


# Imprint™ II

*Impression Materials*



Easy to Use



Accurate



Reliable

**3M** ESPE



*Perfectly homogeneous  
and void-free impressions.*

## 3M™ ESPE™ Imprint™ II Impression Materials

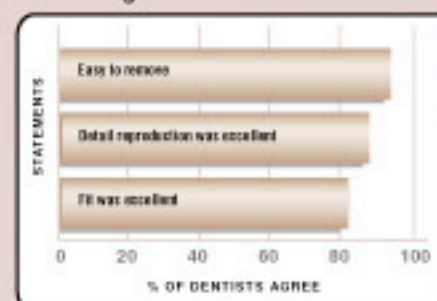
*Quality materials for every impression you create. 3M ESPE offers a full line of impression materials designed to meet all your needs. Our easy-to-use Imprint II impression materials provide optimal working times and setting times to accommodate a wide range of procedures.*

## When accuracy counts, count on 3M ESPE

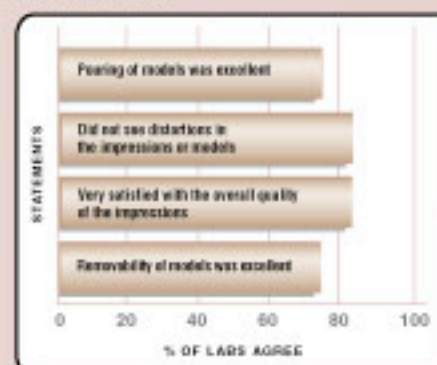
Imprint II™ vinyl polysiloxane (VPS) impression materials from 3M ESPE are designed to provide you with the highest level of accuracy possible. They offer features you can count on to produce consistently excellent results.

- Accurate results for better fitting prosthesis while reducing the need for remakes and adjustments
- Excellent detail reproduction
- Does not drip or slump
- Hydrophilic
- Excellent recovery from deformation
- Excellent tear resistance
- Stable in disinfectant solutions

### Dentists Agree



### Lab Feedback



3M™ ESPE™ Imprint™ II Penta™ Heavy Body Impression Material field evaluation data.

## Broad range to meet your technique preference

MATERIAL			INDICATION					
Vinyl Polysiloxane Impression Material			C&B WORK	INLAY/ ONLAY	FUNCTIONAL	IMPLANT/ FIXATION	ALGINATE INDICATIONS	BITE REGISTRATION
Monophase technique	Imprint™ II Monophase	Oral Working Time . . . . .	1:00	•	•	•	•	
		Oral Set Time . . . . .	4:00					
One-step/ two viscosity technique	Imprint™ II Penta™ Heavy Body	Room Temp. Working Time Heavy Body . . . . .	2:00	•	•	•		
		Oral Set Time . . . . .	4:00					
One-step/ two viscosity technique	Imprint™ II Garant™ Heavy Body/ Light Body	Oral Working Time Light Body . . . . .	1:00	•	•	•		
		Room Temp. Working Time Heavy Body . . . . .	2:00					
		Oral Set Time . . . . .	4:00					
One-step/ two viscosity fast set technique	Imprint™ II Quick Step Heavy Body/ Light Body	Oral Working Time Light Body . . . . .	0:40	•	•	•		
		Room Temp. Working Time Heavy Body . . . . .	1:15					
		Oral Set Time . . . . .	2:30					
Putty/Wash Two-step/ two viscosity technique	Express™ Light Body Fast Set	Oral Working Time Light Body . . . . .	0:30	•	•	•		
		Oral Set Time . . . . .	3:30					
		Room Temp. Working Time Putty . . . . .	1:00					
One-step/ two viscosity technique	Express™ Light Body Regular Set	Oral Working Time Light Body . . . . .	1:00	•	•	•		
		Oral Set Time . . . . .	5:00					
		Room Temp. Working Time Putty . . . . .	1:00					
One-step/ two viscosity technique	Express™ Regular Body Regular Set	Oral Working Time Light Body . . . . .	1:00	•	•	•		
		Oral Set Time . . . . .	5:00					
		Room Temp. Working Time Putty . . . . .	1:00					
Bite registration	Imprint™ Bite	Oral Working Time . . . . .	20 seconds					•
		Oral Set Time . . . . .	1:00					



