

3M Science.
Applied to Life.™



**3M™ (Soft) Monophase
Polyether Impression Materials**

**Take control of
challenging cases.**

Polyether impression materials brought to you by 3M Science.

3M™ (Soft) Monophase Polyether Impression Materials

Taking precision impressions is a critical step in providing patients with high-quality restorations. Since the introduction of the first impression materials more than 45 years ago, 3M Science has continuously advanced impression technology. Award-winning 3M polyether impression materials—tried and tested for decades—have become a synonym for top-notch impression precision.

3M (Soft) Monophase Polyether materials are your material of choice for all of your precision impressions—and especially for implant impressions.

Relax...

a unique “snap-set” material means less stress.

3M (Soft) Monophase Polyether materials maintain their superior flowability throughout a very long working time. And, they start setting when the working time ends—not a moment sooner. This makes it outstandingly forgiving with less opportunity for errors—delivering distortion-free impressions.

Your choice for complex cases.

3M (Soft) Monophase Polyether materials have 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.



Our Monophase Polyether behaves the same way as your trusted 3M™ Impregum Polyether Materials.

3M™ (Soft) Monophase Polyether Impression Materials have the precision and flow properties of 3M Impregum impression material. Our shark fin test proves this: The taller the fin, the greater the flow. Both materials will flow better than VPS materials.

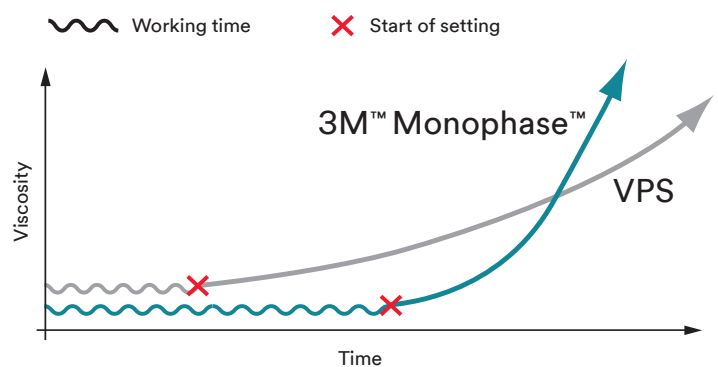
Source: Carlos Eduardo Sabrosa CD, MSD, DScD, Brazil.



3M™ Impregum Medium Body Impression Material (left) and 3M™ Monophase™ Impression Material (right).

Less stress due to unique “snap-set behaviour”.

3M (Soft) Monophase materials are ultra-forgiving. Their snap-set behaviour ensures the material will not start setting before the working time ends; and when it does, it does so immediately. Hence, the indicated working time can actually be used to full capacity.



Polyether impression materials have longer working times than VPS materials. In contrast to VPS materials, 3M™ (Soft) Monophase Impression Materials do not change consistency during working time. Hader S., Kuppermann B., Ranftl D., Klettke T.: Flow of Fast-Setting Light Bodied Impression Materials During Working Time. CED 2005 #607

Splinted esthetic central crowns

Clinical dentistry and photography provided by Dr. Rafal Medzin, Poland.



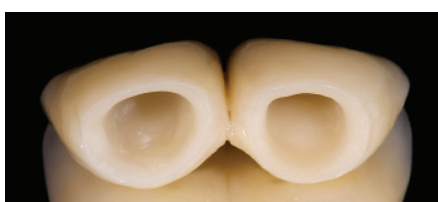
1. Initial situation: aesthetically insufficient PFM crowns.



2. After removal of existing metal posts and endo treatment with 3M™ RelyX™ Fiber Post cemented with 3M™ RelyX™ U200 Self-Adhesive Resin Cement and core build-up with composite.



3. Close up of the preparation area is seen with the polyether impression made with 3M™ Soft Monophase™ Impression Material.



4. Lab fabricated veneered 3M™ Lava™ Plus High Translucency Zirconia splinted crowns.



5. Esthetic 3M™ Lava™ Plus High Translucency Zirconia Crowns cemented with 3M™ RelyX™ U200 Self-Adhesive Resin Cement.








6. Splinted crowns add more stability but still allow for great esthetics.

Indications

3M™ (Soft) Monophase Polyether Materials are ideal for:

- Implant impressions
- Fixation impressions
- Impressions of inlay, onlay, crown, bridge, and veneer preparations
- Functional impressions



Product	Dispensing System	Viscosity Low  High	Setting Version	Working Time* at 23°C/73°F	Total Setting Time**
Medium Body Materials					
3M™ Monophase Polyether Impression Material			Regular Set	2:45	6:00
3M™ Soft Monophase Polyether Impression Material			Regular Set	2:45	6:00

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

Ordering information

Item #	Product Information
Single Packs	
31796	3M™ Monophase Single Pack Contains: 1 Monophase base paste – 300 ml, 1 Monophase catalyst – 60 ml
31798	3M™ Soft Monophase Single Pack Contains: 1 Soft Monophase base paste – 300 ml, 1 Soft Monophase catalyst – 60 ml



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