



Success Simplified



**Get more confidence
in every step.**

1 Retract

3M™ Astringent Retraction Paste



2 Syringe

3M™ Intra-oral Syringe
Purple



or

3M™ Penta™
Elastomer Syringe



3 Impress

3M™ Impregum™
Super Quick Polyether
Impression Material



Because a great-fitting restoration should never be a surprise.



Make better impressions

3M gives you exactly what you need to simplify the process and achieve consistent clinical results.

How you get there: With products that set fast yet give you enough working time. Ingenious tools that streamline the procedure. And troubleshooting tips to help you ace every impression, so restorations fit.



Download 3M's tips at
3M.com/GreatImpressions



3M UK PLC
Charnwood Campus
10 Bakewell Road
Loughborough LE11 5RB
08705 360 036 / oralcareuk@mmm.com

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RETRACT



**SYRINGE
AND MIX**



IMPRESS

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Retract tissue gently.

3M™ Astringent Retraction Paste

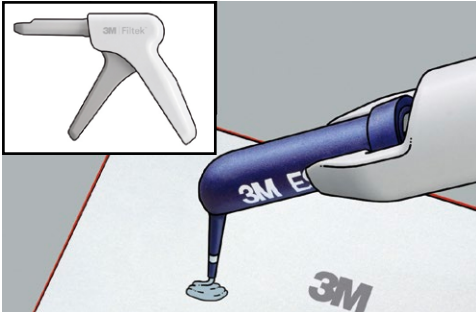
A great impression starts with controlling tissue and moisture. Our capsule's extra-fine tip delivers hemostatic paste where it belongs – right into the sulcus – to gently retract tissue and control bleeding.



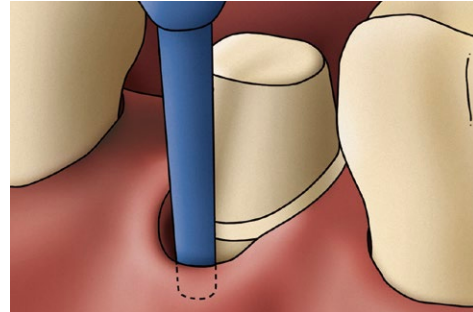
Delivers a 15% aluminum chloride astringent paste into the sulcus for gentle retraction of gingival tissue.



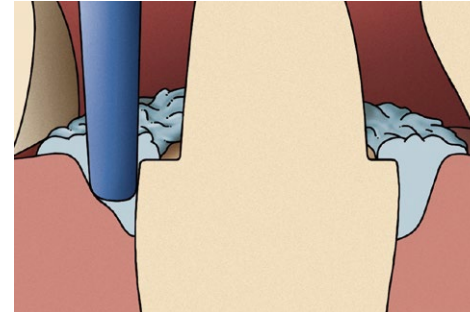
Steps for using 3M™ Astringent Retraction Paste



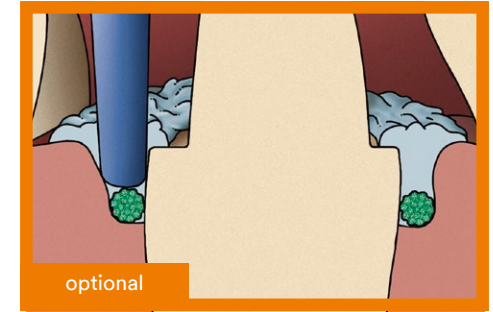
Place capsule firmly in dispenser. Remove cap immediately before use and discard. Dispense small quantity of paste onto a mixing pad and discard. NOTE: Rounded capsule tip must not be shortened because this would result in sharp edges.



Rinse sulcus thoroughly with water and dry lightly with air before applying the paste. Insert capsule tip into the sulcus.

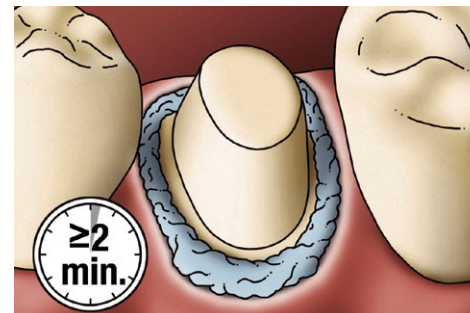


Slowly and steadily inject astringent retraction paste into sulcus. Completely fill the sulcus.