## 3M<sup>®</sup> ESPE<sup>®</sup> Imprint<sup>™</sup> II Penta<sup>™</sup> Heavy Body Impression Material

### CONVENIENCE AND CONFIDENCE FROM AN AUTOMIX DELIVERY SYSTEM.

Deliver the high accuracy of Imprint II Penta heavy body impression material with confidence from this precision system. Get a void-free, homogeneous mix that's delivered in just the amount needed with fast, clean and safe push button activation. The hygienic, direct filling of trays and syringes reduces the risk of cross-contamination. Imprint II Penta heavy body impression material also blends well with Imprint<sup>™</sup> II Garant<sup>™</sup> Light/Regular Body Impression Materials from 3M ESPE. It's great for impressions involving one or multiple units.

### Imprint II Penta Heavy Body Impression Material

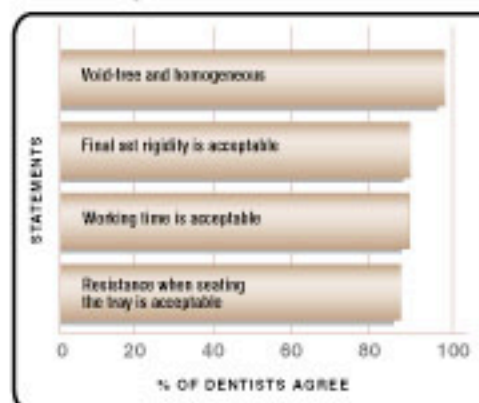
- Heavy body impression material available in Pentamix<sup>™</sup> Mixing Unit or Garant<sup>™</sup> Dispenser from 3M ESPE
- Rated by 85% of dentists as the same as or better than their current heavy body impression material\*
- Dentist satisfaction rating of 90%\*
- Void-free and homogeneous mix when used with Pentamix mixing unit
- Does not drip or slump
- Easy removal from mouth
- Hydrophilic
- Acceptable resistance force when seating the tray
- Acceptable final set rigidity
- Room-temperature working time of 2 minutes
- 4-minute setting time
- 30-minute minimum stone model pour time

\* April 2002 VPS Impression Material Field Evaluation, The Marketing Solutions Group, Inc.



- **Imprint II Penta Heavy Body Impression Material (mauve).** This easy-to-remove impression material provides excellent rigidity and detail reproduction which results in an excellent final restoration.

### Dentists Agree



3M<sup>®</sup> ESPE<sup>®</sup> Imprint<sup>™</sup> II Penta<sup>™</sup> Heavy Body Impression Material field evaluation data.

## 3M™ ESPE™ Imprint™ II Garant™ Heavy Body/ Light Body Impression Material

### AN EXCELLENT MULTI-PURPOSE SYSTEM THAT'S EASY TO USE.

Imprint II Garant HB/LB impression material is an ideal universal system for your dental practice. Comprised of a heavy body impression material and your choice of two light body materials. The system is easy to use and offers ample working time and an optimal setting time. It's great for impressions involving one or multiple units and for using quadrant, double-bite and full arch trays.

The light body impression material flows easily into the sulcus area, providing good marginal definition and a better overall impression. And since it's a complete auto-mix system, it's easier to dispense than other products and eliminates contamination concerns.

- Heavy body impression material available in the Pentamix™ Mixing Unit or Garant™ Dispenser
- Easy-to-remove final impression with excellent fit and detail reproduction
- Excellent blending and adhesion between light body and heavy body impression materials
- Hydrophilic
- No unpleasant taste or odor
- Automix system saves time
- Up to 1-minute oral working time to syringe the light body impression material
- Up to 2-minute working time to fill the tray with heavy body impression material
- 4-minute setting time

### Imprint II Garant Light Body and Imprint II Garant Regular Body Impression Material

- Light body material has excellent flow, does not drip and has good tear strength
- Easy-to-read margins
- Light body materials provide excellent detail reproduction
- Intraoral working time of 1 minute
- 4-minute setting time



- **Imprint II Garant Heavy Body Impression Material (purple).** Fluid enough to extrude easily through the Garant dispenser, yet provides excellent stability at tray seating.
- **Imprint II Garant Light Body Impression Material (yellow).** Offers high-flow consistency, yet is drip-resistant for better patient comfort and greater operator control.
- **Imprint II Garant Regular Body Impression Material (green).** This drip-resistant material yields a more controlled delivery from the dispensing system.



