



90 Second Blue Velvet®
30 Second Blue Velvet®

90 Second Flexi-Velvet®
30 Second Flexi-Velvet®

90 Second SnoWhite™
30 Second SnoWhite™

Single Phase™
Final Wash™

Instructions For Use

English	VINYL POLYSILOXANE IMPRESSION MATERIALS
Français	MATERIAU D'EMPREINTE POLYVINYL SILOXANE
Deutsch	POLYVINYL SILOXAN ABFORMMATERIAL
Italiano	MATERIALI DA IMPRONTA DI POLIVINILSILOSSANO
Português	MATERIAIS DE IMPRESSÃO DE VINIL POLISILOXANO
Español	MATERIALES DE IMPRESIÓN DE VINILO POLISILOXANO

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Thank you for purchasing Perfectim® Systems Vinyl Polysiloxane Impression Materials. PLEASE READ INSTRUCTIONS BEFORE USE and keep this manual nearby for ready reference.

Product Description

Perfectim Systems Impression Materials are vinyl polysiloxane based and are sold in cartridges for use with a handheld automatic dispensing device. PERFECTIM Putty type impression material is sold in jars with color coded measuring scoops for dispensing material onto a mixing pad. Materials conform to ADA Spec. 19 and ISO Spec. 4823-1992.

Indications

Perfectim Systems Impression Materials are ideally suited for obtaining impressions of teeth and soft tissues for fabrication of crowns; full or partial dentures; direct or indirect inlays, onlays or veneers; or relining dentures. Please refer to the product selection chart for recommendations on the type of PERFECTIM Systems Impression Materials to use with specific procedures. For detailed information on the Hydraulic and Hydrophobic Impression Taking Technique (H&H Impression Taking Technique) developed for use with Blue Velvet and Flexi-Velvet impression materials, please contact J. Morita USA, Inc., or J. Morita Europe GmbH.

Important

Instructions and recommendations for product use are based upon current knowledge in dentistry and should not be considered binding. The data and information supplied does not indicate any warranty or representation. Use and application of the product is the responsibility of the user. We disclaim all liability relating to the use of this material since it is beyond our control.

CAUTION: Federal law (U.S.A.) restricts this material to sale by or on the order of a dentist or licensed professional as specified by the law of the state of licensure in which he or she practices to use or order the use of the material.

Specifications

PERFECTIM Systems impression materials exhibit physical properties and handling characteristics to suit a variety of impression taking techniques. Use the following charts to choose the working and setting times that best suit your needs for the procedure you are performing.

Shelf Life

Two years from date of manufacture for all PERFECTIM products. Do not use after the expiration date.

Compatibility

All products are compatible with silver or copper plating. Contamination from other dental materials can interfere with the setting time of vinyl polysiloxane, such as, latex gloves that contact teeth or tissues at the working area, contact with amines from newly placed composite resins, dental wax residue on the tooth surface, or sulfur containing gingival retraction cord. Any agent that acts as a separating medium, such as oil or grease, will prevent the impression materials from bonding together. Check air and water syringes for possible contamination with oil. Materials are incompatible with sulfur compounds.

Storage

Store in environment of 38-73°F (3-23°C) and 50% relative humidity or less. Check the storage temperature of impression materials prior to use. Published working and setting times are established in temperatures between 65-73°F (18-23°C). Higher temperatures shorten these times, lower temperatures lengthen them.

All Perfectim Systems Impression Materials are radiopaque.

PRODUCT

Working Time
Setting Time
Durometer

90 Second Blue Velvet®	30 Second Blue Velvet®	90 Second Flexi-Velvet®	30 Second Flexi-Velvet®	90 Second SnoWhite™	30 Second SnoWhite™	Single Phase Body™	Final Wash™
90 Sec.	30 Sec.	90 Sec.	30 Sec.	90 Sec.	30 Sec.	2.5 Min.	2.5 Min.
2 Min.	60 Sec.	2 Min.	60 Sec.	2 Min.	60 Sec.	2.5 Min.	2.5 Min.
80	80	50	50	50	50	60	50

PROCEDURE

Match your procedure and preferred working and setting times with the appropriate impression material.