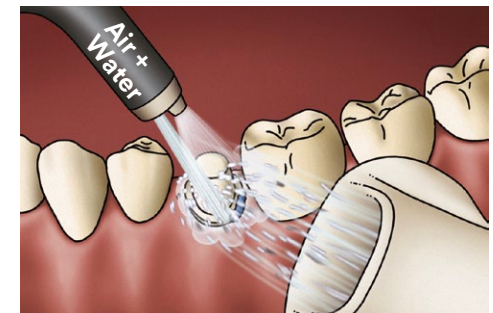


If required by the clinical situation, the retraction paste can be used in combination with a cord to open the sulcus further.

The retraction paste can be used with or without cord.



Allow the astringent retraction paste to react for at least 2 minutes in the sulcus. Keep all moisture away from the site during this period. NOTE: An overly long residence time may cause damage to tissue.



Remove the retraction paste completely from the sulcus and surrounding areas with air, water and suction. NOTE: The patient must not swallow the retraction paste.

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3M UK PLC
Charnwood Campus
10 Bakewell Road
Loughborough LE11 5RB
08705 360 036 / oralcareuk@mmm.com

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Application of wash material.

3M™ Intra-oral Syringe Purple

Restorations with accurate margins drop into place. This syringe helps you apply medium- or light-body wash material exactly where it's needed to capture every marginal detail. Patient-friendly and ergonomic, these little syringes make dispensing more efficient, with up to 84% less polyether waste than hand dispensers.

Prefill up to
- 12 hrs. -
in advance

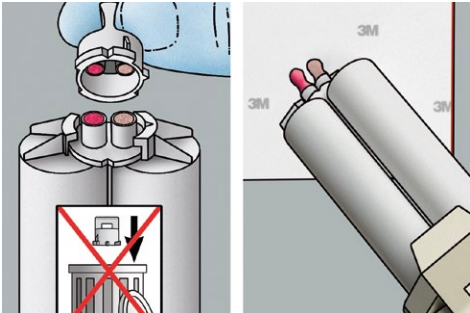
Success Simplified



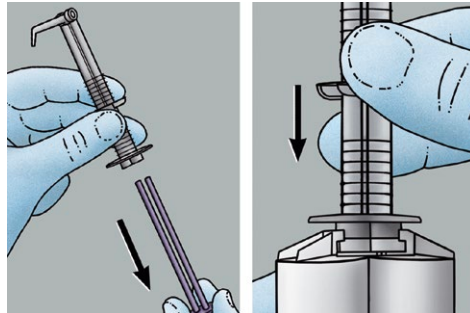
For use with
materials in a
3M™ Garant™ Cartridge



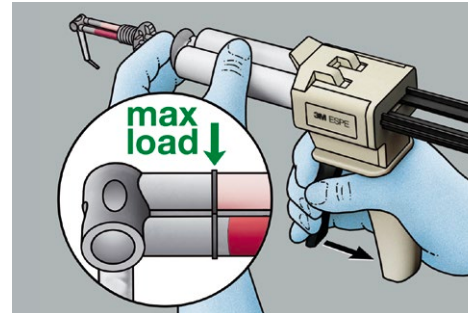
Steps for using the 3M™ Intra-oral Syringe Purple with polyether body materials



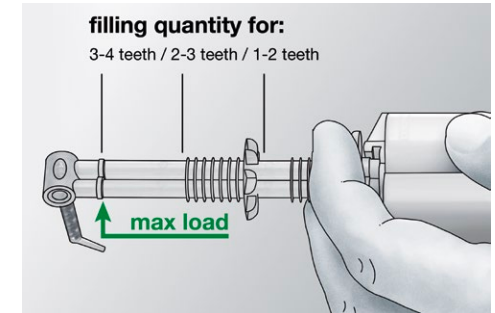
Remove the cartridge cap. Bleed a small amount of material from the cartridge onto mixing pad and discard.