## 3M™ ESPE™ Imprint™ II Garant™ Quick Step Heavy Body/Light Body Impression Material

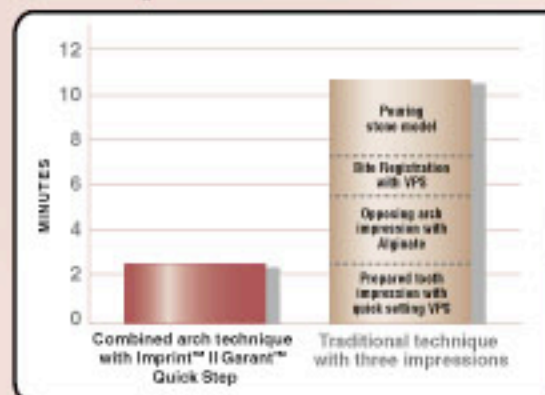
### SIMPLIFIES SINGLE-UNIT PROCEDURES TO IMPROVE PRODUCTIVITY.

This heavy body/light body system is designed to make quick procedures, such as single-unit crowns, much more efficient. The quick setting impression material is specially formulated to give you accurate results using a double-bite tray. It dispenses easily, requiring significantly less extrusion force than other quick-setting products.

Plus, since there's no need for an opposing arch impression or model, there's no need to take a separate bite registration. You'll save time, use less material and be far more productive with each procedure you do.

- Designed for double-bite trays
- Requires significantly less extrusion force than other quick-setting products
- No need for opposing arch impression, or to pour opposing arch model
- No need for separate bite registration
- Uses less material than full arch technique
- No unpleasant taste or odor
- 40-second oral working time
- 2-minute, 30-second setting time

#### Time Savings



3M™ ESPE™ Imprint™ II Pasta™ Heavy Body Impression Material field evaluation data.



- **Imprint II Garant Quick Step Heavy Body Impression Material (green).** Designed with a putty-like consistency for tray loading and a final set rigidity that's ideal for double-bite trays.
- **Imprint II Garant Quick Step Light Body Impression Material (orange).** A high-flow formulation that's drip-resistant for better patient comfort and operator control.
- **Imprint II Garant Quick Step Regular Body Impression Material (purple).** For dentists preferring a thicker, drip-resistant material for a more controlled delivery from the Garant dispenser.

## 3M™ ESPE™ Imprint™ II Garant™ Monophase Impression Material



### THE SMART CHOICE FOR SINGLE-PHASE IMPRESSIONS.

The Imprint II Garant monophase impression material is specifically designed for single-phase impressions of multiple units using custom, quadrant, double-bite or full arch trays. Its excellent handling properties provide enough rigidity to lend additional tray support while allowing flexibility for easy removal.

Since there's no need to use a separate light body material, you'll save time and reduce the number of materials you have to inventory. You'll also have less mix tip waste because only one tip is required per procedure.

- Designed for single-phase impressions of 1 to 4 units
- Excellent handling properties provide rigidity for tray support
- Excellent tear resistance allows for easy removal
- Easily separates from stone models
- No separate light body impression material required
- Fewer materials to inventory; less mix tip waste
- 1-minute oral working time
- 4-minute oral setting time

## 3M<sup>®</sup> ESPE<sup>®</sup> Imprint<sup>™</sup> Bite Registration Material

### THE 60-SECOND OCCLUSAL SYSTEM.

Imprint bite registration material offers a fast working time and a set time of one minute. So it's not only more comfortable for your patients, but also keeps your procedures moving quickly so you and your staff can be more productive.

The high Shore-A final hardness guarantees maximum dimensional stability and allows for easy trimming with a scalpel or bur. Plus, special additives ensure high stability in the unset state while preserving the best flow properties.

- Shore-A final hardness of 90
- Thixotropic properties
- 20-second oral working time
- 1-minute setting time
- Simple, convenient, automatic mixing with the Garant<sup>™</sup> Dispenser from 3M ESPE





## 3M™ ESPE™ Pentamix™ Mixing Unit

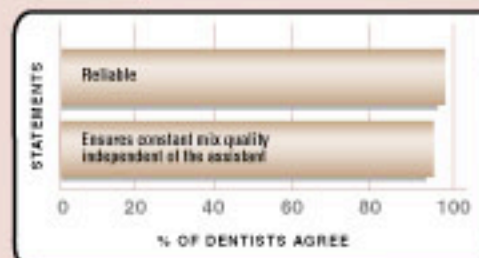
### AUTOMATIC MIXING AND DISPENSING AT THE TOUCH OF A BUTTON.