<ul style="list-style-type: none"> Crown & Bridge Full or Partial Dentures with FAST WORK/SET 	1		2		2		
<ul style="list-style-type: none"> Crown & Bridge Full or Partial Dentures with SLOW WORK/SET 	1		2		2		2
<ul style="list-style-type: none"> Bite Registration with FAST WORK/SET 		3					
<ul style="list-style-type: none"> Bite Registration with SLOW WORK/SET 	3						
<ul style="list-style-type: none"> Crown & Bridge with SINGLE PHASE 						3	
<ul style="list-style-type: none"> Denture Reline 			2		2		
<ul style="list-style-type: none"> Customize a Stock Tray 	3						

Chart legend: 1 = first step, 2 = second step, 3 = single step

For some procedures you may have several choices of materials.

Working times are for product stored at ambient temperatures of 73° F / 23° C. Higher temperatures will shorten while lower temperatures will lengthen working time.

The specified Intra Oral Set times are the minimum time the material should remain in the mouth based on an oral temperature of 93° F / 34° C.

How to use PERFECTIM® Systems Impression Material cartridges with the cartridge dispensing gun

1. Choose the PERFECTIM Impression Materials that suit your preferred working and setting times for the procedure you will perform. Refer to the Product Selection Chart in this booklet. Have ready the impression material cartridges, cartridge dispensing gun, mixing tips, and impression tray(s) of your choice. PRECAUTION: If using Blue Velvet® or Putty material with a rigid stock tray, it is essential to block out undercuts that will be created by the rim of the tray. This will facilitate easy removal of the impression from the mouth.
2. Place the cartridge into the dispensing gun retainer. Remove the protective cap from the cartridge channel openings.
3. Test the flow of material from both cartridge channels by compressing the dispensing gun handle. When material flows evenly from both channels, wipe excess material from the cartridge opening with a paper towel or tissue.
4. Select a mixing tip. Match the notch on the mixing tip to the groove on the cartridge. Push and rotate the tip clockwise 90° until it is locked into position. Attach an intraoral tip onto the mixing tip if you will be dispensing material directly into the sulcus.
5. Extrude the impression material through the mixing tip. Direct the flow of material onto the prepared impression tray; directly onto the prepared teeth or sulcus; or into the back end of an impression syringe according to the technique chosen for impression taking.
6. Keep the mixing tip immersed in the impression material during extrusion to avoid air bubbles.
7. Seat the impression firmly in the mouth. Hold it in place in a passive manner until completely set. See Specifications Chart for setting times.
8. After the impression is set and removed from the mouth, rinse it with cold running water. Dry the impression before disinfecting. Disinfect by immersing impressions in a disinfecting solution, according to manufacturers' instructions. Impressions are to be rinsed with cold water and dried after disinfection. Die stone models can be poured immediately, and up to 14 days, after impression taking.
9. When the procedure is complete, keep the mixing tip on the cartridge. Do not replace the mixing tip until the cartridge is ready to be used again. This seals the cartridge, and prevents cross contamination of the base and catalyst.
10. Disinfect the mixing tip after use by wiping it with disinfectant. Release the cartridge from the dispensing gun. Store the cartridge with the mixing tip attached.

Ordering Information for PERFECTIM® Systems Impression Materials and Accessories

Item Number	Product Description
<u>Cartridge Kits — Each kit contains(3) 50 ml cartridges and 12 mixing tips</u>	
21-300-550	90 Second Blue Velvet®
21-300-500	30 Second Blue Velvet®
21-300-650	90 Second Flexi -Velvet®
21-300-625	30 Second Flexi-Velvet®
21-300-700	Single Phase™
21-300-800	Final Wash™
21-300-950	90 Second SnoWhite™
21-300-925	30 Second SnoWhite™

Putty Type — Each kit contains 400g each jar of base and catalyst and 2 measuring scoops

21-300-050	Putty Type Impression Material
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Accessories

21-300-015	Cartridge dispensing gun
21-300-044	Mixing tips (large) for Blue Velvet and Single Phase cartridges (12/pkg)
21-300-047	Mixing tips (small) for Flexi-Velvet, SnoWhite and Final Wash cartridges (12/pkg)
21-300-045	Intraoral tips (100/pkg.)

To place an order call 1-800-831-3222. For dental dealer sales and support call 1-877-J MORITA (1-877-566-7482). For technical questions and support call 1-800-818-7788. Distributed in Europe by J. Morita Europe GmbH. Phone: +49-6074-836-0 Fax: +49-6074-836-299 Email: info@jmoritaeurope.de