



Impression Material Overview



Impregum™

Soft Polyether Impression Material

Takes the worry out of capturing fine detail... even in moist conditions.

Summary of advantages*

- **Intrinsically hydrophilic**
Provides void-free impressions in moist conditions
- **Excellent flow property**
Captures fine details that lead to precise-fitting restorations
- **Snap-set behavior**
“soft polyether” is ultra-forgiving
- **Less-rigid “soft polyether”**
Easier to remove. Excellent for dual arch trays
- **Quick Step material**
Cuts working and setting times by at least 33% over 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

Imprint™ 4

VPS Impression Material

Fast. Precise. Innovative

Summary of advantages*

- **Active self-warming**
For accelerated setting
- **Shortest intra-oral setting time***
For real time savings and patient comfort
- **Sufficient working time**
For a stress-free procedure
- **Super-hydrophilicity from “start of mix”**
For excellent flow and the finest detail reproduction
- **Fresh material colours**
For enhanced readability
- **Pleasant minty taste**
For increased patient comfort

Indications

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

Imprint™ 4 Preliminary

VPS Alginate Replacement

Time-saving and clean automix procedure. A stress-free alginate replacement.

Summary of advantages*

- **Long-term stability and pouring whenever convenient**
For more flexibility and efficiency
- **Multiple pours without losing accuracy**
For easy remakes of models and provisionals
- **Now scannable**
For easy access to the digital workflow
- **Hydrophilicity**
For easy model pouring, no need of surface pre-treatments and a high model surface quality
- **Easy and thorough disinfection**
For uncompromised hygiene
- **Fresh material colour and pleasant minty taste**
For good readability and more patient comfort

Indications

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

*3M ESPE Data on file

3M ESPE Impression Materials – Product Portfolio Overview

Impregum™ Soft Polyether Impression Material

Product	Dispensing System	Viscosity		Working Time ¹	Setting Time ²
		Lower	Higher		
Impregum™ Penta™ MB				2:45	6:00
Impregum™ Penta™ Soft MB				2:45	6:00
Impregum™ Penta™ Quick Step MB				1:00	4:00
Impregum™ Soft Quick Step Garant MB				1:00	4:00
Impregum™ Soft Garant MB				1:45	6:00
Impregum™ Penta™ DuoSoft HB				2:30	6:00
Impregum™ Penta™ Soft Quick Step HB				1:00	4:00
Impregum™ Penta™ DuoSoft LB				3:15	6:30
Impregum™ Garant DuoSoft LB				2:00	5:30
Impregum™ Garant Quick Step LB				1:00	4:00
ALGINATE REPLACEMENT VPS Impression Materials	Dispensing System	Viscosity Lower	Viscosity Higher	Max Working Time (at 23°C)	Constant Intra-oral Set Time (at 37°C)
Imprint™ 4 Penta™ Preliminary				1:30	2:00
Imprint™ 4 Penta™ Preliminary Super Quick				1:00	1:30
BITE REGISTRATION VPS Impression Materials	Dispensing System	Viscosity Lower	Viscosity Higher	Working Time¹	Setting Time
Imprint™ 4 Bite				0:20	1:00

Imprint™ 4 VPS Impression Material

Product	Dispensing system	Viscosity lower higher	Setting version	Working time (23 °C)	Intra-oral syringing time (37 °C)	Intra-oral setting time (37 °C)
TRAY MATERIAL						
Imprint™ 4 Penta™ Putty			Regular Set	1:30	–	2:30
Imprint™ 4 Penta™ HB			Regular Set	2:00	–	2:00
Imprint™ 4 Penta™ Super Quick HB			Fast Set	1:15	–	1:15
WASH MATERIAL						
Imprint™ 4 Super Quick Ultra-Light			Fast Set	1:15	0:35	1:15
Imprint™ 4 Light			Regular Set	2:00	1:00	2:00
Imprint™ 4 Super Quick Light			Fast Set	1:15	0:35	1:15
Imprint™ 4 Regular			Regular Set	2:00	1:00	2:00
Imprint™ 4 Super Quick Regular			Fast Set	1:15	0:35	1:15

¹ Working time includes mix

² Setting time from the beginning of mix

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



3M Australia Pty Limited Building A 1 Rivett Rd North Ryde NSW 2113 Ph: 1300 363 878 www.3MESPE.com.au

3M New Zealand Limited 94 Apollo Drive Rosedale Auckland 0632 Ph: 0800 80 81 82 www.3MESPE.co.nz

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