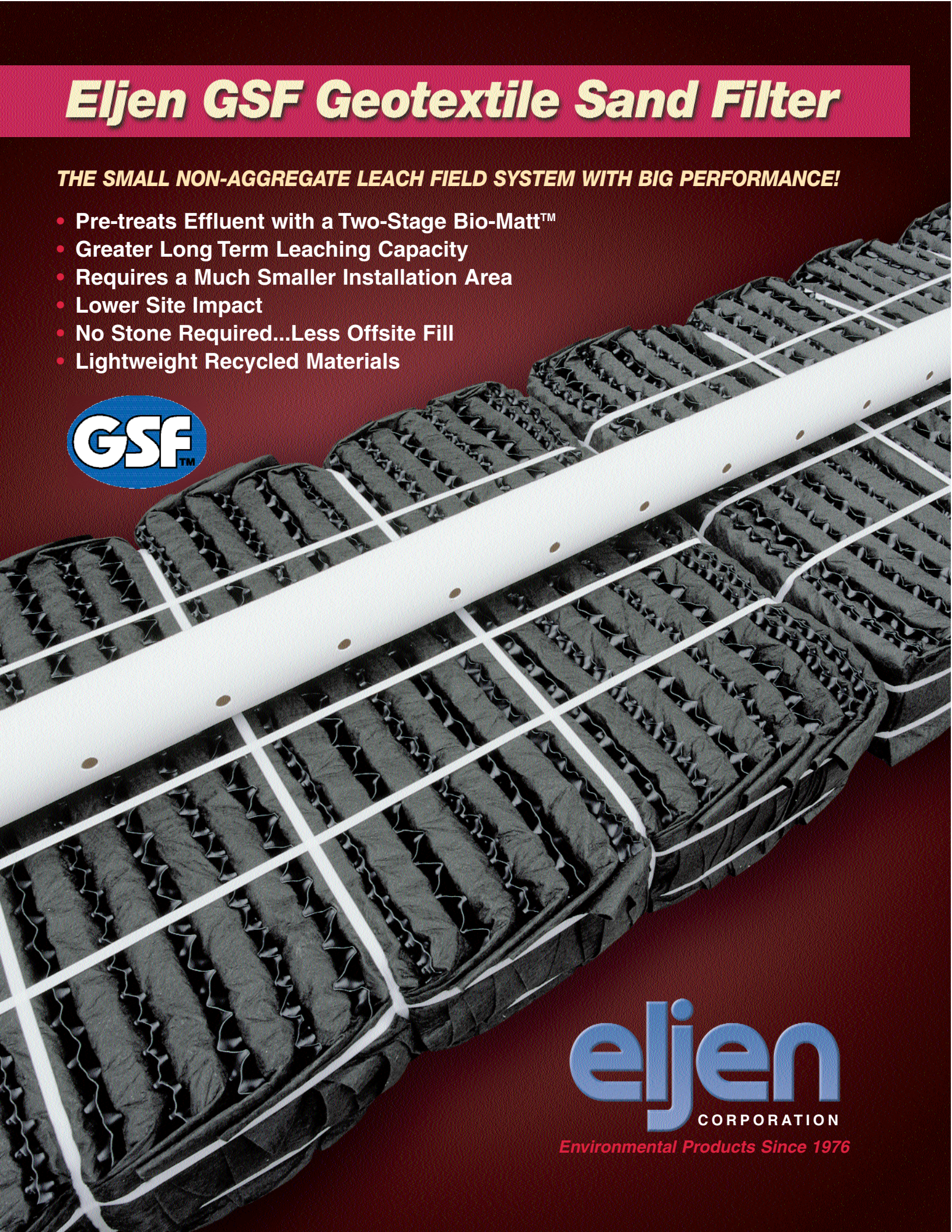
Eljen GSF Geotextile Sand Filter

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**

GSF™

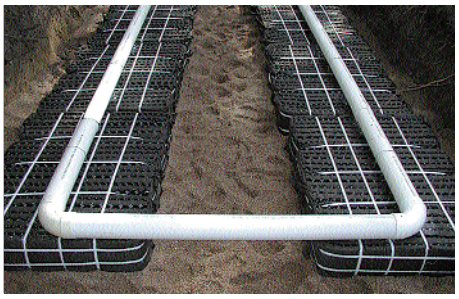


eljen CORPORATION

Environmental Products Since 1976

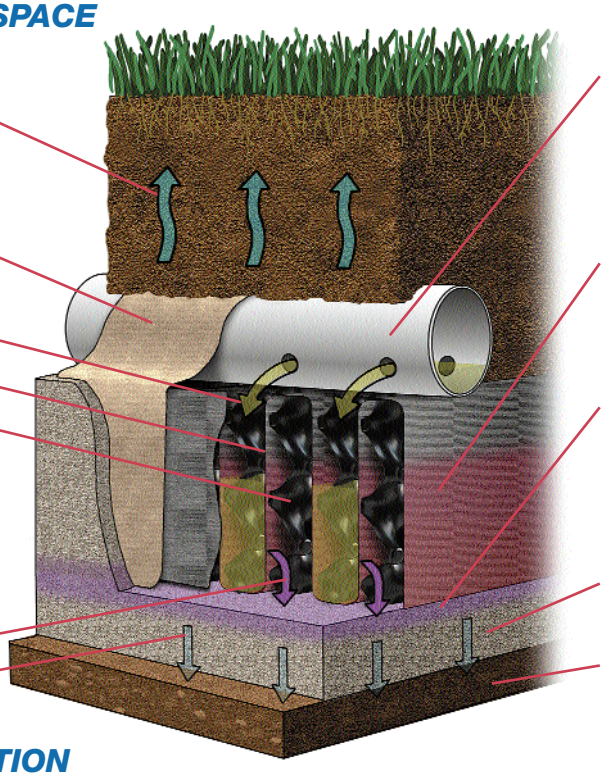
Only the Eljen GSF Geotextile Sand Filter Pretreats Effluent with a Patented Two-Stage Bio-Matt™

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**
- **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.
- **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!)

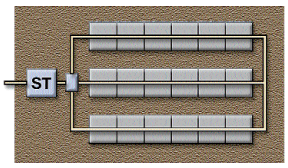
FLEXIBLE SITE INSTALLATION

- 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

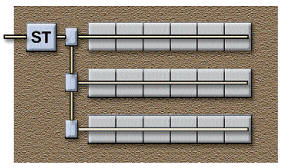
TRENCH SYSTEM–Straight or Curved

IN-GROUND SYSTEM
(Cross Section)

CLUSTER SYSTEM

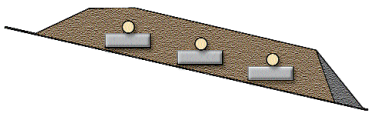


SERIAL DISTRIBUTION SYSTEM



MOUND SYSTEM

MOUND SYSTEM ON SLOPE



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