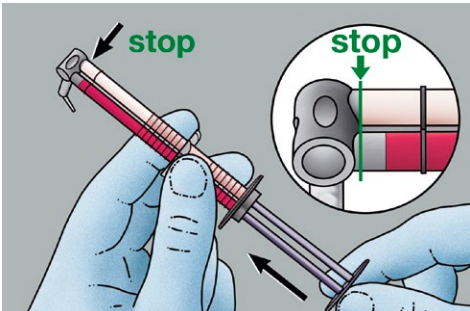
Remove the plunger of the intra-oral syringe. Place on the openings of Garant™ cartridge and attach.



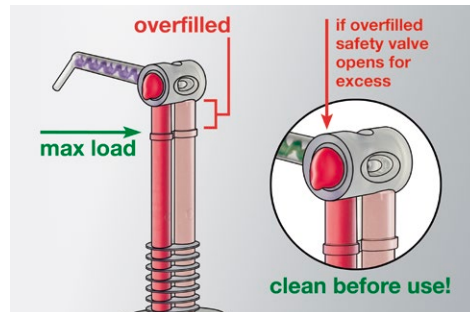
Hold firmly in place while filling. Leave mixing tip in angled position; do not fold open. Do not fill syringe past the maximum fill line.



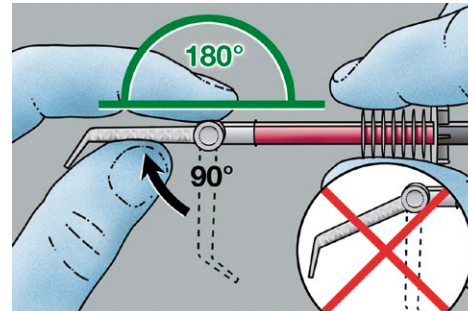
The content of an intra-oral syringe is sufficient for syringing about 2–4 preparations, depending on the quantity applied around each unit.



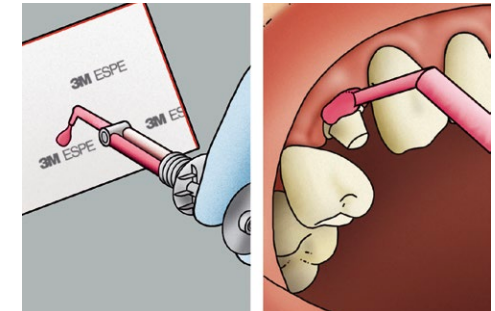
Replace plunger in the syringe, pushing paste no further than to the joint of the mixing tip.



Any paste extruded on the sides of the mixing tip must be wiped off before the application in the mouth.



Immediately before application, fold out the mixing tip of the syringe at a 180° angle (until resistance is felt) to align with syringe. Do not bend the tip back down afterwards.



Press out a small quantity of paste onto a mixing pad until the base paste and catalyst flow out in an even, homogeneous mixture. Immediately syringe material around prepared tooth.

NOTE: Intra-oral syringes cannot be autoclaved and must only be used on one patient! Refilling a syringe is prohibited.



3M UK PLC
Charnwood Campus
10 Bakewell Road
Loughborough LE11 5RB
08705 360 036 / oralcareuk@mmm.com

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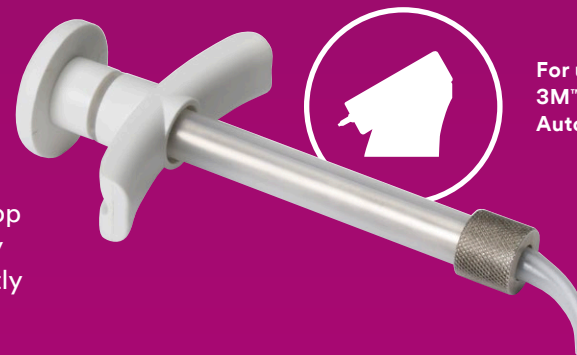
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3M Science.
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Capture precise detail.

3M™ Penta™ Elastomer Syringe

Restorations with accurate margins drop into place. This syringe helps you apply light- and medium-body material exactly where it's needed to capture every marginal detail.