The Pentamix mixing unit automatically mixes and dispenses homogeneous, void-free impression material at the touch of a button. Just insert the foil bag into the Penta™ Cartridge and you're ready for fast, clean and safe mixing.

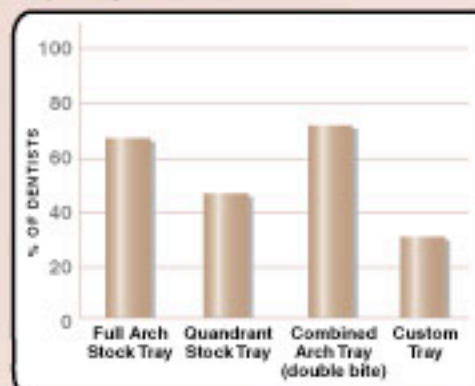


- Fully automatic
- Eliminates time required to manually open foil bags
- Direct tray filling is very hygienic; reduces the risk of cross-contamination
- Economical — dispenses only the amount of material needed
- Material quality reproducible at any time
- Reliable timing

#### Dentists Agree



#### Tray Usage



*3M™ ESPE™ Inprint™ II Penta™ Heavy Body Impression Material field evaluation data.*

## 3M™ ESPE™ Garant™ Dispenser

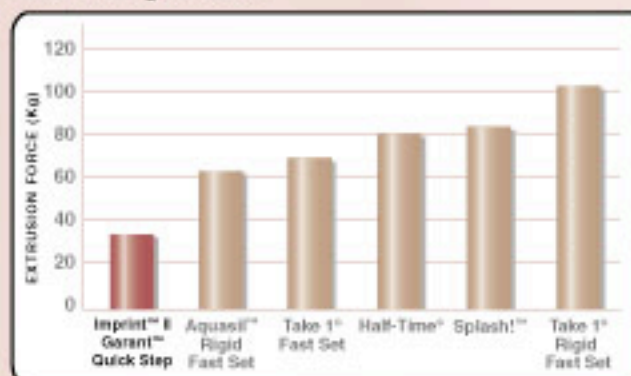
### EASIER, MORE POWERFUL DISPENSING.

This easy-to-use, auto-mix dispenser makes dispensing Imprint™ II Impression and Bite Registration Materials from 3M ESPE simple. Plus, it offers less mess and waste compared to hand-mixed systems — all while providing a consistent, bubble-free mix.

- Easily dispenses all Imprint II material viscosities; helps minimize hand fatigue
- 100% steam autoclavable for simplified and improved infection control
- Allows intraoral delivery directly from auto-mix tip



### Quick Setting Materials



3M™ ESPE™ Imprint™ II Garant™ Quick Step Material requires more than 48% less force to dispense than other impression materials.

3M™ ESPE™ Imprint™ II Penta™ Heavy Body Impression Material field evaluation data.

## Ordering Information

### Imprint™ II Penta™ Heavy Body Impression Material

ITEM NO.	DESCRIPTION	PACKAGE CONTENTS
9370P	Introductory Kit	1 Imprint II Penta Base paste – 300ml, 1 Imprint II Penta Catalyst – 60ml, 1 Imprint II Penta cartridge, 10 Penta Mixing Tips, 1 Imprint II Garant Light Body cartridge – 50ml, 1 Imprint II Garant Regular Body cartridge – 50ml, 10 Garant Mixing Tips (yellow), 10 Garant Intraoral Tips (yellow), 1 Garant Dispenser 1:1 / 2:1, 1 VPS Tray Adhesive, 1 Technique Guide, Imprint II Penta Instructions
9370PT	Trial Kit	1 Imprint II Penta Base paste – 300ml, 1 Imprint II Penta Catalyst – 60ml, 1 Imprint II Penta cartridge, 10 Penta Mixing Tips, 1 Technique Guide, Imprint II Penta Instructions
9371P	Refill Pack	2 Imprint II Penta Base pastes – 300ml, 2 Imprint II Penta Catalysts – 60ml, Imprint II Penta Instructions
77804	Refill Pack	1 Imprint II Penta Cartridge

