

**3M** Science.  
Applied to Life.™



3M™ Impregum™ Polyether  
Impression Material

**Take control of  
challenging cases.**

# The bigger the challenge, the more you need it.

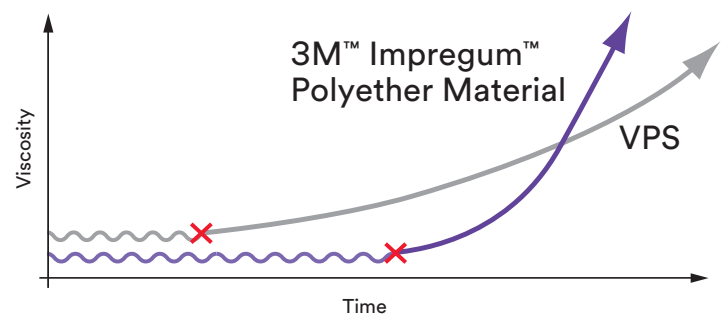
## 3M™ Impregum™ Polyether Impression Material

You need the precision standard when it comes to complex cases and moist environments. Implants and large restorations demand unfailing accuracy. The long working time, excellent flowability and hydrophilic properties of Impregum materials give you control over your toughest challenges.

## Relax...

**take all the (working) time you need.**

Impregum polyether material maintains its superior flowability throughout a very long working time. And, it starts setting when the working time ends—not a moment sooner. This makes it outstandingly forgiving with less opportunity for errors—delivering distortion-free impressions.



## Moisture?

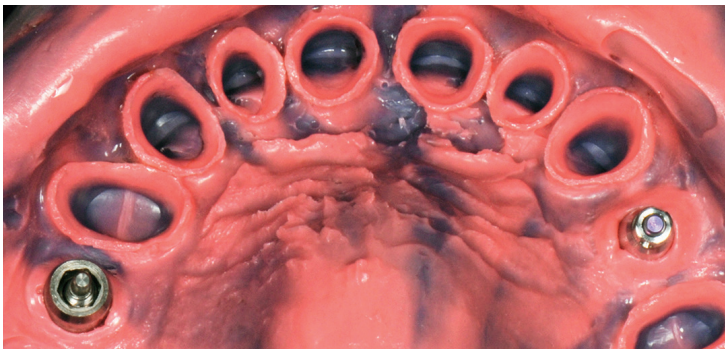
**No problem — you can still get void-free detail.**

Thanks to its unique moisture tolerance, Impregum polyether material displaces blood and saliva right from the first contact with tissue, resulting in excellent detail reproduction and void-free impressions.



## Your choice for complex cases.

Impregum polyether material provides pinpoint precision and control. The material adapts to every margin in multiple-unit cases, and its rigidity keeps copings in place, ensuring precise placement for implants.



Impression made with 3M™ Impregum™ Soft Medium Body and Light Body Polyether Impression Materials.

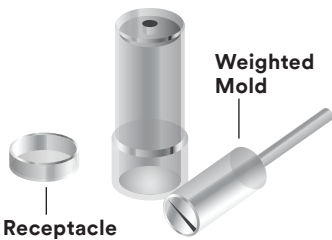


Impression made with 3M™ Impregum™ Soft Medium Body Polyether Impression Material with a monophasic technique.

# Winning the “Shark Fin Challenge”

The Shark Fin Test demonstrates the superior flowability of 3M™ Impregum™ Polyether Impression Material. In this test, the mold sinks into the impression material. The result resembles a shark fin. The greater the flow, the higher the fin.

## Test apparatus



## How it works:

① Receptacle is filled with material.



② Displaced material flows into mold.







③ The taller the fin, the greater the flowability.



## Impregum polyether material vs VPS impression materials

The shark fin test clearly shows the superior flowability of Impregum polyether material throughout its working time, so you never have to feel rushed—even on the most complex cases. As you look at each impression material’s performance at specific points during its working time, you can see how flowability declines. Better flow allows you to make impressions with highly accurate, fine details and fewer voids.

