

First Quarter[™] F.S. (Fast Setting)

RxOnly

INSTRUCTIONS

PRODUCT DESCRIPTION

First Quarter F.S.[™] is a Vinyl Polysiloxane chemistry impression material intended to allow dentists to take accurate impressions of all types of tooth structures for various purposes, such as crown and bridge, implantology, etc. First Quarter F.S. is odorless, tasteless and immiscible in disinfectants. It offers dimensional stability, tear resistance, and accuracy of impression. First Quarter FS materials are compatible with all other vinyl polysiloxane materials.

INDICATIONS

First Quarter F.S. is an additional-cure vinyl polysiloxane dental impression material that is used for all crown and bridges, edentulous and implant techniques.

MIXING INSTRUCTIONS - CARTRIDGE

1. Insert cartridge into an appropriate 1:1 mixing, remove twist-off cap, and extrude a small amount of material until even flow from both barrels is seen. Discard the dispensed material and wipe the cartridge end clean with tissue, avoiding cross contamination of the barrels.
2. Attach the automix tip of the desired size. The material is now ready to use.
3. After use, do not remove the automix tip. The used tip serves as a seal until removed for the next use.

CLOSED BITE IMPRESSIONS

The triple tray or closed bite impression is an efficient and accurate method to make an impression and establish bite registration.

1. Tray Selection:

- Anterior - Anterior Triple Tray
- Posterior - Side less Triple Tray

Avoid rimmed posterior trays as they potentially induce distortions.

2. Technique:

An impression should be taken using two viscosities simultaneously: Monophase F.S. in the tray for dimensional stability and a wash of Light Body F.S. for detail. Generally one person loads the tray while the second person syringes onto the tooth. The key to this procedure is to syringe Light Body F.S. onto clean, dry teeth, then blow with air until only a thin film remains. If a blank area remains, dry, syringe, and blow again, until only the thin film remains. Add Light Body F.S. to cover tooth, then seat tray.

Have patient close onto a tray of Monophase F.S. and guide patient into a CO closure. It is important to rehearse the proper closure beforehand. **NOTE:** Putty should never be used for this procedure. It is too viscous, and induces elastic distortion.

It is critical that the Monophase F.S. be seated in the mouth before any elasticity develops. If additional working time is needed we recommend Start VPS in the normal set times. Heavy Body and Light Body Start VPS would be ideal.

SEPARATE FULL ARCH “PUTTY/WASH” IMPRESSIONS

(Use Light Body F.S. and Putty)

Creating accurate impressions using putty requires a dual set technique. Here, the putty is allowed to fully polymerize in the metal or plastic stock tray before the wash step. **NOTE:** When using a custom tray made from a preliminary impression, use adhesive on the tray and allow to dry for 5 minutes. Light Body F.S. with the needle tip added to the mix tip is ideal.

1. Before cutting the prep, make a putty impression, leaving room around the teeth for the wash. Leaving a space for the wash is achieved by simply placing a plastic film (such as a section of a baggie or Reynolds Wrap) over the putty before seating the tray. **IMPORTANT:** Some plastic wraps will inhibit the set; test before use.

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2. Seat the tray with the putty, let polymerize, then remove tray and await prep.
3. Use Light Body F.S. to take the final impression. Remove plastic film from the tray. Syringe Light Body F.S. onto clean dry teeth. Blow off with air until only a thin film remains. Repeat to cover any blank spots. The needle attachment for the small mixing tip is very handy for inlay, onlay and deep margins.
4. Syringe Light Body F.S. into putty impression and seat.
5. Remove after polymerization, wash and dry. **IMPORTANT:** Avoid simultaneous putty/wash set as putty is elastic and may cause distortion.

MONOPHASE IMPRESSION (USE MONOPHASE F.S.)

Single material impressions can be used where Light Body F.S is not required for high flow. Monophase F.S. has a rapid set and fine texture, and is an ideal material to use for simple closed bite impressions as well as a preliminary for TurboTemp™ temporary crown and bridge material.

1. Syringe Monophase F.S. around clean, dry teeth. Syringe additional Monophase F.S. into sideless tray.
2. Have the patient close until polymerized. Remove, wash and dry.

ADDITIONAL NOTES:

- First Quarter F.S. materials should be brought to room temperature prior to use. Exposure to prolonged temperatures above 77°F can be damaging. Store at room temperature.
- First Quarter FS materials are compatible with all other vinyl polysiloxane materials.
- Some gloves and particularly some powdered gloves can impair set. A sample test with a small amount is suggested. Keep putty jars closed when not in use.
- High viscosity materials used alone are not suitable for detailed impressions.
- Light Body F.S. impression materials used alone can flex excessively and may result in distortion.
- Procedures and techniques prepared courtesy of Raymond Bertolotti, DDS, PhD. For further information, please contact 5th Quarter Seminars at (510) 483-2411, FAX (510) 652-8729. www.adhesion.com

DEFINITIONS OF SYMBOLS

The following symbols may appear on the product packaging or labeling.

Symbol	Definition	Symbol	Definition
	Reference number		Lot number
	Use by		Manufacturer
RxOnly	Caution: Federal law restricts this device to sale by or on the order of a dentist.		European Community Authorized Representative
	European Mark of Conformity		Consult instructions for use
	Upper limit of temperature		Keep away from sunlight

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30175 Hannover
Germany



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