

FirstPlug® System

The management of screw channels is critical in the lifecycle of an implant restoration and existing options present many limitations.

FirstPlug® is a medical-grade PTFE (expanded polytetrafluoroethylene) 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; a desired amount of material is cut into individual pieces and then placed directly into the screw channel or sterilized in the dental autoclave prior to use.

Material selection for covering implant abutment screws is important to limit leakage, which has been shown to negatively impact peri-implant tissues. FirstPlug is the ideal barrier material, providing a good seal to limit leakage, is pliable, biologically inert, and easily retrievable. With every detail engineered to fit the clinical application, FirstPlug's cylindrically shaped plug seats easily in the screw channel without rolling or twisting; the patented medical-grade PTFE has the right compression characteristics for packing and sealing the screw access chamber, as well as sufficient stiffness to support the overlying restorative materials. The material is also biocompatible and hydrophobic.

- FirstPlug's medical-grade properties are superior to commonly used materials and have been optimized for safe and efficient use in the dental office.
- Made of PTFE that's manufactured in the U.S.A., the FirstPlug system is manufactured, assembled, and packaged under strict medical device protocols and quality systems.
- Efficient dispensing system saves chair time.
- Easy to pack and remove.
- Dense and strong material; provides a solid foundation for the overlying restorative material.
- Avoids waste.
- Medical grade material inspires confidence in safety and quality.
- Dedicated placement and removal instruments.



“ 100% of dentists who tried FirstPlug said they would use it in their own mouth should they require a dental implant restoration. ”

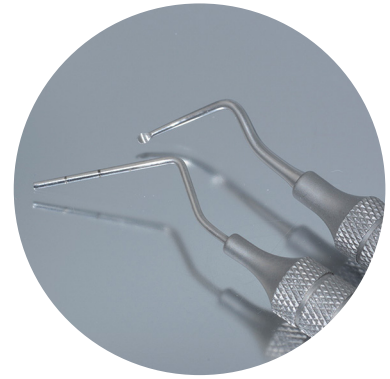
– 35Newtons FirstPlug Screen Channel Barrier, Product Debut, Implant Practice



FirstPlug Instruments

The accompanying instrument set includes:

- Barrier Plugger™ for efficient packing of the PTFE plug.
- Barrier Excavator™ for efficient removal when uncovering a new screw to remove temporaries or to replace a restoration.



FirstPlug vs. Alternative Method



FirstPlug®

VS



Thread tape



At Its Core

FDA Registered Medical Device

FDA Defines its Use as "Adulteration"

Biocompatible & Safe for Patients

Contaminants, Impurities, Pigments

Made & Assembled in a Clean Room

Made in Unregulated Facilities

Strict Quality System Controls

Industrial Manufacturing



In Practice

Optimized for Dental Implant

Optimized for Pipes & Plumbing

Easy Placement & Removal

Used Without Consent of Patient

Saves Chairtime

Poor Efficiency

Medical Grade PTFE

Risk of Liability



Scan to watch
FirstPlug Dental
Implant Screw
Channel Barrier

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|---|--------|
| FIRSTPLUG SCREW CHANNEL BARRIER 210 cm or 50-60 applications | 115000 |
| FIRSTPLUG BARRIER PLUGGER INSTRUMENT | 115002 |
| FIRSTPLUG BARRIER EXCAVATOR INSTRUMENT | 115003 |