

Micro Z

Superior Filtration Media

Alamo's Micro-Z™ granular filter media outperforms conventional multimedia materials due to its unique structure, allowing particulate to penetrate deeply into the filter bed to provide superior filtration at increased flow rates.

Features & Benefits

- Higher solids loading capability
- Superior filtration performance
- Reduced backwash frequency
- Removes finer particles
- Reduces pressure drop
- Provides higher flow rates
- Light weight
- Reduces shipping costs
- Easy to handle



Gold Seal Certified
NSF / ANSI Std. 61
(A7200)

Physical Properties

Color	Light green
Bulk density	55 lbs. per cu. ft.
Specific gravity	2.2 gm/cc
Mesh size	14x40
Uniform coefficient	1.9
Hardness (Mohs scale)	4

Conditions of Operation

Recommended bed depth	36" - 48"
Recommended freeboard	50% of bed depth
Service flow rate	12-20 GPM/sq. ft.
Backwash flow rate	12-18 GPM/sq. ft.
Backwash bed expansion	30-40 percent

Note: Allow bed to soak overnight before initial backwash.

MICRO-Z vs. Conventional Filter Media

MEDIA	NOMINAL MICRON RATING	LOADING CAPACITY
Sand	20	1.0 X
Sand & Anthracite	15	1.4 X
Multimedia	12	1.6 X
Micro-Z	5	2.8 X

MICRO-Z Loading Information

VESSEL DIAMETER (INCHES)	MEDIA QUANTITY A7200 (CUBIC FT.)	UNDER BED A7005 (LBS.)	SERVICE FLOW RATE	BACKWASH FLOW RATE (GPM)
9	1	12	5-9	5-8
10	1.5	15	7-10	7-10
12	2	25	9-15	10-14
14	3	40	13-21	13-19
16	4	55	17-28	17-25
22	6	100	30-50	29-43
24	8	200	38-62	38-56
30	10	300	59-98	60-88
36	20	500	85-140	85-127
42	30	700	115-190	115-175
48	35	900	150-250	150-225

Ordering Information

MODEL NO.	DESCRIPTION	CUBIC FEET PER BAG	CONTAINER WT. (LBS.)	PACKAGE	PER PALLET
A7200	Micro-Z	1	55	Bag	1
A7200-B	Micro-Z	40	2,200	Super Sack	40