

## Effluent Filter Screens

Effluent filter screens are used to increase the life of your septic system by blocking solids from entering the septic field and are recommended by the EPA Code of Practice, 2009.

Effluent filters significantly improve septic tank efficiency and dramatically reduce the risk of sewage ponding in your garden due to clogged drainfields.

### Tuf-Tite® Effluent Filter Screens: EF 4 and EF 6 -with butyl rope to seal pipe outlet



**EF-4**  
3,000  
L/day



**EF-6**  
5,678 L/day

Butyl rope  
outlet pipe  
sealant  
supplied  
with EF-4  
and EF-6  
filters

- Includes outlet tee and filter combination. Is installed on the tank outlet to keep solids in the tank.
- Improves life of percolation area and assists functioning of septic tank.
- Reduces solids, paper and sanitary pollutants entering distribution boxes and the environment.
- Can be installed in existing tanks.
- Filters are removed and cleaned when tank is pumped.
- Patented PVC effluent filter screens for domestic and commercial use.

## Installation and Maintenance for Effluent Filter Screens

### Installation:

The combination filter and outlet tee replaces the outlet tee of the septic tank. The section of butyl rope shown above should be used when connecting 110 mm pipes to ensure a watertight seal with the outlet tee.

1. Insert the filter into the outlet Tee Baffle with arrow on the top of the filter pointing toward the outlet pipe.
2. Push down firmly until top of the filter seats into hub of the outlet Tee Baffle.

### Maintenance:

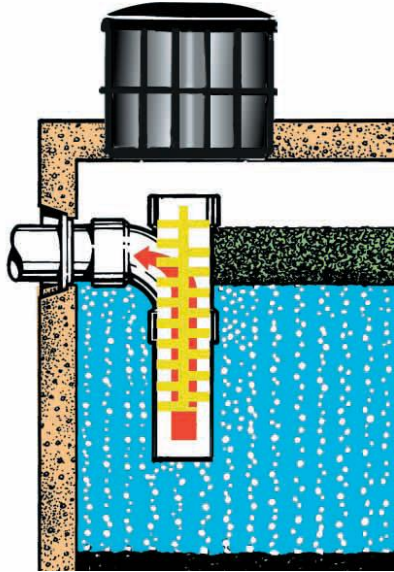
Filter Screens will, under normal conditions, operate efficiently for several years or more before requiring removal and cleaning. It is suggested that the unit be cleaned every time the tank is pumped or at least every three years.

1. Do not use plumbing during filter cleaning.
2. Pull the filter straight out of the Tee.
3. Hose filter off, making sure that all solids fall back into the septic tank, not back into the Tee Baffle.
4. Replace filter as in installation instructions above.

In general when filter screens need to be cleaned the tank also needs to be pumped. Filter screens are a good way of telling you that the tank needs to be pumped. Screens should not be permanently removed to prevent damage to the percolation area.

Lightweight risers and covers bring tank access up to ground level and allow easy filter cleaning at time of pump out.

Access risers and lids are available from to be cast into new tanks or to be retrofitted to existing tanks.



Filter screens can also be placed in a separate housing and connected to the tank outlet.

Especially suitable for existing tanks and percolation areas!

Effluent filters help protect the environment by reducing the Biochemical Oxygen Demand (BOD) organic matter by approx. 30% and suspended solids by approx. 70%. (Source US EPA 2002 -re performance standards for filtered primary treatment).

Effluent filter screens have been used in Ireland on a small scale for over 15 years and are compulsory in much of the USA. The US EPA 2002 Onsite Wastewater Treatment Systems Manual referring to septic tanks states "*The use of a removable, cleanable effluent screen connected to the outlet is strongly recommended.*"