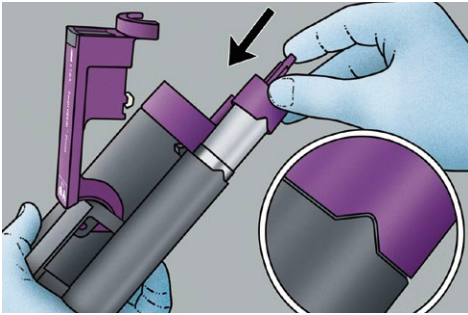
For use with
3M™ Pentamix™
Automatic Mixing Units



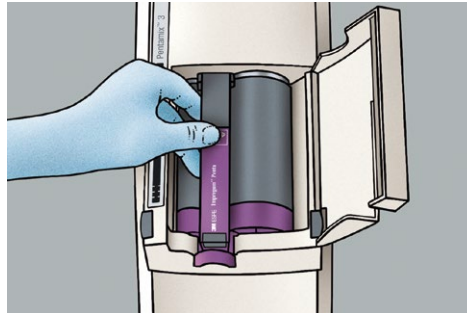
Success Simplified



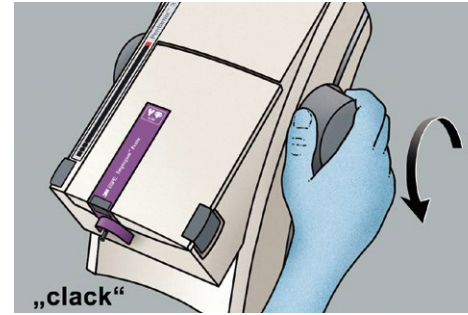
Steps for filling the 3M™ Penta™ Elastomer Syringe using a 3M™ Pentamix™ Automatic Mixing Unit



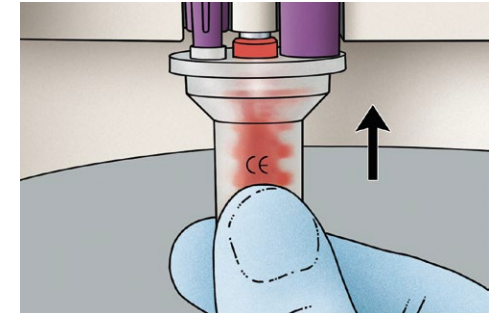
Insert 3M™ Penta™ Foil Bag with the 3M impression material.



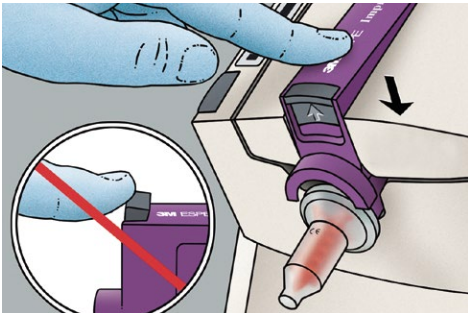
Insert the cartridge into the 3M™ Pentamix™ Automatic Mixing Unit.



Turn the wheel (piston) forward.



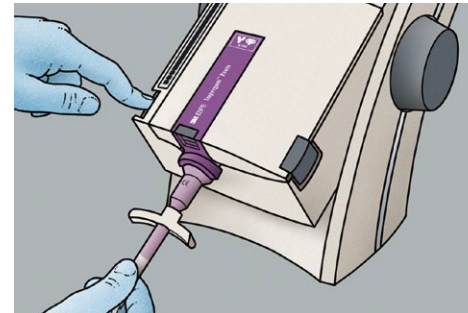
Attach a 3M™ Penta™ Mixing Tip – Red.



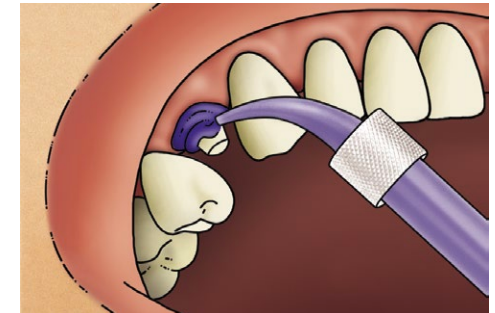
Close the latch with an audible click.



Press the green start button to dispense small amount of material and discard.



Remove the syringe plunger from the 3M™ Penta™ Elastomer Syringe. Attach the syringe directly to the mixing tip and press the start button to fill the syringe.



Replace the syringe plunger. Immediately syringe material around prepared tooth.



3M UK PLC
Charnwood Campus
10 Bakewell Road
Loughborough LE11 5RB
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The fastest way to polyether precision.

