical filters.

Custom Sizing

- Greentech will work with you to create custom sizes to fit every filter need you may have. Contact us to discuss options.

Applications

- Greentech filters have a wide array of uses, from heavy industrial settings to busy commercial businesses to your home. Our filters provide a strong and efficient solution for indoor air purification.



Frame Graphics May Vary

Quick Facts

Better for the environment, our high capacity filters use 50% less synthetic materials than other pleated filters.

Designed to replace MERV 6, 8, 10, and 11 mechanical & electrostatic filters without creating issues your equipment.

Dependant on your application, our filters can perform for up to 120 days.

ODOGard creates a molecular bond with odors transforming them into inert, biodegradable elements.

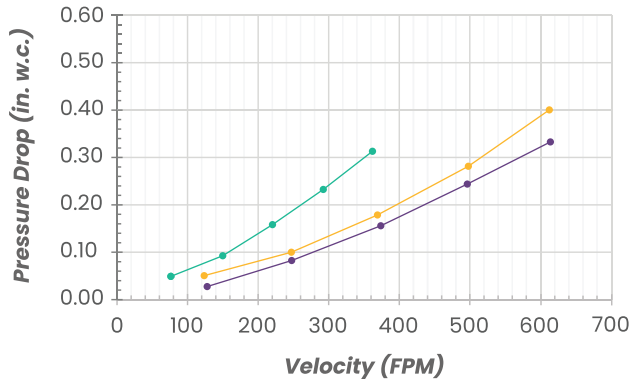
Nanofibers – Thinly spun for ultrafine filtration. (400x thinner than a human hair)



Made in the U.S.A.



Pressure Drop vs. Flow Rate



Flow Rate (CFM)	Velocity (FPM)	Pressure Drop
295	74	0.05
590	148	0.10
885	221	0.16
1180	295	0.23
1,475	369	0.31

Flow Rate (CFM)	Velocity (FPM)	Pressure Drop
492	123	0.05
984	246	0.09
1,476	369	0.16
1,968	492	0.25
2,460	615	0.34

Flow Rate (CFM)	Velocity (FPM)	Pressure Drop
492	123	0.05
984	246	0.10
1,476	369	0.18
1,968	492	0.28
2,460	615	0.40

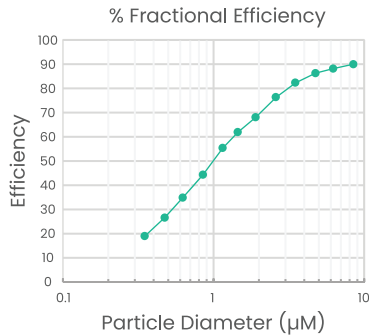
ASHRAE 52.2 Test Data

Filter Size:
24" x 24" x 2"

Test Aerosol:
KCI, Neutralized

Flow Rate:
1,968 CFM

Velocity:
492 FPM



Size Range (µm)	Initial Fractional Efficiency		
	MERV 11		Avg.
0.30 - 0.40	19.0%	E ¹	31.2
0.40 - 0.55	26.7%		
0.55 - 0.70	34.9%		
0.70 - 1.00	44.3%		
1.00 - 1.30	55.3%	E ²	65.4
1.30 - 1.60	61.9%		
1.60 - 2.20	68.0%		
2.20 - 3.00	76.3%		
3.00 - 4.00	82.3%	E ³	86.7
4.00 - 5.00	86.3%		
5.50 - 7.00	88.2%		
7.00 - 10.00	90.0%		

Filter	Pleats/ Ft	Rated Initial Resistance			Recommended Final Resistance	ASHRAE 52.2		Continuous Operating Temp.
		221 FPM	295 FPM	369 FPM		MERV	App. J	
1" Filters (HC)	18	0.16" w.c.	0.23" w.c.	0.31" w.c.	1.0" w.g.	11	11A	180° F
		39.85 pa	57.29 pa	77.22 pa	249.1 pa			82.2° C

