# Instructions For Use

FirstPlug® is a screw channel barrier for implant-supported restorations. It is intended to facilitate the removal of the retaining screw by excluding the overlying restorative filling from the screw head recess and screw channel. The material is supplied non-sterile in the dispensing container. A desired amount of material is cut into individual pieces and then sterilized in a dental autoclave prior to use.

## FirstPlug®

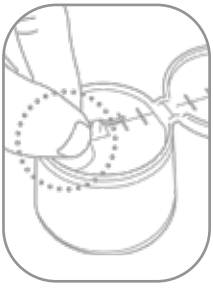
is made of PTFE (expanded polytetrafluoroethylene). The shape and mechanical properties have been optimized to allow for efficient placement and removal. When properly placed and condensed, the material has sufficient stiffness to support the overlying restorative filling material (composite resin, amalgam, or ceramic). It is also indicated as a screw channel barrier for the implant-supported hybrid restorations and implant-supported bar type substructures.

***Contraindications***
**Do not use if there is a known allergy or sensitivity to PTFE.***

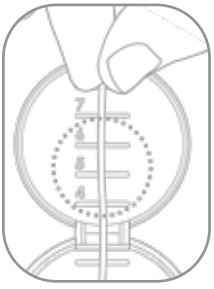
## 1 Guide To Parts

**Thumb latch to open**

**Finger recess to grab material**



**Top measuring strip (cm)**

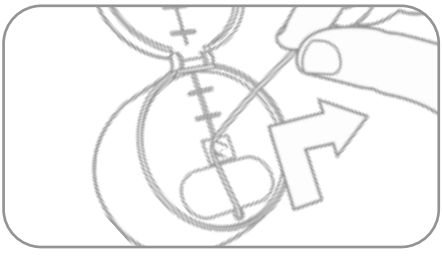


**Pull to side to use cutting blade**

Containers can be cleaned with standard surface disinfectant

## 2 Preparation

**A Cut pieces of material and place in a sterilization pouch.**



• Use cutting blade and length markings.

**a Recommended Material Length Table**

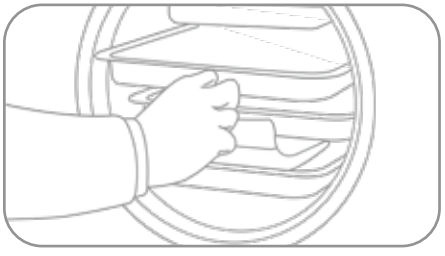
| Channel Depth | FirstPlug Length |
|---|---|
| < 5 mm | 2 cm |
| 5 - 10 mm | 6 cm |
| > 10 mm | 8 cm |

• PTFE Qty. 210 cm

**B Place cut material into autoclave sterilization pouches.**

•One or more pieces can be inserted per pouch.

**C Sterilize sealed pouches in steam autoclave.**



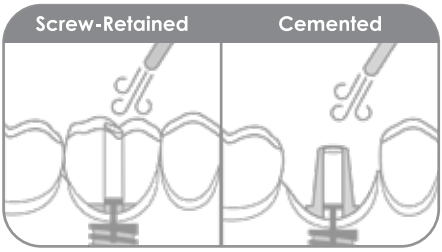
• Material will shrink during sterilization.
• Store sealed sterilized pouches until needed.

***Not compatible with a chemiclave sterilization***

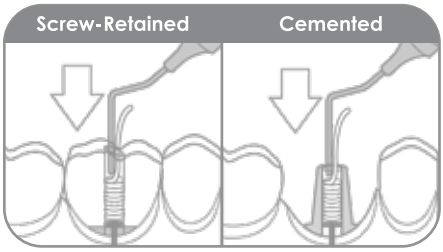
35NEWTONS®
Tacoma, WA
2020-11-01 REF FP-001
PTFE material
MADE IN USA
assembled in China
Pat. US20119015120 6A1

## 3 Placement of FirstPlug®

**A** After restoration is seated and secured, clean channel and dry with air syringe

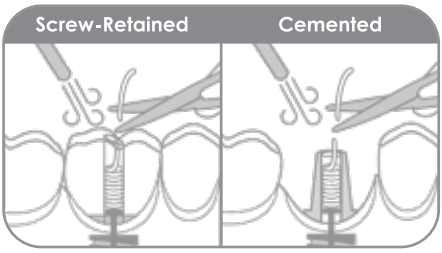



**B** Hold one end using cotton pliers. Using the Barrier Plugger™ or condenser, push into channel.

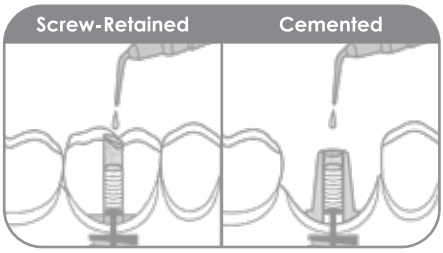



- Allow 2-3 mm space for filling material.
- Fill channel.
- One or more pieces can be used.

**C** Trim excess material using scissors. Dry cavity with air syringe.

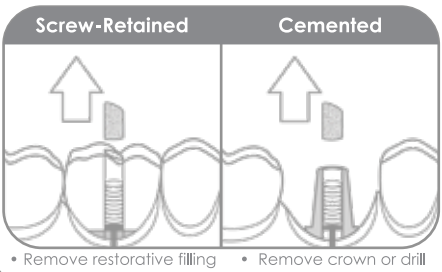



**D** Complete restorative filling process using standard protocols.



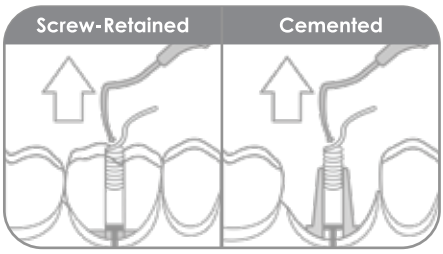

## 4 Removal of FirstPlug®

**A** Expose the screw access channel using standard protocols.




- Remove restorative filling material.
- Remove crown or drill through restoration.

**B** Using the Barrier Excavator™ or curette, pull out FirstPlug® material from channel.




## 5 Instruments

**A** Barrier Plugger™

**B** Barrier Excavator™

Purchase at: **www.35Newtons.com**

## 6 Symbol Guide

Federal law restricts this device to sale by or on order of a dentist.