3M™ Impregum™ Super Quick Polyether Impression Material

It's all a question of chemistry. 3M™ Impregum™ Super Quick – the first true superfast polyether impression material – unites the famous accuracy of polyether with the speed of a VPS. With a short setting time of just two minutes, it is ideal for high-precision single-unit impressions. A significantly improved taste is included as well.
























Let's make your impression procedure faster and your patients feel more comfortable!



Success Simplified





	Dispensing system	Viscosity low  high	Impression technique	Recommended max. working time (min:sec)	Intra-oral setting time at 37°C (min:sec)
Super Quick Setting Materials					
3M™ Impregum™ Penta™ Super Quick (Medium Body)			Monophase or 1-step	0:45	2:00
3M™ Impregum™ Penta™ Super Quick (Heavy Body)			1-step	0:45	2:00
3M™ Impregum™ Super Quick (Light Body)			1-step	0:45	2:00
Quick Setting Materials					
3M™ Impregum™ Penta™ H DuoSoft™ Quick (Heavy Body)			1-step	1:00	3:00
3M™ Impregum™ Penta™ Soft Quick (Medium Body)			Monophase	1:00	3:00
3M™ Impregum™ L DuoSoft™ Quick (Light Body)			1-step	1:00	3:00
Regular Setting Materials*					
3M™ Impregum™ Penta™ Soft (Medium Body)			Monophase	1:45	4:15
3M™ Impregum™ Penta™ (Medium Body)			Monophase	1:45	4:15
3M™ Impregum™ Penta™ H DuoSoft™ (Heavy Body)			1-step	1:45	4:15
3M™ Impregum™ Penta™ L DuoSoft™ (Light Body)			1-step	1:45	4:15
3M™ Impregum™ Garant™ L DuoSoft™ (Light Body)			1-step	1:45	4:15

* Setting time from start of mixing 6:00 min.



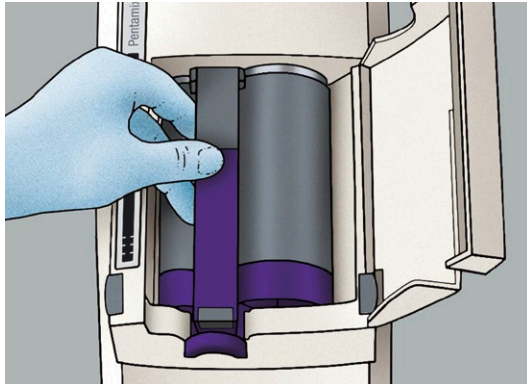
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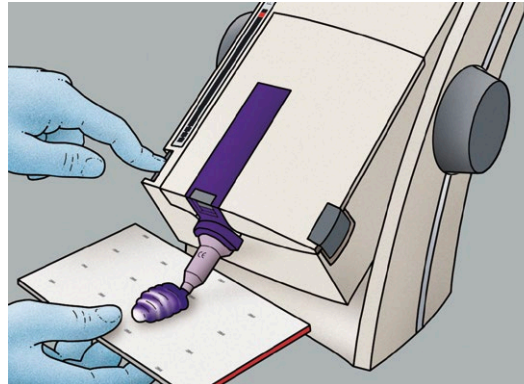
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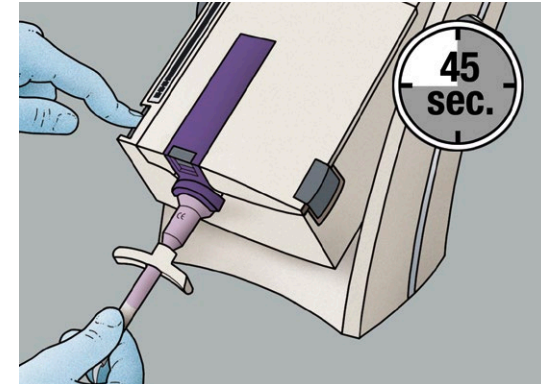
Monophase technique with 3M™ Impregum™ Penta™ Super Quick Medium Body Polyether Impression Material



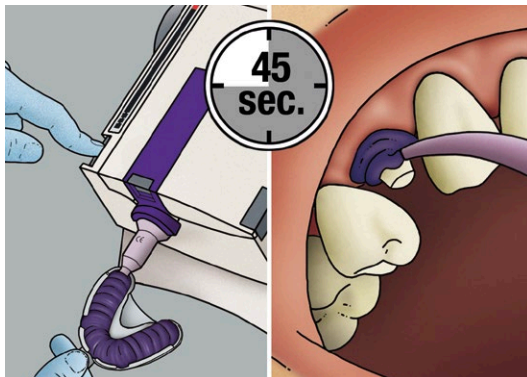
Insert the 3M™ Impregum™ Penta™ Super Quick Medium Body cartridge into the 3M™ Pentamix™ 3 Automatic Mixing Unit. With the cartridge loaded, you are ready to mix impression material.



