

Media Type	Mesh Size	Effective Size\mm	UC	pH	Weight lbs./ft <sup>3</sup>	Service Flow	Peak gpm/ft <sup>2</sup>	Bed Depth	Backwash Rate	Bed Expansion
Anthracite	various	various	1.6	wide	50	5	5	24 - 36	12 - 18	20-30
Birm	12x50	0.48	2.7	6.8 - 9	40	3.5 - 5	5	30 - 36	8 - 10	20-40
Calcite (calcium carbonate)	16x40	0.4	1.5	5 - 7	90	3 - 6	6	24 - 30	10 - 12	35
Cerapure MAC / AC	50x60	0.25-0.30	<1.4	62.-9.5	89	8	10	24	8 - 10	50
Corosex (magnesium oxide)	6x16	1.4	1.7	4.5 - 6	75	5 - 6	6	24 - 30	10 - 12	35
Filter Ag	10x34	0.67	2.1	wide	25	5	8	24 - 36	8 - 10	20-40
Filter-Ag Plus (Turbodex)	14x30	0.55	1.8	wide	50	12-18	20	24 - 48	14 -18	30 - 40
Garnet	various	various		wide	140	10	10	10+	25 - 32	****
GA Marble (calcium carbonate) XO Fine	16x40	****		5 - 7	90-105	3 - 6	6	30	10-12	35
GA Marble (calcium carbonate) Z Coarse	10x20	****		5 - 7	90-105	3 - 6	6	30	10-12	35
Greensand Plus	18x60	0.30 - .35		6.2 - 8.8	88	2 - 7	****	15 - 30**	12-15	35 - 40
KDF 55	100	0.149 - 2.0		6.5 - 8.5	171	15	30	10+	30	10 - 15
KDF 85	100	0.149 - 2.0		6.5 - 8.5	171	15	15	10+	30	10-15
MTM (granular manganese dioxide)	12x50	0.43	2.0	6.2 - 8.5	45	2-7	5	24 - 36	8 - 10***	20-40
Pyrolox Advantage	20x40	****		6.5 - 9	88	2 - 12	****	30	12-15	35 - 40
Sand/Gravel	various	various	1.4	wide	100	5	15	18 - 30	15 - 20	30-40

**Guidelines only - Application dependent, many variables affect outcome.**

\*15" Dual media bed -anthracite cap on GreensandPlus

\*\*At 55 deg F

\*\*\* @ 60 deg. 8-10 gpm per sq. ft for tanks < 12"; 10-12 gpm per sq.ft for tanks > 13"

\*\*\*\* Contact UA