



Department of Safety and Professional Services
Division of Industry Services
Plumbing Product Review
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Governor Tony Evers Dan Hereth, Secretary

May 28, 2025

Tuf-Tite
Ted Meyers
1200 Flex Ct.
Lake Zurich IL 60047-1570

Conditionally
APPROVED
DEPT. OF SAFETY AND PROFESSIONAL
SERVICES
DIVISION OF INDUSTRY SERVICES

Joshua Rowley

Re: Description: Sewage Treatment Apparatus, Effluent Filter
Manufacturer: Tuf-Tite
Product Name: 4-in. and 6-in. Effluent Filters
Model Number(s): EF-4 and EF-6
eSLA PTO No.: PP-052500008-PTOWWTD

SEE CORRESPONDENCE

The specifications and/or plans for these effluent filters have been reviewed and determined to be in compliance with chapters SPS 382 through 384, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. This approval is valid until the end of May 2030.

This approval is contingent upon compliance with the following stipulation(s):

- These effluent filters shall be installed, maintained and used in strict accordance with the manufacturer's published instructions, Chapters 381-387 Wis. Adm. Code and this product approval. If there is a conflict between the manufacturer's instructions and the Wis. Adm. Code or this Plumbing Product Approval, then the Wis. Adm. Code and this Plumbing Product Approval shall take precedence.
- These effluent filters shall be installed so it is accessible for regular cleaning and maintenance.
- These effluent filters shall be installed with bypass protection.
- For the duration of this approval, the manufacturer shall maintain conformance of these effluent filters to NSF/ANSI 46-2021.
- These effluent filters shall have a permanent data plate attached or shall be permanently marked with:
 1. the model number;
 2. the manufacturer's name and phone number; and
 3. the particle size rating.

The information shall be located so it is easily visible during normal maintenance.

- Drain, waste and vent piping used to install these effluent filters shall conform to s. SPS 384.30 (1), (2) and (3) Wis. Adm. Code.
- Cleanouts shall be installed in drain piping associated with the installation of these effluent filters in accordance with s. SPS 382.35 Wis. Adm. Code.

- Tank/filter contents removed shall be treated as septage and disposed of in accordance with NR 113 Wis. Adm. Code.
- Complete installation, operation and maintenance instructions shall be provided to each system owner and remain onsite.

Technical notes:

1. Manufacturer's website: <http://www.tuf-tite.com/>

The department is in no way endorsing these effluent filters or any advertising and is not responsible for any situation which may result from its use.

Sincerely,

Joshua Rowley

POWTS Product Reviewer

POWTS Plan Reviewer

Division of Industry Services

Tuf-Tite® Effluent Filters.

86 ft. of
1/16" filtration
area.



EF-4
800 gpd

NSF® ANSI/NSF
Standard 46

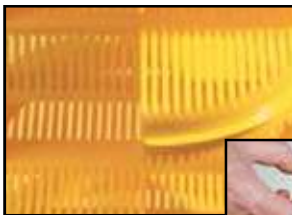
4" Sch. 40 &
SDR-35

NSF®
800 GPD
ANSI/NSF
Standard 46

**TB-4
T-Baffle™**

NSF® ANSI/NSF
Standard
COMPONENT

Patent Numbers
6,319,403; D 431,629; other
pats. pending.



Rear of EF-4
filter - close-up.



Optional Gas Baffle for EF-4 for
extended filter life.

EF-6
1500 gpd

NSF®
ANSI/NSF
Standard 46

244 ft. of
1/16" filtration
area.



4" Sch. 40 &
SDR-35

NSF®
1500 GPD
ANSI/NSF
Standard 46

**TB-6
T-Baffle™**

NSF® ANSI/NSF
Standard 46
COMPONENT

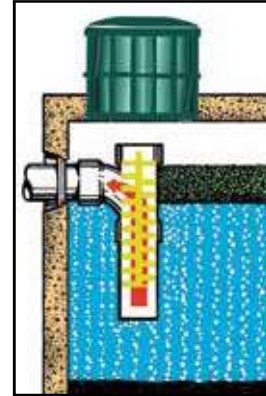
**Molded-in
Gas/Solids
Deflector**

EF-4
EF-6 NSF® ANSI/NSF
Standard 46

TB-4
TB-6 NSF® ANSI/NSF
Standard 46

Tough Problem

Solids entering the septic field significantly reduce the life of the field, resulting in premature failure of the entire system.



TUF-TITE Solution

The EF-4 & EF-6 Effluent Filters, filter solids down to 1/16", increasing the life of your septic system.

TB-4x3 Reducer.

Adapts 4" TB-4 for use
with 3" pipe.



NEW!



Molded-in lid gasket.

No fighting with flimsy foam rubber gaskets. Assures a watertight seal every time.



Screws on outside
of Riser, where they
belong, away from
corrosive gases.

Every filter needs a Riser*

for easy cleaning and inspection. Stackable, interlocking Risers make filter maintenance easy. Available in 12", 16", 20", and 24" diameters.

*Tuf-Tite® products are U.V. Stabilized.

Installation:

Tuf-Tite Effluent Filters are designed to extend the life of your drainfield by preventing solids from leaving the septic tank. The filter fits into either a 4" or 6" Tee Baffle which in many cases is already attached to the outlet pipe. If a Tee Baffle is not installed, install as shown in Figure 2, allowing enough clearance from the end of the tank to permit easy filter access.

1. Insert the filter into the Tee Baffle with arrow on the top of the filter pointing toward the outlet pipe (as shown in Figure 1 and Figure 2).
2. Push down firmly until top of the filter seats into hub of the Baffle Tee.

Maintenance:

Tuf-Tite Effluent Filters 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.

For replacement parts and warranty information, contact Tuf-Tite, Inc. 800-382-7009

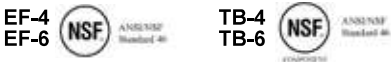


Figure 1:

Arrow on top of filter unit must point in the direction of the outlet pipe. Top rim of filter will seat in hub of Tee.

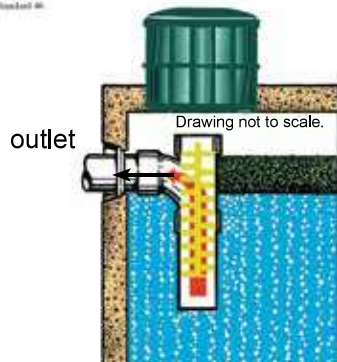


Figure 2:

Diagram of installed filter and Tee Baffle. Note: drawing is not to scale.

The Tuf-Tite® Riser System:



Riser Lids

Rounded or Flat with Molded-in gasket. Available in 12", 16", 20" and 24" diameters.

Concrete Lid w/ handle

Safety Pan™

Safety Pan™ available in 12", 20" and 24" diameters.

Riser

For septic tanks. Stackable in 6" & 12" increments. Available in 12", 16", 20" and 24" diameters.

Tank Adapter Ring

For mounting riser flush to top of tank when casting-in is not an option.

12, 16, 20, & 24" Dia.

Tuf-Tite® products are U.V. Stabilized.

Pat.Nos.: 5,617,679
5,852,90; other pats.
pending.

