



## THE SAWYER STANDARD<sup>SM</sup> FOR HIGH PERFORMANCE FILTERS

### 1. ABSOLUTE MICRONS

#### **What it means:**

- No pore is larger than 0.1 in the Sawyer® filters.
- Sawyer WILL not use average or nominal pore size ratings.

#### **Why it's important:**

- Without absolute pore size, larger holes are present. While that means the filter could flow faster due to the larger pores, it also means that filter could allow bacteria, protozoa, or cysts to pass through.
- No harmful bacteria, protozoa, or cysts can pass through Sawyer's absolute micron filter.
- All Sawyer filters will remove 100% of microplastics from the water.

### 2. FIBER STRENGTH - KNOWN AS HOOP STRENGTH

#### **What it means:**

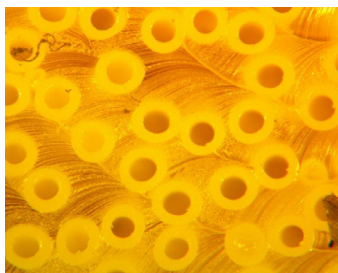
Thicker fiber walls and smaller inner diameter of the fibers make Sawyer fibers ~75% stronger than fibers of other typical hollow fiber membranes.

#### **Why it's important:**

Stronger fibers allow for aggressive backwashing and shock resistance. Meaning each Sawyer filter can be continually backwashed forcefully restoring up to 98% of the original flow rate.

Because of this exclusive technology, the Sawyer MINI Filter and Micro Squeeze™ Filter can be cleaned and reused for up to 100,000 gallons. The Squeeze Water Filter™ offer a lifetime warranty.

Read the entire Sawyer Hollow Fiber Filter Strength Report at [Sawyer.com/downloads](https://www.sawyer.com/downloads)



Sawyer hollow fiber membranes



Other typical hollow fiber membranes

### 3. 100% INDIVIDUALLY TESTED 3 TIMES

#### **What it means:**

Every Sawyer filter is performance tested three different times during the manufacturing process for your protection.

#### **Why it's important:**

To ensure every Sawyer filter is 0.1 absolute micron and that no harmful pathogens can pass through the filter.

Every filter is 3X tested. Sawyer does NOT batch test or statistically test for failure. Testing occurs after the fiber element construction and twice after casing assembly to ensure no harmful pathogens leak through the sealed case or internal o-rings.

### 4. PROTECTED FIBERS

#### **What it means:**

Our hollow fiber membranes are fully encased and sealed to keep them protected.

#### **Why it's important:**

When fibers are not enclosed, physical damage of exposed fibers could allow harmful pathogens to pass through.

### THE SAWYER STANDARD<sup>SM</sup>

Sawyer is willing to invest in these points of difference to ensure every Sawyer filter performs exactly as stated time and time again, for your protection. This is the Sawyer® filter standard.

