



3M Science.
Applied to Life.™

3M™ Impregum™
Polyether Impression Material

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



3M™ Impregum™ Polyether Impression Material

Accuracy

The UK's only true polyether material meets the most demanding of challenges. The intrinsic hydrophilicity, excellent flow properties and 'snap set' characteristics contribute to the material's extremely precise detail reproduction.¹

“ Impregum allows us to obtain reproducible and reliable impressions for crown, bridge and implant work. It's a very reliable material and the automated method of dispensing it means that each impression is homogeneous and accurate. Impregum is my gold standard for implant impressions. ”

Dr Nilesh Parmar

BDS (Lond) MSc (ProsthDent) MSc (ImpDent) Cert.Ortho
Parmar Dental and Sparkly Smile

Void-free

Thanks to its unique moisture tolerance, Impregum polyether impression material displaces blood and saliva right from the first contact with tissue, resulting in excellent detail reproduction and void-free impressions.²

“ The flow properties are excellent and it has excellent rigidity especially important for Implant prosthetics and prosthodontics. ”

Prof Paul Tipton

BDS MSc DGDP RCS
Tipton Training Ltd
Visiting Professor of Cosmetic & Restorative Dentistry, City of London Dental School

Confidence

Surveys prove highest recommendation rate from labs for Impregum polyether impression material in the US and Europe. Saves your time and money with outstandingly precise impressions on the first take and increases efficiency between you and your lab.³

“ Polyether materials are preferred due to their hydrophilicity and low chance of bubbling. My dental technician favours Impregum as it produces high rates of success. I only use polyether materials in my practice. ”

Dr Michael Gregory

BDS
MG Dental Care & clinical tutor at Bristol Dental School

Complex cases

Impregum polyether impression material's unique features provide pinpoint precision and the control you need for challenging tasks like implant impressions. The material's ultimate rigidity ensures the coping stays in place, so you can be sure the implant will be precisely positioned in the mouth.⁴

Impregum polyether material is ideal for:

- ▶ Multiple-unit cases
- ▶ Implant impressions
- ▶ Compromised patients with poor gingival health where it is hard to control moisture

“ The rigidity, simplicity, and accuracy make it an outstanding material for impressions of teeth. ”

Dr Akit Patel

BDS MFDS RCS MClinDent
Specialist Prosthodontist
Perlan Specialist Dental Centre
and Eastman Dental Institute

Gain control over the whole impressioning procedure with 3M impression solutions

1. Retract

Retract using 3M™ Astringent Retraction Paste capsules – experience a faster, gentler way to retract gingival tissue and control bleeding.⁵



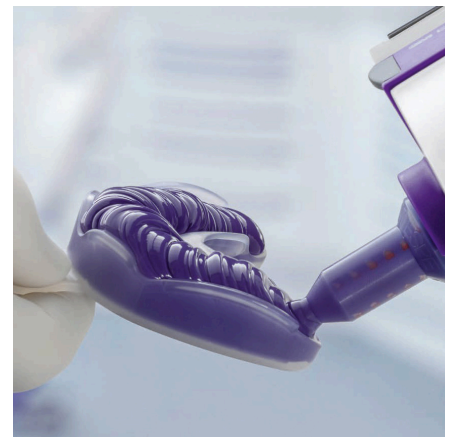
2. Syringe

Syringe wash material precisely using easy-to-handle 3M™ Intra-oral Syringes. Just fill, flip, and start syringing. Alternatively, the syringe can be pre-filled up to 12 hours in advance without the material setting, reducing stress about procedure timing.



3. Impress

Make high-quality impressions using 3M™ impression materials together with the 3M™ Pentamix™ 3 Automatic Mixing Unit: and ready-to-use 3M™ Impression Trays which do not require an extra tray adhesive, saving valuable preparation time.



3M™ Intra-oral Syringe

More precision, less waste, easier handling: the intra-oral syringe features all you can wish for to prepare an accurate and flawless impression.



Photo: Dr Akit Patel

...y and hydrophilicity of Impregum makes
...terial and therefore my number one choice
...eth and implants. ”

...nt (Pros) MRD RCS

...entre, Harley Street Dental Studio
...ute

“ The results of Impregum Penta
soft polyether impression
material are fantastic. ”

















Dr Thomas Taha
BDS (Qub) MJDF RCS (Eng)
Gardens Dental Centre

“ No other impression
material has the stability,
accuracy and level of details
as Impregum Penta. ”

Dr Adyl Asani
BDS BSc (Hons)
TwentyOne Dental Clinic

Find the right material for your indication and technique

- ▶ Choose between medium (monophase) and heavy/light body materials (One step technique)
- ▶ For crowns and bridges, 'quick step' materials offer a 33% faster total setting time than regular-set materials⁶
- ▶ Available for 3M™ Pentamix™ 3 and 3M™ Pentamix™ Lite automatic mixing units or cartridge dispensers

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™ 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
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.

