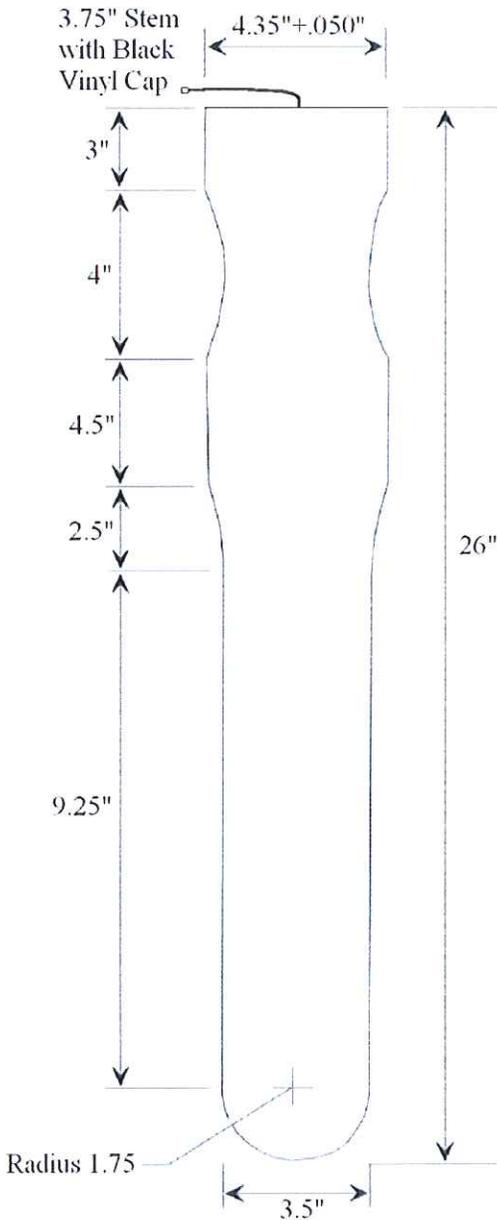


Drawings are not to scale

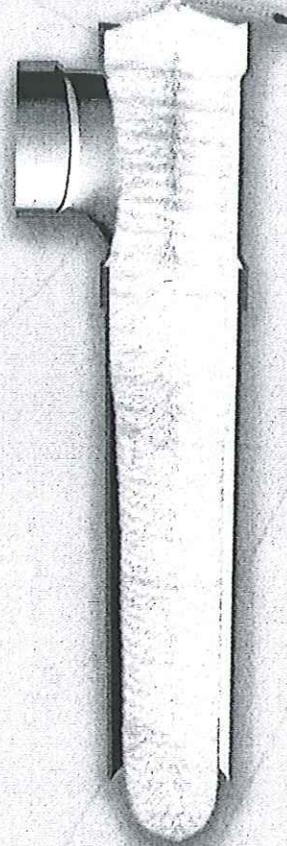
4" Passive Filter (yellow) STF-110



- Non-directional polypropylene bristles
- Self-locking bristles hold the filter in place
- Stainless Steel core
- Description: Twisted-in-wire brush with 26" long brush body, 1/4" tip and 3 1/2" long handle end with 90 degree bend 1/2" out from bush part. Bush body will have major diameter of 4.313" for a length of 9" starting 1/2" from the 90 degree handle bend. Then will transition down to 3 1/2" diameter over the next 2" and held at 3 1/2" diameter for the next 12". There is a scallop cut about the O.D. in the major diameter beginning 2" in from the end per drawing at left. The stem is 11 gauge stainless steel and the fill material will be .015 yellow crimped prostran polypropylene.
- Minimum GPD equals 1,052 (may be manifolded together for up to 5,260 GPD)
- Each bristle: 0.015" thick, 2" long, V = 0.00075 cubic inches, A = 0.09425 square inches.
- Number of bristles: 376 bristles per row x 56 rows = 21,056 bristles per filter.
- Filter: 3,509 linear feet of filter bristle (over 2/3 of a mile), V = 15.87 cubic inches, A = 1,984.52 square inches of surface area.
- Filter area: 15.87 cubic inches.
- Open area: 637.58 cubic inches.
- Hydro-dynamically designed for unrestricted filtration flow. No flat filtration surface.

FEATURES

- ❖ Easy, affordable solution for servicing septic tanks
- ❖ Designed with non-directional bristles for unrestricted flow of effluent
- ❖ Allows biological maturing and sloughing to maximize septic tank efficiency
- ❖ Provides well over 1/2 mile of filtration media with over 319 cu. in. of open area to eliminate clogging
- ❖ 2,215 sq. in. of filtering surface allow a flow rate of over 1200 GPD, filtering to 1/16" diameter
- ❖ Filtering surface is achieved with unique triangular bristle that more than doubles the filtering surface, with no uniform holes or slots to plug
- ❖ 90 degree handle for easy installation and removal
- ❖ Adapts to all types of 4" pipe
- ❖ Self-locking bristles hold the filter firmly in place, eliminating 'filter float up'
- ❖ Flexible design makes it easy to install in hard to reach places and makes replacing the filter a breeze
- ❖ Constructed of polypropylene bristles, wound together with a 316 S.S. core
- ❖ The filters designed shape creates a debris separation space which naturally sorts debris according to size and mass, ensures even filter usage for a long lifespan and maximizes circular flow



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Order part No. STF-110
STF-130

CAD detail drawing available in DXF format

RELATED PRODUCTS

- STF-110-6W page 4
- STF-110-7R page 4
- STF-110-8B page 4
- STF-130 page 14
- STF-4TEE page 14

U.S. Patent # 6, 811, 692

