



Impression Material Overview

3M™ Impregum™ Soft Polyether Impression Material

Take control of challenging cases.

Summary of advantages

- Ideal for multiple unit cases and implant impressions
- Initially hydrophilic to provide void-free impressions in moist conditions
- Excellent flow property captures fine details that lead to precise-fitting restorations
- Snap-set behavior of “soft polyether” is ultra-forgiving
- Quick Step material cuts working and setting times by at least 33% over 3M™ Impregum™ Soft Polyether Impression Material



Indications

- Crowns and bridges
- Inlays and onlays
- Functional impressions
- Implant abutments
- Quick-setting materials especially suited for single-unit and two-unit impressions

3M™ Imprint™ 4 VPS Impression Material

The VPS material with the shortest setting time.

Summary of advantages

- Shortest intra-oral setting time for real time savings
- Sufficient working time for a stress-free procedure
- Super hydrophilicity for accurate detail reproduction
- Clinically proven tear strength
- Fresh material colors for easier readability
- Thermally active putty technology accelerates setting of wash material without reducing work time



Indications

- Crowns and bridges
- Inlays and onlays
- Implant abutments
- Orthodontic impressions
- Precision impressions using the 1-step and 2-step technique

3M™ Imprint™ 4 Preliminary VPS Preliminary Impression Material

No dust. No mess. Just automix.

Summary of advantages

- Available for a hand dispenser or with a 3M™ Pentamix™ Automatic Mixing Unit
- Pouring when convenient due to long-term dimensional stability
- Multiple pours for easy remakes of models and provisionals
- Fast-setting “Super Quick” version available
- High hydrophilicity for easy model pouring
- Easy and thorough disinfection
- Homogeneous, void-free impression materials using 3M™ Pentamix™ Lite Automatic Mixing Unit



Indications

- Provisional crown and bridge impressions
- Opposing jaw impressions
- Study model impressions
- Preliminary impressions
- Orthodontic impressions
- Impressions for bleaching trays and mouth guards

3M Impression Materials — Product Portfolio Overview

Nothing compares to a good first impression. Experience superior results for your patients by selecting impressing materials from 3M Oral Care Solutions Division, the worldwide leader in impression materials.

VPS Impression Materials	Dispensing System	Viscosity low  high	Setting version	Max working time (74°F) 	Max intra-oral syringing time (98.6°F) 	Intra-oral setting time (98.6°F) 
TRAY MATERIALS						
3M™ Imprint™ 4 Penta™ Putty		Putty	Regular Set	1:30	—	2:30
3M™ Imprint™ 4 Penta™ Heavy/3M™ Imprint™ 4 Heavy		Heavy Body	Regular Set	2:00	—	2:00
3M™ Imprint™ 4 Penta™ Super Quick Heavy/ 3M™ Imprint™ 4 Quick Heavy		Heavy Body	Fast Set	1:15	—	1:15
WASH MATERIALS						
3M™ Imprint™ 4 Light			Regular Set	—	1:00	2:00
3M™ Imprint™ 4 Super Quick Light			Fast Set	—	0:35	1:15
3M™ Imprint™ 4 Regular			Regular Set	—	1:00	2:00
3M™ Imprint™ 4 Super Quick Regular			Fast Set	—	0:35	1:15

Polyether Impression Materials	Dispensing System	Viscosity low  high	Working Time ¹	Setting Time ²
TRAY MATERIALS				
3M™ Impregum™ Penta™ Soft HB			2:30	6:00
3M™ Impregum™ Penta™ Soft Quick Step HB			1:00	4:00
3M™ Impregum™ Penta™ Soft MB			2:45	6:00
3M™ Impregum™ Penta™ Soft Quick Step MB			1:00	4:00
3M™ Impregum™ Garant™ Soft Tray			1:45	6:00
3M™ Impregum™ Garant™ Soft Quick Step Tray			1:00	4:00
WASH MATERIALS				
3M™ Impregum™ Penta™ Soft Light Body Wash			3:15	6:30
3M™ Impregum™ Garant™ Soft Light Body Wash			2:00	5:30
3M™ Impregum™ Garant™ Soft Quick Step Light Body Wash			1:00	4:00

¹ Working time includes mix.

² Setting time from the beginning of mix.

³ The stated times are valid at 23°C/74°F. Times depend on ambient temperature.

VPS Preliminary Impression Materials	Dispensing System	Max Working Time (74°F)	Constant Intra-oral Setting Time (98.6°F)
FAST			
3M™ Imprint™ 4 Preliminary Super Quick/ 3M™ Imprint™ 4 Preliminary Penta™ Super Quick		1:00	1:30
REGULAR			
3M™ Imprint™ 4 Preliminary/ 3M™ Imprint™ 4 Preliminary Penta™		1:30	2:00
VPS Bite Registration Material	Dispensing System	Mixing and Application	Setting Time from Start of Mixing ³
3M™ Imprint™ 4 Bite VPS Bite		0:20	1:00

Find related product solutions for Retraction Paste, Intra-oral Syringes and Bite Registration at 3M.com/dental



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Download our Impressions Troubleshooting Guide at: 3M.com/GreatImpressions
Customer Care Center: 1-800-634-2249



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