

Side A (Front)

FirstPlug®
Screw Channel Barrier

35NEWTONS®

Alpha 2.0 Instructions for use

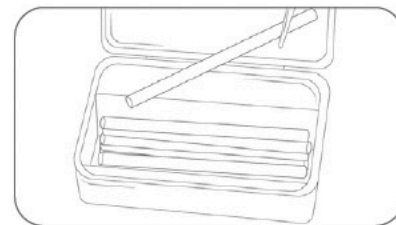
FirstPlug Alpha - 2.0 is a screw channel barrier for implant-supported restorations. It is intended to protect the screw head from the overlying restorative filling or cement. The desired length of material can be pre-cut and condensed into the screw channel. The material is supplied non-sterile. If desired, it can be sterilized in the dental steam autoclave prior to use.

FirstPlug Alpha - 2.0 is made of PTFE (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).

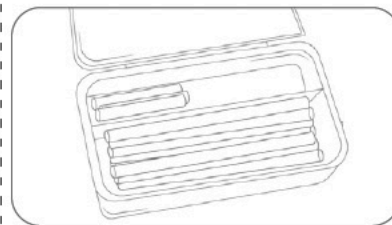
Contraindications: Do not use if there is a known allergy or sensitivity to PTFE.

1 Guide to storage container

Use cotton pliers to pick up FirstPlug material.



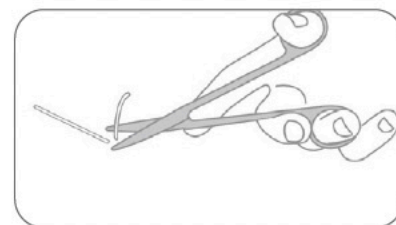
Store pre-cut pieces in the smaller compartment of the container.



Container can be cleaned with standard surface disinfectant

2 Preparation

A Cut material to the desired length. Use directly in the screw channel or if preferred, sterilize following instructions in B and C.



Use SHARP scissors for efficiency

G Recommended material length below:

| Channel Depth | FirstPlug Length |
|---------------|------------------|
| <5 mm | 1 cm |
| 5-10 mm | 3 cm |
| 10-15 mm | 4 cm |

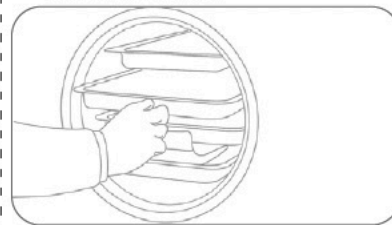
PTFE Qty. 50 x 6 cm

B Place cut material into autoclave sterilization pouches.



One or more pieces can be inserted per pouch.

C Sterilize sealed pouches in steam autoclave.



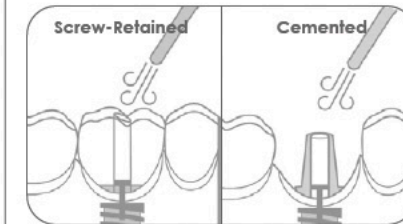
Material will shrink during sterilization. Store sealed sterilized pouches until needed. **Not compatible with a chemiclave sterilization.**

IFU-A20-001 Rev A

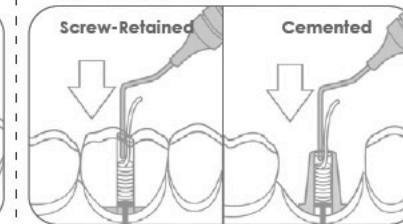
Side B (Back)

3 Placement of FirstPlug®

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

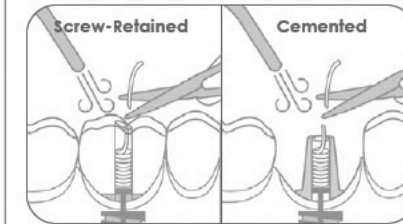


B Hold one end using cotton pliers. Using Barrier Plugger™ condense into screw channel.

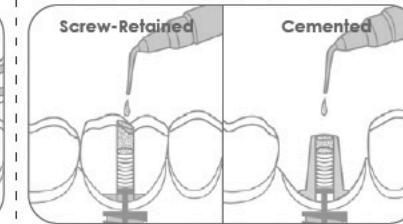


Allow 2-3 mm space for filling material. Fill channel. One or more pieces can be used.

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

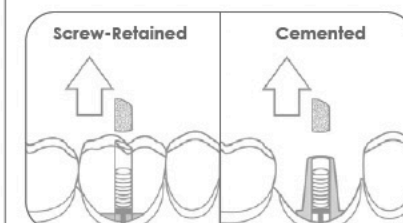


D Complete restorative filling process using standard protocols.

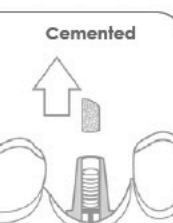


4 Removal of FirstPlug®

A Expose the screw access channel using standard protocols.

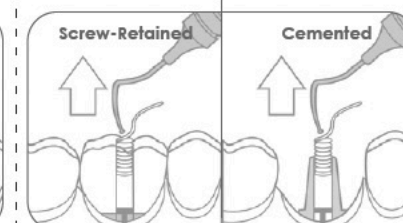


Remove restorative filling material.



Remove crown or drill through restoration.

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



5 Instruments



Barrier Plugger™



Barrier Excavator™

Instruments by 35Newtons®

6 Symbol guide



Rx Only