

# ***Eljen GSF Geotextile Sand Filter***

***THE SMALL NON-AGGREGATE LEACH FIELD SYSTEM WITH BIG PERFORMANCE!***

- Pre-treats Effluent with a Two-Stage Bio-Matt™
- Greater Long Term Leaching Capacity
- Requires a Much Smaller Installation Area
- Lower Site Impact
- No Stone Required...Less Offsite Fill
- Lightweight Recycled Materials



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*Environmental Products Since 1976*

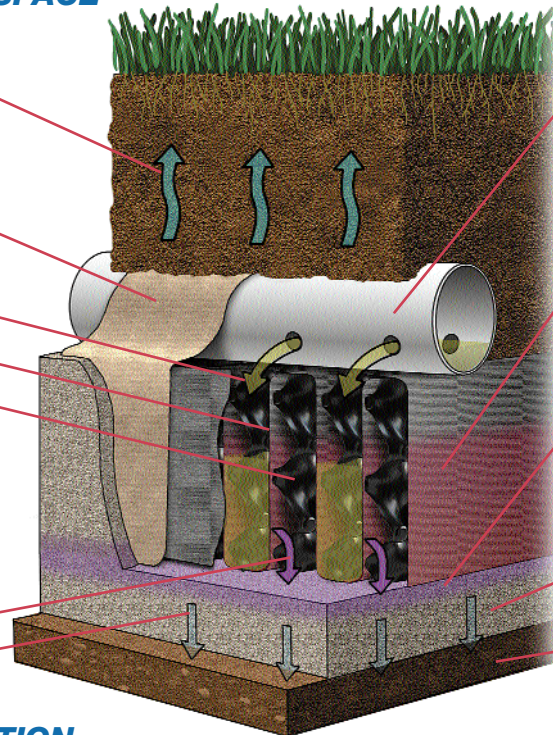
# Only the Eljen GSF Geotextile Sand Filter Pretreats Effluent with a Patented Two-Stage Bio-Matt™

When your installation requires extra capacity in less space, the Eljen GSF delivers. While conventional systems rely on a single biomat forming at the soil interface, the Eljen GSF adds a second, primary biomat layer on the surface of its unique Bio-Matt™ Fabric.



## 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**
- **Cusped 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.
- **Partially Treated 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. Up to 10 ft² of fabric provided for every ft² of soil interface.

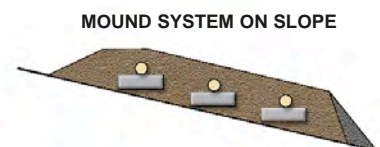
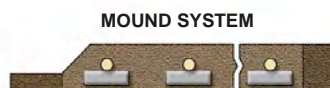
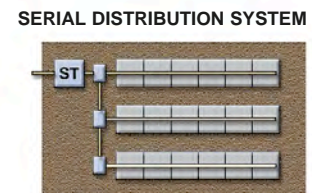
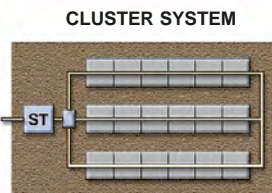
**Secondary Treatment Zone** forms at sand layer. Long term acceptance rate of this biomat layer is significantly increased as compared to conventional systems.

**6" Clean Sand Layer** provides additional filtration

**Native Soil or Fill** provides final filtration (where other systems begin!)

## FLEXIBLE SITE INSTALLATION

- Mound or in-ground installations
- Level or sloped sites
- No assembly required
- Trench or bed layouts
- D-Box or serial distribution
- No stone or gravel cleanup



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