Model	Nominal Size	Actual Size (Imperial)	Rated Airflow (CFM)			Nom. Area (ft ²)	Gross Area (ft ²)
			221 FPM	295 FPM	369 FPM		
bx6604	8" x 20" x 1"	7-1/2" x 19-1/2" x 3/4"	246	328	410	111	2.65
bx6605	8" x 26" x 1"	7-1/2" x 25-1/2" x 3/4"	319	426	533	144	3.45
bx6606	10" x 10" x 1"	9-1/2" x 9-1/2" x 3/4"	153	205	256	0.69	1.66
bx7249	10" x 16" x 1"	9-1/2" x 15-1/2" x 3/4"	246	328	410	111	2.65
bx6576	10" x 20" x 1"	9-1/2" x 19-1/2" x 3/4"	307	410	513	139	3.31
bx6526	10" x 24" x 1"	9-1/2" x 23-1/2" x 3/4"	368	492	615	167	3.98
bx6607	10" x 30" x 1"	9-1/2" x 29-1/2" x 3/4"	460	615	769	208	4.97
bx6228	12" x 12" x 1"	11-1/2" x 11-1/2" x 3/4"	221	295	369	100	2.39
bx6608	12" x 18" x 1"	11-1/2" x 17-1/2" x 3/4"	332	443	554	150	3.58
bx6609	12" x 20" x 1"	11-1/2" x 19-1/2" x 3/4"	368	492	615	167	3.98
bx6235	12" x 24" x 1"	11-1/2" x 23-1/2" x 3/4"	442	590	738	200	4.77
bx6610	12" x 25" x 1"	11-1/2" x 24-1/2" x 3/4"	460	615	769	208	4.97
bx6611	12" x 30" x 1"	11-1/2" x 29-1/2" x 3/4"	553	738	923	250	5.96
bx6569	13" x 25" x 1"	12-1/2" x 24-1/2" x 3/4"	499	666	833	226	5.38
bx6625	13" x 21-1/2" x 1"	12-1/2" x 21" x 3/4"	429	573	716	194	4.81
bx6408	14" x 14" x 1"	13-1/2" x 13-1/2" x 3/4"	301	402	502	136	3.25
bx6626	14" x 18" x 1"	13-1/2" x 17-1/2" x 3/4"	397	516	646	175	4.17
bx6229	14" x 20" x 1"	13-1/2" x 19-1/2" x 3/4"	430	574	718	194	4.64
bx6128	14" x 24" x 1"	13-1/2" x 23-1/2" x 3/4"	516	688	861	233	5.57
bx6245	14" x 25" x 1"	13-1/2" x 24-1/2" x 3/4"	537	717	897	243	5.80
bx6627	14" x 30" x 1"	13-1/2" x 29-1/2" x 3/4"	645	860	1076	292	6.96
bx6628	15" x 20" x 1"	14-1/2" x 19-1/2" x 3/4"	460	615	769	208	4.97
bx6629	15" x 25" x 1"	14-1/2" x 24-1/2" x 3/4"	576	768	981	260	6.21
bx6630	16" x 16" x 1"	15-1/2" x 15-1/2" x 3/4"	393	524	656	178	4.24
bx6631	16" x 18" x 1"	15-1/2" x 17-1/2" x 3/4"	442	590	738	200	4.77
bx6231	16" x 20" x 1"	15-1/2" x 19-1/2" x 3/4"	491	656	820	222	5.30
bx6632	16" x 24" x 1"	15-1/2" x 23-1/2" x 3/4"	589	787	984	267	6.36
bx6247	16" x 25" x 1"	15-1/2" x 24-1/2" x 3/4"	614	819	1025	278	6.63
bx6633	16" x 30" x 1"	15-1/2" x 29-1/2" x 3/4"	737	983	1230	333	7.95
bx6634	16" x 32" x 1"	15-1/2" x 31-1/2" x 3/4"	786	1,049	1,312	356	8.48
bx7242	16-1/2" x 21-5/8" x 1"	16" x 21-1/8" x 3/4"	548	731	914	248	5.91
bx6635	17" x 22" x 1"	16-1/2" x 21-1/2" x 3/4"	574	766	958	260	6.19
bx6514	18" x 18" x 1"	17-1/2" x 17-1/2" x 3/4"	497	664	830	225	5.57
bx6636	18" x 20" x 1"	17-1/2" x 19-1/2" x 3/4"	553	738	923	250	5.96
bx6241	18" x 24" x 1"	17-1/2" x 23-1/2" x 3/4"	663	885	1,107	300	7.16
bx6642	18" x 25" x 1"	17-1/2" x 24-1/2" x 3/4"	691	922	1,153	313	7.45
bx6643	18" x 30" x 1"	17-1/2" x 29-1/2" x 3/4"	829	1,106	1,384	375	8.94
bx6127	20" x 20" x 1"	19-1/2" x 19-1/2" x 3/4"	614	819	1,025	278	6.63
bx7243	20" x 21-5/8" x 1"	19-1/2" x 21-1/8" x 3/4"	664	886	1,108	300	7.16
bx6233	20" x 22" x 1"	19-1/2" x 21-1/2" x 3/4"	675	901	1,128	306	7.29
bx6644	20" x 23" x 1"	19-1/2" x 22-1/2" x 3/4"	706	942	1,179	319	7.62
bx6243	20" x 24" x 1"	19-1/2" x 23-1/2" x 3/4"	737	983	1,230	333	7.95
bx6249	20" x 25" x 1"	19-1/2" x 24-1/2" x 3/4"	767	1,024	1,281	347	8.28
bx6251	20" x 30" x 1"	19-1/2" x 29-1/2" x 3/4"	921	1,229	1,538	417	9.94
bx6574	22" x 22" x 1"	21-1/2" x 21-1/2" x 3/4"	743	992	1,240	336	8.02
bx6129	22" x 24" x 1"	23-1/2" x 23-1/2" x 3/4"	884	1,180	1,476	400	9.54
bx6253	24" x 30" x 1"	23-1/2" x 29-1/2" x 3/4"	1,105	1,475	1,845	500	11.93
bx6645	25" x 25" x 1"	24-1/2" x 24-1/2" x 3/4"	959	1,280	1,602	434	10.35

