Department of Safety and Professional Services
Division of Industry Services
Plumbing Product Review
4822 Madison Yards Way
P.O. Box 7162
Madison, Wisconsin 53707-7162
Phone 608-266-2112
Web http://dsps.wi.gov
Email dsps@wisconsin.gov
TTY: Contact Through Relay

Governor Tony Evers **Dan Hereth, Secretary**

May 28, 2025

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

Joshua Rowley

SEE CORRESPONDENCE

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

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

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

Tuf-Tite® Effluent Filters.

EF-4
800 gpd

NSF ANSI/NSF Standard 46

86 ft. of 1/16" filtration area.

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.

EF-6
1500 gpd

NSF ANSI/NSF Standard 46

244 ft. of 1/16" filtration area.

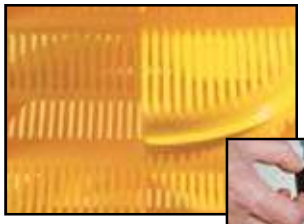
4" Sch. 40 & SDR-35

NSF 1500 GPD ANSI/NSF Standard 46

TB-6 T-Baffle™

NSF ANSI/NSF Standard 46 COMPONENT

Molded-in Gas/Solids Deflector



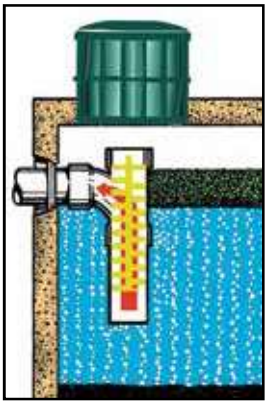
Rear of EF-4 filter - close-up.

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

EF-4 EF-6 NSF

TB-4 TB-6 NSF

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.

NEW!

TB-4x3 Reducer.
Adapts 4" TB-4 for use with 3" pipe.

Molded-in lid gasket.
No fighting with flimsy foam rubber gaskets. Assures a watertight seal every time.

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.

Tuf-Tite® Inc. • 1200 Flex Court • Lake Zurich, Illinois 60047
©2015, Tuf-Tite Corporation, Printed in USA, Form EF (1)

TUF-TITE Installation & Maintenance: EF Series

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

EF-4 NSF
EF-6

TB-4 NSF
TB-6

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.

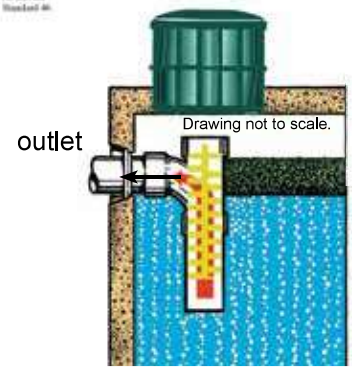


Figure 2:
Diagram of installed filter and Tee Baffle. Note: drawing is not to scale.

The Tuf-Tite® Riser System:

12, 16, 20, & 24" Dia.

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

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 16", 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.

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

TUF-TITE

Drainage and Septic Products

Tuf-Tite® Inc.
1200 Flex Court
Lake Zurich, Illinois 60047

Water-tight Lids and Risers by Tuf-Tite®

©2015, Tuf-Tite Corporation, Printed in USA, Form EF (1)