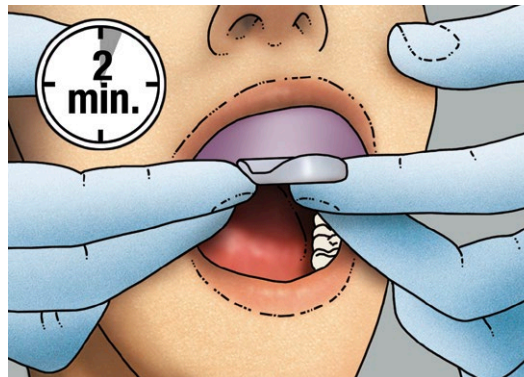
Dispense a small amount of impression material on a mixing pad to ensure a homogeneous mix.



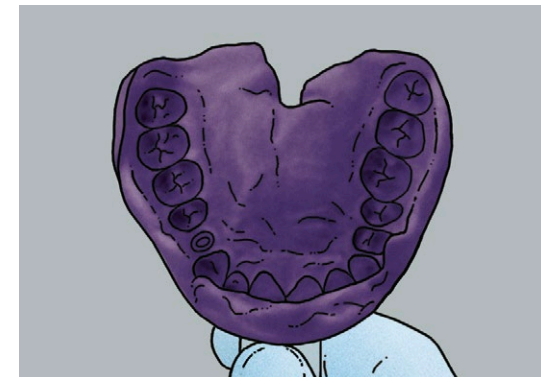
Fill the 3M™ Penta™ Elastomer Syringe directly by placing the syringe onto the mixing tip and start dispensing the impression material.



Fill the tray completely while keeping the mixing tip immersed in the material. Syringe the preparation simultaneously. Working time of 3M™ Impregum™ Penta™ Super Quick Medium Body Material: 45 sec.

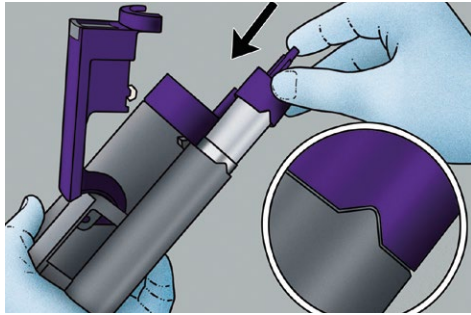


Place the filled tray into the mouth. Intra-oral setting time of 3M™ Impregum™ Penta™ Super Quick Medium Body Material: 2 min.

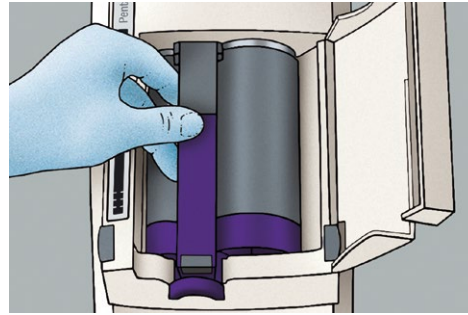


After 2 minutes the impression can be removed from the mouth.

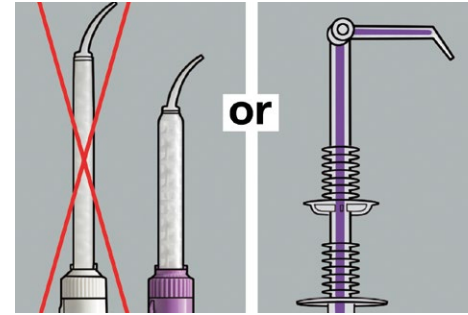
1-step technique using 3M™ Impregum™ Super Quick Polyether Impression Material (Heavy or Medium Body/Light Body) and the 3M™ Intra-oral Syringe Purple



