

## DIRECTIONS FOR USE

**DENTSPLY**  
TULSA DENTAL  
SPECIALTIES

# PROLUBE® ROOT CANAL CONDITIONER

Manufactured for:  
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Made in USA



Do Not Reuse



See Directions For Use



Keep Away From Sunlight



**NONRETURNABLE  
IF SEAL IS BROKEN**

For Dental Use Only

Rx only

### Classification

Caution: U.S. federal law restricts this device to sale by or on the order of a dentist. For dental use only.

### Composition

ProLube® root canal conditioner is a combination of Ethylenediaminetetraacetic Acid (EDTA) and carbamide peroxide in a water soluble base.

The EDTA chelates calcium salts from calcified areas within the root canal to facilitate the use of files.

### Indications for Use

ProLube root canal conditioner is a device in the form of a gel for use in the chemical and mechanical cleansing of the root canal preparation during endodontic therapy.

ProLube root canal conditioner is a combination of EDTA and carbamide peroxide specifically formulated to provide cleansing of the root canal preparation. The polyethylene oxide base used in ProLube root canal conditioner acts as a lubricant to facilitate shaping of the root canal using rotary or hand instrumentation.

ProLube root canal conditioner allows for cleansing action that facilitates easy removal of vital pulp tissue and necrotic pulp tissue. ProLube root canal conditioner is designed to be used with endodontic irrigation with sodium hypochlorite solutions. Oxygen bubbling occurs through the release of oxygen from the carbamide peroxide. This action allows for pulp tissue, dentinal shavings and debris to be easily removed.

ProLube root canal conditioner encourages lightening of the tooth if discoloration exists from non-vitality. The use of sodium hypochlorite with ProLube root canal conditioner promotes internal bleaching of the tooth. This process is enhanced by the release of oxygen from the carbamide peroxide.

Also, ProLube root canal conditioner leaves an appropriate internal canal surface for penetration of other medicaments used in endodontic therapy, by more completely cleaning the canal and opening dentinal tubules.

### Contraindications

Do not use ProLube root canal conditioner outside of the root canal system or on soft tissues. Immediately wash skin with soap and water after contact or flush eyes if contact occurs.

### Warnings:

ProLube root canal conditioner is packaged in single-unit dose applicators with a special applicator tip for depositing, at work site/orifice only. Do not inject material under pressure into the canal.

1. Carbamide Peroxide and EDTA should not be applied to tissue outside of the Root Canal such as mucosa or skin. Wash skin with soap and water after contact.
2. ProLube root canal conditioner should extrude easily; DO NOT USE EXCESSIVE FORCE.
3. A single-unit dose of ProLube root canal conditioner is designed to be used during approximately one endodontic case (tooth) with multiple canals. Discard unit dose applicators after each use to avoid cross contamination.
4. Do not take internally.

### Precautions:

The viscosity of ProLube root canal conditioner is affected by storage conditions. If a more viscous or thicker consistency is desired, store in a refrigerator.

### Adverse Reactions:

None known when used as indicated.

## STEP BY STEP INSTRUCTIONS

1. Open the pulp chamber in the usual manner and obtain adequate access to the root canal or canals.
  2. Remove the pulp and flush canal with sodium hypochlorite solution.
  3. Dispense ProLube root canal conditioner directly from the unit dose applicator in and around the canal orifice.
- OR
- Dispense ProLube root canal conditioner from the applicator to a dappen dish and carry to the canal by coating a small hand file.
4. The sodium hypochlorite will react with the ProLube root canal conditioner and begin to effervesce or bubble.  
**PLEASE TAKE NOTE OF THE BUBBLING REACTION**
  5. Using a small hand file, explore the canal, mixing the ProLube root canal conditioner and sodium hypochlorite.
  6. Gently irrigate and evacuate with sodium hypochlorite.
  7. Coat the first file in the rotary file technique with ProLube root canal conditioner and use to desired depth. ProLube root canal conditioner will now act as a file lubricant while instrumenting the canal with a rotary instrument.
  8. Repeat step 7 for each step in the crown-down technique sequence until canal shaping and cleaning is completed. NOTE: Irrigate and evacuate using sodium hypochlorite to remove ProLube root canal conditioner mixture and dentinal debris from canal after every 2 files in the rotary file sequence.
  9. Once shaping is completed, thoroughly flush and evacuate canal using H<sub>2</sub>O to remove all irrigants. Dry canal and obturate.

### Storage and Shelf Life

ProLube root canal conditioner can be refrigerated to maintain viscosity. Otherwise, product can be stored at room temperature. Do not expose ProLube root canal conditioner to temperatures exceeding 50°C/122°F.

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