

**3M** Science.  
Applied to Life.™



Impression materials: VPS

3M™ Imprint™ 4  
VPS Impression Material

**Stress less over  
everyday impressions.**

# Make precision an everyday occurrence.

## 3M™ Imprint™ 4 VPS Impression Material

Say “YES” to the VPS impression material with the shortest intra-oral setting time. Move through your day with control, precision and speed. Deliver accurate impressions the first time with the fastest VPS material compared with leading products on the market.<sup>1</sup>

It's simply a better way to make better impressions.

## Control

### Long working time for you.

Having adequate working time is important for accurate results. Imprint 4 VPS impression material gives you all the working time you need.

Due to the unique chemistry, the setting time doesn't start until the end of the working time. That means you'll have a sufficient amount of time to load and seat the tray – no stressful race against the clock.



## Precision

### Super hydrophilicity.

Imprint 4 VPS impression material is super-hydrophilic, and displaces moisture right from the start in the unset state.<sup>2</sup> That allows the material to reproduce accurate details even in a moist environment – giving you ultimate precision and confidence.<sup>3</sup>



# Speed

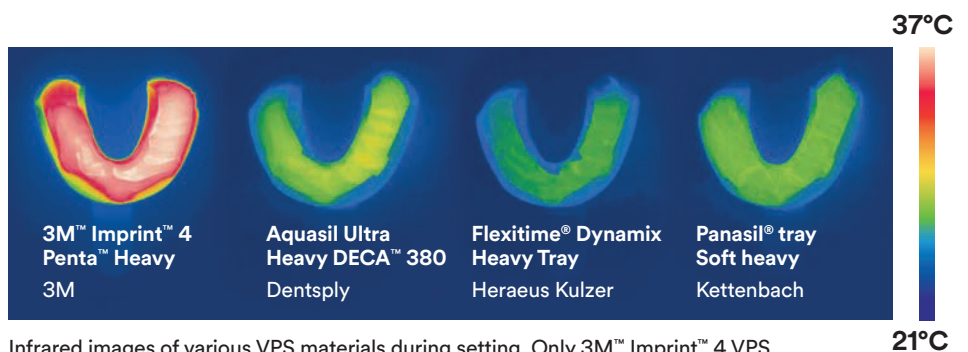
## Reduced chair time and stress for patients.

Imprint 4 VPS impression material has the shortest intra-oral setting time among leading VPS fast-setting impression materials.<sup>4</sup> We achieved this with an innovative active self-warming feature to accelerate setting time.



## The impression material with active self-warming.

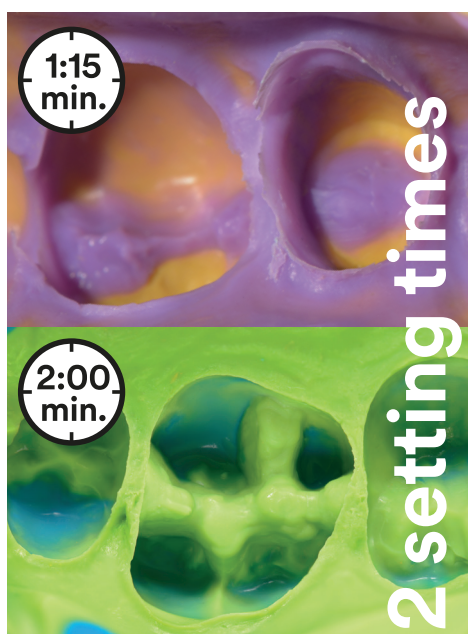
Imprint 4 VPS impression material has an accelerated setting reaction to speed intra-oral setting time. The material quickly warms up to body temperature (37°C/98.6°F), which also increases patient comfort.



Infrared images of various VPS materials during setting. Only 3M™ Imprint™ 4 VPS Impression Material shows a 21°C significant temperature increase. All images were taken at room temperature (23°C/73.4°F). Images show the materials at the time of their maximum temperature.

Source: 3M internal tests. Data available on request at 3M.

## You can get the working time you need and choose the setting time you want.



### Super quick set materials


















- ▶ The ideal solution for 1- or 2-unit cases
- ▶ Working time\* up to 1:15 minutes
- ▶ Intra-oral syringing time up to 35 seconds

### Regular set materials

- ▶ Get even more working time, which is especially valuable for larger cases
- ▶ Working time\* up to 2:00 minutes
- ▶ Intra-oral syringing time up to 1:00 minute

\* Working time includes mixing and handling at 23°C.