### Imprint™ II Garant™ Heavy Body/Light Body Impression Material

ITEM NO.	DESCRIPTION	PACKAGE CONTENTS
9370	Introductory Kit	2 cartridges heavy body material – 96ml, 1 cartridge light body material – 50ml, 1 cartridge regular body material – 50ml, 1 bottle VPS tray adhesive – 17ml, 2 Garant dispensers, 10 Garant Mixing Tips (yellow), 10 Garant Mixing Tips (green), 10 Garant Intraoral Tips (yellow)
9371	Refill Pack Heavy Body Material (purple)	4 cartridges – 50ml, 10 Garant Mixing Tips (green)
9371J	Jumbo Pack Heavy Body Material (purple)	30 cartridges – 50ml, Mixing tips not included.
9372	Refill Pack Light Body Material (yellow)	4 cartridges – 50ml, 10 Garant Mixing Tips (yellow)
9373	Refill Pack Regular Body Material (green)	4 cartridges – 50ml, 10 Garant Mixing Tips (yellow)

### Imprint™ Bite Registration Material

ITEM NO.	DESCRIPTION	PACKAGE CONTENTS
36890	Standard Pack	2 cartridges – 50ml, 10 Garant Mixing Tips (green), 10 Garant Intraoral Tips (bite), 1 Garant dispenser, Technique guide
36890	Refill Pack	4 cartridges – 50ml, 20 Garant Mixing Tips (green), Instructions

### Imprint™ II Garant™ Quick Step Heavy Body/Light Body Impression Material

ITEM NO.	DESCRIPTION	PACKAGE CONTENTS
9370	Introductory Kit	2 cartridges heavy body material – 50 ml, 1 cartridge light body material – 50 ml, 1 cartridge regular body material – 50 ml, 1 bottle VPS tray adhesive – 17ml, 2 Garant dispensers, 10 Garant Mixing Tips (yellow), 10 Garant Mixing Tips (green), 16 Garant Intraoral Tips (yellow), Technique guides
9370S	Introductory Kit without dispensers	Same product as 9370 without 2 Garant dispensers (9374)
9371	Refill Pack Heavy Body Material (green)	4 cartridges – 50ml, 10 Garant Mixing Tips (green)
9371J	Jumbo Pack Heavy Body Material (purple)	30 cartridges – 50ml, Mixing tips not included.
9372	Refill Pack Light Body Material (orange)	4 cartridges – 50ml, 10 Garant Mixing Tips (yellow)
9373	Refill Pack Regular Body Material (purple)	4 cartridges – 50ml, 10 Garant Mixing Tips (yellow)

### Imprint™ II Garant™ Monophase Impression Material

ITEM NO.	DESCRIPTION	PACKAGE CONTENTS
9381	Refill Pack	4 cartridges – 50ml, 1 Garant dispenser, 10 Garant Mixing Tips (green), Technique guides

### Pentamix™ Mixing Unit

ITEM NO.	DESCRIPTION
77965	Pentamix Mixing Unit
71510	50 Penta Mixing Tips
71210	Elastomer Syringe Set (1 Syringe, 4 tips, 4 barrels, 1 brush)
71225	12 Syringe Tips
71410	10 Elastomer Syringe Barrels
77600	Pentamix Wallmount
77780	Plunger Disks
71100	Cartridge Clips
77720	1 Syringe Knurled Hub Cap
271204	Syringe—Plastic Handle
271205	Syringe—Plunger Stop

### Impression Hardware Products

ITEM NO.	DESCRIPTION
77580	Garant dispenser 1:1 / 2:1
71450	50 Garant Mixing Tips (green)
71451	50 Garant Mixing Tips (white)
71452	50 Garant Mixing Tips (yellow)
71461	50 Garant Intraoral Tips (white)
71462	50 Garant Intraoral Tips (yellow)
71460	50 Garant Intraoral Tips (bite)
77590	Garant Plunger 1:1 / 2:1
7307	VPS Tray adhesive – 17ml



*When you need us, we're there.*

Rely on 3M ESPE for the information and support you need to optimize your clinical techniques, solve problems and make informed decisions.

**3M ESPE Technical Hotline: 1-800-634-2249**  
**3M ESPE Web site: [www.3MESPE.com](http://www.3MESPE.com)**

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