Ordering information		Ordering information	
Item	Introductory units	Item	Refills
P31739	3M™ Impregum™ Penta™ Soft Heavy Body/Light Body (Intro Kit for Pentamix™ 3) 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™ ESPE™ Intra-oral Syringes Purple; 1 polyether tray adhesive – 17 ml, 1 cartridge dispenser 1:1/2:1	31731	3M™ Impregum™ Penta™ Soft Medium Body Refill 2 base pastes – 300 ml each, 2 catalysts – 60 ml each
P31779	3M™ Impregum™ Penta™ Soft Quick Step Heavy Body/Light Body (Intro Kit for Pentamix™ 3) 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™ ESPE™ Intra-oral Syringes Purple, 1 polyether tray adhesive – 17 ml	31765	3M™ Impregum™ Penta™ Soft Quick Step Medium Body Refill 2 base pastes – 300 ml each, 2 catalysts – 60 ml each
P31735	3M™ Impregum™ Penta™ Soft Medium Body (Intro Kit for Pentamix™ 3) 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	31746	3M™ Impregum™ Penta™ Soft Light Body Refill 1 base pastes – 300 ml each, 1 catalysts – 60 ml each
P31771	3M™ Impregum™ Penta™ Soft Quick Step Medium Body (Intro Kit for Pentamix™ 3) 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	31642	3M™ Impregum™ Penta™ Medium Body Refill 2 base pastes – 300 ml each, 2 catalysts – 60 ml
P31685	3M™ Impregum™ Penta™ Medium Body (Intro Kit for Pentamix™ 3) 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	31752	3M™ Impregum™ Garant™ Soft Light Body Refill 4 cartridges – 50 ml each, 10 polyether mixing tips, white, 5 3M™ Intra-oral Syringes Purple
31786	3M™ Impregum™ Soft Tray Medium Body Intro Kit 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™ ESPE™ Intra-oral Syringes Purple, 1 polyether tray adhesive – 17 ml Refills	31767	3M™ Impregum™ Soft Quick Step Light Body Refill 4 cartridges – 50 ml each, 10 polyether mixing tips, white, 5 3M™ Intra-oral syringes Purple
31789	3M™ Impregum™ Soft Quick Step Tray Medium Body Intro Kit 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™ ESPE™ Intra-oral Syringes Purple, 1 polyether tray adhesive – 17 ml Refills	3M™ Pentamix™ mixing units	
	Refills	77873	3M™ Pentamix™ 3 Automatic Mixing Unit
31741	3M™ Impregum™ Penta™ Soft Heavy Body Refill 2 base pastes – 300 ml each, 2 catalysts – 60 ml	77902	3M™ Pentamix™ Lite Automatic Mixing Unit 120 V/60 Hz including 1 Penta™ Cartridge
31769	3M™ Impregum™ Penta™ Soft Quick Step Heavy Body Refill 2 base pastes – 300 ml each, 2 catalysts – 60 ml each	Accessories	
		77944	3M™ Penta™ Cartridge for 3M™ Pentamix™ Lite (1)
		71508	3M™ Intra-Oral Syringes Purple (50)
		77580	3M™ Cartridge dispenser 1:1/2:1 (1)
		77949	3M™ Penta™ Mixing Tips – Red (50)
		71451	3M™ Polyether mixing tips – white (50)
		71454	3M™ Polyether tray mixing tips – purple (50)
		71461N	3M™ Polyether intraoral tips – white (50)
		30600	3M™ Polyether tray adhesive – 17 ml (1)
		77601	3M™ Pentamix™ 3 Wall Mount Kit
		56944	3M™ Astringent Retraction Paste 25 Capsules Refill Pack
		56945	3M™ Astringent Retraction Paste 100 Capsules Value Pack

References

- 1 Hydrophilicity and flow properties. 3M claims database no 3161 and 2244.
- 2 Impregum Soft detail. 3M claims database no 3816.
- 3 Globus Labs research study 2005 and 2010. www.labs.globus.org
- 4 Impregum for Implants. 3M claims database no 2282.
- 5 Astringent Retraction Paste offers a faster retraction procedure. 3M claims database no 4859.
- 6 Sets at least 33% faster than regular set polyether. 3M claims database no 1829.

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GD026.
 J397739.

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