-  3M™ Impregum™ Soft Light Body Polyether Impression Material
-  Aquasil™ Ultra XLV Fast Set
-  Flexitime® Xtreme Correct Flow
-  Panasil® Contact Plus X-Light
-  Take 1™ Advanced™ Light Body Wash Fast Set
























**The greater the flow, the higher the fin.**

At the start of working time, 3M™ Impregum™ Polyether Impression Material flows all the way to the end of the test apparatus, as shown by the flat top. Impregum polyether material stays flowable and workable significantly longer than VPS materials.

# FIND THE RIGHT MATERIAL for your indication and technique.

- Choose between **MEDIUM** (monophase) and **HEAVY/LIGHT BODY** materials (1-step technique)
- For crowns and small bridges, **“QUICK STEP” MATERIALS** offer a **33%** faster total setting time than regular-set materials

	Product	Dispensing System	Viscosity	Setting Version	Working Time* at 23°C/73°F MIN/SEC	Total Setting Time** MIN/SEC
			Low  High			
Tray and Monophase Materials	3M™ Impregum™ Penta™ Soft Heavy Body			Regular Set	2:30	6:00
	3M™ Impregum™ Penta™ Soft Medium Body			Regular Set	2:45	6:00
	3M™ Impregum™ Penta™ Medium Body			Regular Set	2:45	6:00
	3M™ Impregum™ Soft Medium Body (Tray)			Regular Set	1:45	6:00
	3M™ Impregum™ Penta™ Soft Quick Step Heavy Body			Fast Set	1:00	4:00
	3M™ Impregum™ Penta™ Soft Quick Step Medium Body			Fast Set	1:00	4:00
	3M™ Impregum™ Soft Quick Step Medium Body (Tray)			Fast Set	1:00	4:00
Wash Materials	3M™ Impregum™ Penta™ Soft Light Body			Regular Set	3:15	6:30
	3M™ Impregum™ Garant™ Soft Light Body			Regular Set	2:00	5:30
	3M™ Impregum™ Soft Quick Step Light Body			Fast Set	1:00	4:00

\* Working time includes mixing time. \*\* includes working time.

The working times shown are in conformity with ISO 4823:2000. Higher temperatures will shorten the working time, while lower temperatures will prolong it. For regular set materials, we recommend a working time of 1:45 min:sec and compliance with the indicated setting time from the start of mixing to assure an ideal impression result at all times under clinical conditions.

## Ordering information

Item #	Product Information
<b>3M™ PENTA™ INTRO KITS</b>	
P31739	<b>3M™ Impregum™ Penta™ Soft Heavy Body/Light Body</b> 1 base paste HB – 300 ml, 1 catalyst HB – 60 ml, 1 Penta™ Cartridge HB, 2 cartridges LB – 50 ml each, 1 Penta™ Elastomer Syringe, 10 Penta™ Mixing Tips – Red, 5 polyether mixing tips, white; 5 polyether intraoral tips, white; 5 3M™ Intra-oral Syringes Purple; 1 polyether tray adhesive – 17 ml, 1 cartridge dispenser 1:1/2:1
P31779	<b>3M™ Impregum™ Penta™ Soft Quick Step Heavy Body/Light Body</b> 1 base paste HB – 300 ml, 1 catalyst HB – 60 ml; 1 Penta™ Cartridge HB, 2 cartridges LB – 50 ml each, 10 Penta™ Mixing Tips – Red, 5 polyether mixing tips, white, 5 polyether intraoral tips, white; 5 3M™ Intra-oral Syringes Purple, 1 polyether tray adhesive – 17 ml
P31735	<b>3M™ Impregum™ Penta™ Soft Medium Body</b> 1 base paste MB – 300 ml, 1 catalyst MB – 60 ml, 1 Penta™ Cartridge MB, 1 Penta™ Elastomer Syringe, 10 Penta™ Mixing Tips – Red, 1 polyether tray adhesive – 17 ml
P31771	<b>3M™ Impregum™ Penta™ Soft Quick Step Medium Body</b> 1 base paste MB – 300 ml, 1 catalyst MB – 60 ml, 1 Penta™ Cartridge MB, 1 Penta™ Elastomer Syringe, 10 Penta™ Mixing Tips – Red, 1 polyether tray adhesive – 17 ml
P31685	<b>3M™ Impregum™ Penta Medium Body</b> 1 base paste MB – 300 ml, 1 catalyst MB – 60 ml, 1 Penta™ Cartridge MB, 1 Penta™ Elastomer Syringe, 10 Penta™ Mixing Tips - Red, 1 polyether tray adhesive – 17 ml
<b>CARTRIDGE INTRO KITS</b>	
31786	<b>3M™ Impregum™ Soft Tray Medium Body Intro Kit</b> 3 tray cartridges – 50 ml each, 1 cartridge LB – 50 ml, 10 polyether tray mixing tips, purple, 5 polyether mixing tips, white, 5 polyether intraoral tips, white, 5 3M™ Intra-oral Syringes Purple, 1 polyether tray adhesive – 17 ml
31789	<b>3M™ Impregum™ Soft Quick Step Tray Medium Body Intro Kit</b> 3 tray cartridges – 50 ml each, 1 cartridge LB – 50 ml, 10 polyether tray mixing tips, purple; 5 polyether mixing tips, white; 5 polyether intraoral tips, white, 5 3M™ Intra-oral Syringes Purple, 1 polyether tray adhesive – 17 ml