Model	Nominal Size	Actual Size (Imperial)	Rated Airflow (CFM)			Nom. Area (ft ²)	Gross Area (ft ²)
			369 FPM	492 FPM	615 FPM		
bx6662	10" x 10" x 2"	9-1/2" x 9-1/2" x 1-3/4"	256	342	427	0.69	3.13
bx6663	12" x 20" x 2"	11-1/2" x 19-1/2" x 1-3/4"	615	820	1,025	1.67	7.51
bx6132	12" x 24" x 2"	11-1/2" x 23-1/2" x 1-3/4"	738	984	1,230	2.00	9.01
bx6664	14" x 20" x 2"	13-1/2" x 19-1/2" x 1-3/4"	718	957	1,196	1.94	8.76
bx6264	14" x 25" x 2"	13-1/2" x 23-1/2" x 1-3/4"	897	1,196	1,495	2.43	10.95
bx6665	15" x 20" x 2"	14-1/2" x 19-1/2" x 1-3/4"	769	1,025	1,281	2.08	9.39
bx6524	16" x 16" x 2"	15-1/2" x 15-1/2" x 1-3/4"	656	875	1,093	1.78	8.01
bx6130	16" x 20" x 2"	15-1/2" x 19-1/2" x 1-3/4"	820	1,093	1,367	2.22	10.01
bx6538	16" x 24" x 2"	15-1/2" x 23-1/2" x 1-3/4"	984	1,312	1,640	2.67	12.02
bx6266	16" x 25" x 2"	15-1/2" x 24-1/2" x 1-3/4"	1,025	1,367	1,708	2.78	12.52
bx6666	16" x 30" x 2"	15-1/2" x 29-1/2" x 1-3/4"	1,230	1,640	2,050	3.33	15.02
bx7247	17" x 25" x 2"	16-1/2" x 24-1/2" x 1-3/4"	1,089	1,452	1,815	2.95	13.30
bx6667	18" x 18" x 2"	17-1/2" x 17-1/2" x 1-3/4"	830	1,107	1,384	2.25	10.14
bx6255	18" x 20" x 2"	17-1/2" x 19-1/2" x 1-3/4"	923	1,230	1,538	2.50	11.27
bx6668	18" x 24" x 2"	17-1/2" x 23-1/2" x 1-3/4"	1,107	1,476	1,845	3.00	13.52
bx6669	18" x 25" x 2"	17-1/2" x 24-1/2" x 1-3/4"	1,153	1,538	1,922	3.13	14.08
bx6131	20" x 20" x 2"	19-1/2" x 19-1/2" x 1-3/4"	1,025	1,367	1,708	2.78	12.52
bx6259	20" x 24" x 2"	19-1/2" x 23-1/2" x 1-3/4"	1,230	1,640	2,050	3.33	15.02
bx6268	20" x 25" x 2"	19-1/2" x 24-1/2" x 1-3/4"	1,281	1,708	2,135	3.47	15.65
bx7248	20" x 26" x 2"	19-1/2" x 25-1/2" x 1-3/4"	1,333	1,777	2,221	3.61	16.27
bx6272	20" x 30" x 2"	19-1/2" x 29-1/2" x 1-3/4"	1,538	2,050	2,563	4.17	18.78
bx6133	24" x 24" x 2"	23-1/2" x 23-1/2" x 1-3/4"	1,476	1,968	2,460	4.00	18.03
bx6261	24" x 25" x 2"	23-1/2" x 24-1/2" x 1-3/4"	1,538	2,050	2,563	4.17	18.78
bx6670	24" x 30" x 2"	23-1/2" x 29-1/2" x 1-3/4"	1,845	2,460	3,075	5.00	22.53
bx6270	25" x 25" x 2"	24-1/2" x 24-1/2" x 1-3/4"	1,602	2,135	2,669	4.34	19.56