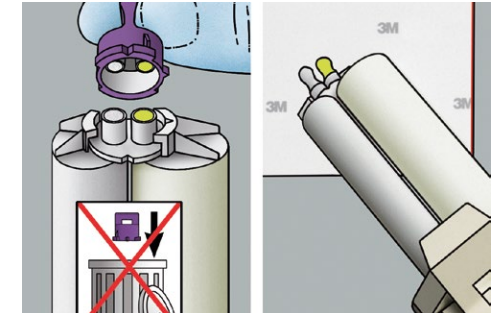
Insert the 3M™ Penta™ Foil Bag into the 3M™ Penta™ Cartridge.



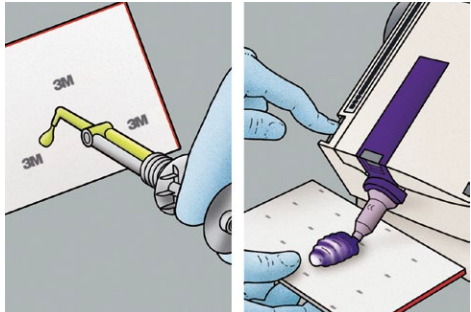
Insert the 3M™ Impregum™ Penta™ Super Quick Heavy or Medium Body cartridge into the 3M™ Pentamix™ 3 Automatic Mixing Unit. With the cartridge loaded, you are ready to mix impression material.



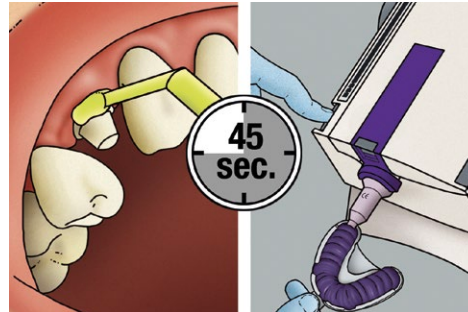
For the 3M™ Impregum™ Super Quick Light Body cartridge either use the 3M™ Mixing Tip Purple or the 3M™ Intra-oral Syringe Purple. For proper use of the Intra-oral Syringe see the respective operatory guide.



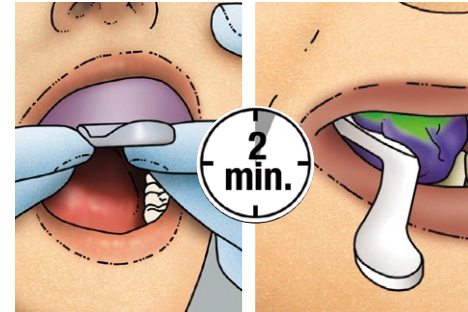
Before attaching either the 3M™ Mixing Tip Purple or the 3M™ Intra-oral Syringe Purple, dispense a small amount from the wash material cartridge on a mixing pad. Retain the cap of the cartridge to close it after usage.



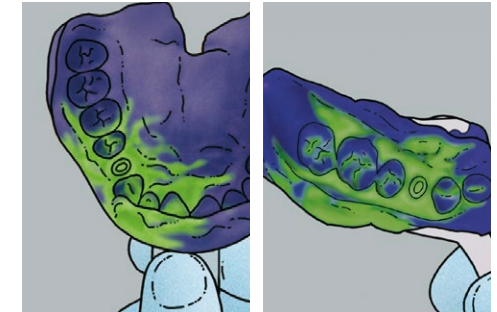
If using the 3M™ Intra-oral Syringe Purple, dispense a small amount of impression material from both the loaded Intra-oral Syringe and the 3M™ Pentamix™ 3 Automatic Mixing Unit on a mixing pad to ensure a homogeneous mix.



Fill the tray completely while keeping the mixing tip immersed in the material. Syringe the preparation simultaneously. Working time of both 3M™ Impregum™ Super Quick tray and wash material: 45 sec.



Place the filled full arch/dual arch tray into the mouth. Intra-oral setting time of 3M™ Impregum™ Super Quick Material: 2 min.



After 2 minutes the impression can be removed from the mouth.



3M UK PLC
Charnwood Campus
10 Bakewell Road
Loughborough LE11 5RB
08705 360 036 / oralcareuk@mmm.com

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