

FilterLite Sediment System



FilterLite a High Performance Sediment Filtration Media that offers advantages over conventional sand, sand & anthracite, or multimedia filters. FilterLite is produced from a unique mineral deposit having high surface area and porosity. Aquatech Timer or Metered Valves provide programmable backwash.

Superior Sediment Filtration for Surface Water

Advantages:

- ✓ Less pressure loss for a given flow rate
- ✓ Higher service flow rates
- ✓ Higher solids loading capacity
- ✓ Single media replaces multimedia
- ✓ Enhanced filtration performance

Physical Properties:

- ✚ Color – Light Green
- ✚ Density - 55 lbs per cu. Ft.
- ✚ Specific Gravity – 2.2gm/cc
- ✚ Mesh Size – 14 x 40
- ✚ Uniform Coefficient – 1.9

Conditions of Operation:

- Recommended bed depth: 36” – 48”
- Recommended freeboard: 50% of bed depth
- Service flow rates: 12 – 20 GPM/sq. ft.
- Backwash flow rates : 12 – 16
- Backwash bed expansion: 30 – 40 %