bx6671	12" x 24" x 4"	11-1/2" x 23-1/2" x 3-3/4"	738	984	1,230	2.00	19.31
bx6672	16" x 20" x 4"	15-1/2" x 19-1/2" x 3-3/4"	820	1,093	1,367	2.22	21.46
bx6673	16" x 24" x 4"	15-1/2" x 23-1/2" x 3-3/4"	984	1,312	1,640	2.67	25.75
bx6540	16" x 25" x 4"	15-1/2" x 24-1/2" x 3-3/4"	1,025	1,367	1,708	2.78	26.82
bx6674	18" x 24" x 4"	17-1/2" x 23-1/2" x 3-3/4"	1,107	1,476	1,845	3.00	28.97
bx6675	20" x 20" x 4"	19-1/2" x 19-1/2" x 3-3/4"	1,025	1,367	1,708	2.78	26.82
bx6539	20" x 24" x 4"	19-1/2" x 23-1/2" x 3-3/4"	1,230	1,640	2,050	3.33	32.19
bx6554	20" x 25" x 4"	19-1/2" x 24-1/2" x 3-3/4"	1,281	1,708	2,135	3.47	33.53
bx6676	24" x 24" x 4"	23-1/2" x 23-1/2" x 3-3/4"	1,476	1,968	2,460	4.00	38.63

bx7257	16" x 25" x 5"	15-1/2" x 24-1/2" x 4-3/4"	1,025	1,367	1,708	2.78	33.98
bx7258	20" x 20" x 5"	19-1/2" x 19-1/2" x 4-3/4"	1,025	1,367	1,708	2.78	33.98
bx7259	20" x 25" x 5"	19-1/2" x 24-1/2" x 4-3/4"	1,281	1,708	2,135	3.47	42.47

Notes: Tolerances shall be +/- 1/8" for height & width and 1/16" for depth.
Filters will hold their rated efficiency for the entire life of the filter.
Greentech has a policy of continuous product research & development. We reserve the right to change design specifications without notice.

5" filter pressure drop data is available upon request.

Greentech filter media is bonded to a recyclable metal structural support to provide pleat uniformity and rigidity as well as being sealed to the entire internal perimeter of the filter frame with a non-toxic adhesive.