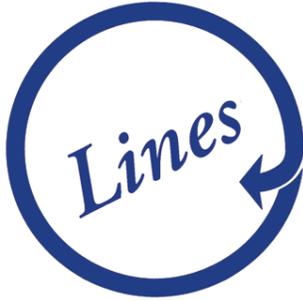


# Tubing



Test Results  
6 hours

**Description**  
Coolant/  
Lubricant for  
Potable Water  
Instrumentarium

Waterline  
Cleaner

Mint - Licorice  
Aroma

*Pseudomonas aeruginosa*  
ATCC 15442 (10% soil/bioburden)

*Salmonella enterica (choleraesuis)*  
ATCC 10708 (10% soil/bioburden)

*Staphylococcus aureus*  
ATCC 6538 (10% soil)

*Escherichia coli*  
NCTC 10541 (10% soil)

*Trichophyton mentagrophytes*  
ATCC 9533 (10% soil)

## Features

### Functional

### Antimicrobial

### Economical Weekend Use

### Non-Corrosive Non-Staining

### Bonding

### Staff Friendly

## Benefits

May be used for continuous oral usage such as Operative Dentistry or Hygienic scaling as a coolant-lubricant for air or electric handpieces. Alternatively may be used as a Weekly Waterline Cleaner. All ingredients USP/Food grade.

**Lines** protects patients and staff from cross-contamination and eliminates *Pseudomonas aeruginosa* in lines.

One 500mL bottle will fill approximately 166 metres (yards) of 1/16" dental tubing or 63 metres of 1/8" tubing. One ounce (30 mL) per unit per week.

Will not corrode metals, clog valves, stain or stick as do water-based Chlorhexidine mouthwashes

Will have NO effect on resin bonding.

Protects staff from bacterial aerosols generated by the scaling of teeth.

**Availability** 500 mL Bottle (case of 6) • 5 L Bulk Bag-in-Box

## Protocol

**COOLANT-LUBRICANT** Use continuously in Operative Dentistry and Hygienic scaling to reduce aerosols, bad odors and tastes and microbial contamination.

Regular use of **Lines** will ensure that water counts will begin near 0 CFU and the Total Heterotrophic Plate Counts should stay below 200 CFU (Colony Forming Units) by week's end provided quality feed water is used.

To maintain water quality, Lines need only be used in the dental unit on weekends or holiday periods.

## Helpful Tips

Using **Lines** full strength ensures the removal of serious pathogens such as *Pseudomonas aeruginosa*. **FIRST TIME:** Start on a Friday night by air purging and then leave **Lines** in the DUWL over the weekend. Monday morning purge for at least five minutes. Copious biofilm (thick slime) will be discharged the first time, therefore remove handpieces etc. to avoid plugging. Disconnect all water heaters and identify and disconnect all dead waterline legs including slow speed waterline.

## Frequently Asked Questions

**ENSURE QUALITY OF SOURCE WATER:** Do not pass distilled water through charcoal filters; they are excellent substrates for bacterial growth. Regularly clean containers used to collect distilled water with a non-toxic product such as **Lines**. Closed systems are often contaminated by air pressurizing them. Monitor compressor air for microbial contamination; change compressor filters and install air dryers as needed. **NOTE:** If incoming water is of good quality then reduce use to just weekends after the first month. If quality of water is excellent (i.e. Sterile, Ozonated, UV treated) then weekend use once per month is all that is necessary.

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