

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

Start VPS™

RxOnly

INSTRUCTIONS

PRODUCT DESCRIPTION

Start VPS™ 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. Start VPS is odorless, tasteless and immersible in disinfectants. It offers dimensional stability, tear resistance, and accuracy of impression. Start VPS materials are compatible with all other vinyl polysiloxane materials.

INDICATIONS

Start VPS is an additional-cure vinyl polysiloxane dental impression material that is used for all crown and bridges, edentulous and implant techniques.

Start VPS	Color	Working Time At 72°F	Setting Time At 72°F
Light Body	Magenta	2.5 Minutes	4.5 Minutes
Heavy Flex	Dark Blue	2.5 Minutes	4.5 Minutes
Heavy Stiff Bite	Light Blue	20 Seconds	50 Seconds
Vanilla Flavored Stiff Bite	Off White	20 Seconds	50 Seconds
Clear Bite	Clear	25 Seconds	90 Seconds
Putty	Green	1.5 Minutes	4.5 Minutes
Ultra Light	Green	2.5 Minutes	4.5 Minutes
Ultra Heavy	Yellow	2.5 Minutes	4.5 Minutes
Alphabite	Light Blue	30 Seconds	60 Seconds
Noginate	Tan	90 Seconds	2.5 Minutes

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ZD ZEST DENTAL
SOLUTIONS

MIXING INSTRUCTIONS - CARTRIDGE

1. Insert cartridge into gun, remove twist-off cap, and extrude a 1/4 inch of material, while checking for even flow. Discard the dispensed material and wipe end of cartridge clean.
2. Attach an automix tip and squeeze the cartridge handle with smooth, even pressure.
3. Do not remove the automix tip after use. The used tip serves as a convenient seal until next use.

MIXING INSTRUCTIONS - PUTTY

1. Scoop equal amounts of the putty and catalyst from their respective jars. Two scoops are provided.
2. Mix (kneading by hands) until an even, streak free color is obtained (approximately 45 seconds).

Note: Powder from glove surfaces can inhibit setting.

CLOSED BITE IMPRESSIONS (Use Light Body and Heavy Flex or Light Body Fast and Monophase)

1. Select an appropriate tray such as Premier Triple Tray. (**Technique Tip:** *It is best to avoid metal trays "bite trays" if a second pour is made in the laboratory. Metal trays tend to distort when the lab pries the first cast out of the impression, precluding an accurate second pour.*)
2. The impression should be taken using two viscosities simultaneously: Heavy Body Flex (or Monophase) in the tray for dimensional stability and a wash of Light Body or Light Body Fast for detail. The key to this procedure is to syringe Light Body (or Light Body Fast) onto clean, dry teeth, then blow thin 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 or Light Body Fast to cover tooth, then seat tray.
3. Have patient close onto a tray of Heavy Flex (or Monophase) 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.
4. Water wash and dry the impression after removal from the mouth.

SEPARATE FULL ARCH "PUTTY/WASH" IMPRESSIONS

(Use Light Body or Light Body Fast and Putty)

Creating accurate impressions using putty requires a dual set technique. 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. Putty is not needed and Light Body or Light Body Fast is all that is needed.

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.
2. Seat the tray with the putty, let polymerize, then remove tray and await prep.

3. Use Light Body or Light Body Fast to take the final impression. Remove plastic film from the tray. Syringe Light Body or Light Body Fast 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 or Light Body Fast 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)

Single material impressions can be used where Light Body is not required for high flow. Monophase 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 Turbo Temp™ temporary crown and bridge material.

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

SEPARATE FULL ARCH DUAL VISCOSITY IMPRESSION

(Use Ultra Light and Ultra Heavy)

1. Apply a thin layer of tray adhesive and allow it to dry at least 5 minutes.
2. Automix. Using a cartridge of Ultra Heavy and a cartridge of Ultra Light, bleed a small amount of material from each syringe and discard. Attach a mixing tip to each cartridge and mix simultaneously. Fill the tray with the Ultra Heavy material and either front-load an intraoral syringe with the Ultra Light material or attach the intraoral tip and inject directly around the clean, dry preparations. The working time is 2 minutes 30 seconds.
3. Slowly but firmly seat the tray in the mouth.
4. After 4 minutes and 30 seconds from the start of the mix, remove the tray from the mouth.

BITE REGISTRATION (Use Heavy Stiff Bite or Clear Bite)

Start VPS Heavy Stiff Bite and Clear Bite are dimensionally very stable. Use where flexibility is not required.

ADDITIONAL NOTES

- Start VPS materials should be brought to room temperature prior to use. Exposure to prolonged temperatures above 77°F can be damaging. Store at room temperature.
- Start VPS materials are compatible with all other vinyl polysiloxane materials.
- Powder from gloves can impair set. Sample test is suggested. Keep putty jars closed when not in use.
- High viscosity materials used alone are not suitable for detailed impressions.
- Light Body Black 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.
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