



AD 400Z Media

Superior Filtration Media

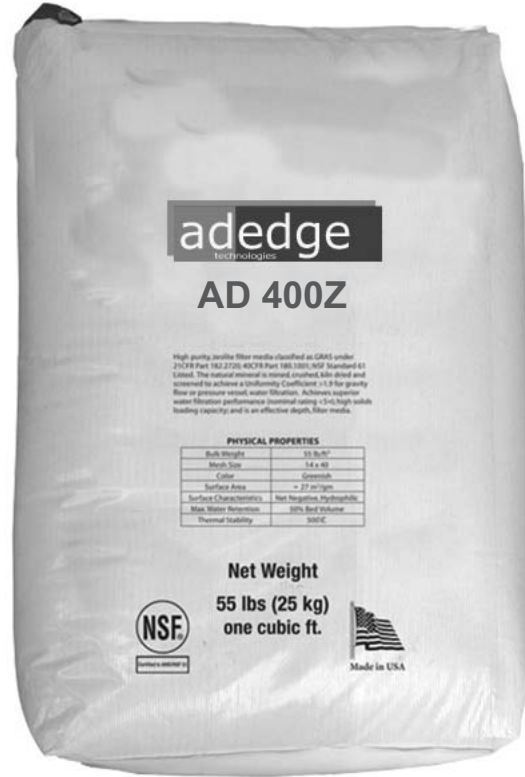
AdEdge AD400Z granular filter media outperforms conventional multimedia materials due to its unique structure, allowing particulate to penetrate deeply into the filter bed to provide superior filtration at increased flow rates.

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

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 cost
- Easy to handle
- 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 12-16 GPM/sq. ft.
- Backwash bed expansion 30-40 percent
- Note: Allow bed to soak overnight before initial backwash

AdEdge 400Z vs. Conventional Filter Media

- | Media | Nominal Micron Rating | Loading Capacity |
|-------------------|-----------------------|------------------|
| Sand | 20 | 1.0X |
| Sand & Anthracite | 15 | 1.4X |
| Multimedia | 12 | 1.6X |
| Micro-Z | 5 | 2.8X |

