Eljen GSF Geotextile Sand Filter

PASSIVE ADVANCED TREATMENT TECHNOLOGY

- Independent 3rd Party Testing Confirms
 Compliance with NSF Standard 40 Protocol
- Requires a Smaller Installation Area than Traditional Systems
- Pre-treats Effluent with a Patented
 Two-Stage Bio-Matt[™] Process
- Reduced Site Impact
- Made from Recycled Materials
- Lightweight and Easy to Handle







Only the Eljen GSF Geotextile Sand Filter Pretreats Effluent with a Patented Two-Stage Bio-Matt™ Process

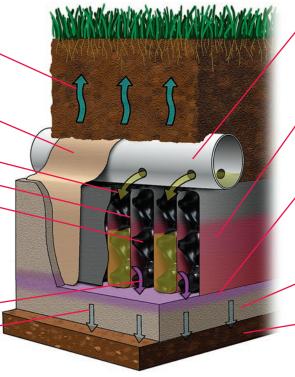
When your installation requires more performance in less space, the Eljen GSF delivers. With Eljen's patented two-stage Bio-Matt™ pre-treatment process the GSF applies a better than secondary treated effluent to the soil, increasing the soil's acceptance rate. The result is superior treatment in the smallest area possible when compared to other onsite technologies.





ELJEN'S EXCLUSIVE FOLDED DESIGN PROVIDES THE MAXIMUM TREATMENT SURFACE AREA IN A MINIMUM OF SPACE

- Porous Top of the Eljen GSF allows evapotranspiration and oxygen exchange for better effluent treatment.
- Anti-Siltation Fabric keeps fines out of the Eljen GSF
- Untreated Effluent -
- Bio-Matt™ Fabric
- Cuspated Plastic Core
 provides separation between
 layers of Bio-Matt™ fabric.
 Maintains structural integrity of
 modules & aids oxygen transfer.
 Increases treatment surface area
 & effluent storage capacity.
- Filtered Effluent
- Treated Effluent



Perforated Pipe

distributes effluent to the Eljen GSF. Pipe is secured to the GSF Modules with preformed metal clamps.

Primary Treatment Zone

forms on Bio-Matt[™] fabric. Significant fabric provided for every ft² of soil interface.

Secondary Treatment Zone

forms at sand layer. Long term acceptance rate of this biomat layer is significantly increased as compared to conventional systems.

Specified Sand Layer

provides additional filtration

Native Soil or Fill provides final filtration

FLEXIBLE SITE INSTALLATION

- Trench or Bed lavouts
- Level or Sloped sites
- Mound or In-Ground installations
- Equal or Serial Distribution

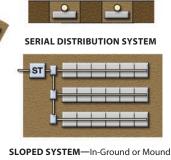


Innovative Environmental Products and Solutions Since 1970

125 McKee Street, East Hartford, CT 06108 800-444-1359 • 860-610-0426 • Fax: 860-610-0427 Email: info@eljen.com • Website: eljen.com BED SYSTEM

TRENCH SYSTEM—Straight or Curved

MOUND SYSTEM



IN-GROUND TRENCH SYSTEM



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