**Setting time** shown is intra-oral setting time which starts when the tray is inserted into the mouth. It is not necessary to add unused working time. Seat the tray in the patient's mouth and then start the timer (1:15 for super quick set material or 2:00 for regular set material).

	Product	Dispensing system	Viscosity Low  High	Setting version	Maximum working time 23°C 	Maximum intra-oral syringe time 37°C 	Intra-oral setting time 37°C 
Tray materials	3M™ Imprint™ 4 Penta™ Putty		Putty	Regular set	1:30	—	2:30
	3M™ Imprint™ 4 Penta™ Heavy Material 3M™ Imprint™ 4 Heavy Material	 	Heavy body	Regular set	2:00	—	2:00
	3M™ Imprint™ 4 Penta™ Super Quick Heavy Material 3M™ Imprint™ 4 Super Quick Heavy Material	 	Heavy body	Fast set	1:15	—	1:15
Wash materials	3M™ Imprint™ 4 Light Material			Regular set	—	1:00	2:00
	3M™ Imprint™ 4 Super Quick Light Material			Fast set	—	0:35	1:15
	3M™ Imprint™ 4 Regular Material			Regular set	—	1:00	2:00
	3M™ Imprint™ 4 Super Quick Regular Material			Fast set	—	0:35	1:15

## Ordering information

Item	Product information
<b>Intro kits for 3M™ Pentamix™ 3</b>	
71496	<b>3M™ Imprint™ 4 Penta™ Putty Intro Kit</b> 1 – 300ml base paste, 1 – 60ml catalyst, 1 – 50ml Super Quick Light cartridge, 1 – 50ml Regular cartridge, 1 – Penta™ cartridge, 10 – Penta™ Mixing Tips – red, 5 – 3M™ Intra-Oral Syringes – green; 5 – Garant™ Mixing Tips – yellow, 5 – Garant™ Intra-Oral Tips – yellow, 1 – VPS tray adhesive
71494	<b>3M™ Imprint™ 4 Penta™ Heavy Intro Kit</b>
71495	<b>3M™ Imprint™ 4 Penta™ Super Quick Heavy Intro Kit</b>
<b>Trial kits for 3M™ Pentamix™ 3 Mixing Unit</b>	
71499	<b>3M™ Imprint™ 4 Penta™ Putty Trial Kit</b> 1 – 300ml base paste, 1 – 60ml catalyst, 1 – 50ml Super Quick Ultra-Light cartridge, 10 – Penta™ Mixing Tips – red, 5 – Garant™ Mixing Tips – yellow, 5 – Garant™ Intra-Oral Tips – yellow
71497	<b>3M™ Imprint™ 4 Penta™ Heavy Trial Kit</b>
71498	<b>3M™ Imprint™ 4 Penta™ Super Quick Heavy Trial Kit</b>
<b>Refills for 3M™ Pentamix™ 3 Mixing Unit</b>	
71485	<b>3M™ Imprint™ 4 Penta™ Super Quick Heavy Refill</b> 2 base pastes – 300 ml each, 2 catalysts – 60 ml each
71484	<b>3M™ Imprint™ 4 Penta™ Heavy Refill</b>
71486	<b>3M™ Imprint™ 4 Penta™ Putty Refill</b>
<b>Wash refills for 3M™ Pentamix™ 3 Mixing Unit</b>	
71491	<b>3M™ Imprint™ 4 Super Quick Ultra-Light</b> 4 wash cartridges – 50ml each, 5 Garant Mixing Tips yellow, 5 Intra-oral Syringes green
71488	<b>3M™ Imprint™ 4 Light</b>
71487	<b>3M™ Imprint™ 4 Regular</b>
71490	<b>3M™ Imprint™ 4 Super Quick Light</b>
71489	<b>3M™ Imprint™ 4 Super Quick Regular</b>
<b>Accessories</b>	
71485	<b>3M™ Penta™ Mixing Tips – red</b>
71484	<b>3M™ Garant™ Intra-oral Tips – yellow</b>
71486	<b>3M™ Intra-oral Syringes – green</b>

## References

- 1 Imprint 4 has shorter Intra-oral setting time when compared to leading competitors. 3M Oral Care claim data 5544.
- 2 Hydrophilicity levels of Imprint 4 in the unset state. 3M Oral Care claim data 5652.
- 3 Imprint 4 captures fine details. 3M Oral Care claim data 5443.
- 4 Relationship between active self-warming and intra-oral setting time. 3M Oral Care claim data 5655.

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