Item #	Product Information
<b>3M™ PENTA™ REFILLS</b>	
31741	<b>3M™ Impregum™ Penta™ Soft Heavy Body Refill</b> 2 base pastes – 300 ml each, 2 catalysts – 60 ml
31769	<b>3M™ Impregum™ Penta™ Soft Quick Step Heavy Body Refill</b> 2 base pastes – 300 ml each, 2 catalysts – 60 ml each
31746	<b>3M™ Impregum™ Penta™ Soft Light Body Refill</b> 1 base paste – 300 ml each, 1 catalysts – 60 ml each
31731	<b>3M™ Impregum™ Penta™ Soft Medium Body Refill</b> 2 base pastes – 300 ml each, 2 catalysts – 60 ml each
31765	<b>3M™ Impregum™ Penta™ Soft Quick Step Medium Body Refill</b> 2 base pastes – 300 ml each, 2 catalysts – 60 ml each
31642	<b>3M™ Impregum™ Penta™ Medium Body Refill</b> 2 base pastes – 300 ml each, 2 catalysts – 60 ml
<b>CARTRIDGE REFILLS</b>	
31785	<b>3M™ Impregum™ Soft Tray Medium Body Refill</b> 4 cartridges – 50 ml each, 10 polyether tray mixing tips, purple
31788	<b>3M™ Impregum™ Soft Quick Step Tray Medium Body Refill</b> 4 cartridges – 50 ml each, 10 polyether tray mixing tips, purple
31752	<b>3M™ Impregum™ Garant™ Soft Light Body Refill</b> 4 cartridges – 50 ml each, 10 polyether mixing tips, white, 5 3M™ Intra-oral Syringes Purple
31767	<b>3M™ Impregum™ Soft Quick Step Light Body Refill</b> 4 cartridges – 50 ml each, 10 polyether mixing tips, white, 5 3M™ Intra-oral syringes Purple
<b>ACCESSORIES</b>	
P3794	<b>3M™ Impregum™ Penta™ Soft Heavy Body Cartridge</b>
P3774	<b>3M™ Impregum™ Penta™ Soft Quick Step Heavy Body Cartridge</b>
P3788	<b>3M™ Impregum™ Penta™ Soft Medium Body Cartridge</b>
P3776	<b>3M™ Impregum™ Penta™ Soft Quick Step Medium Body Cartridge</b>
P3796	<b>3M™ Impregum™ Penta™ Soft Light Body Cartridge</b>
P3792	<b>3M™ Impregum™ Penta™ Medium Body Cartridge</b>
77944	<b>13M™ Penta™ Cartridge for 3M™ Pentamix™ Lite</b>
71508	<b>50 3M™ Intra-Oral Syringes Purple</b>
77580	<b>1 cartridge dispenser 1:1/2:1</b>
77949	<b>50 3M™ Penta™ Mixing Tips – Red</b>
71210	<b>Elastomer Syringe Set</b> Kit includes: 1 syringe; 4 tips; 4 barrels; 1 brush



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