

Even in water,
it leaves the *impression* of a winner!



New in
Europe

Tokuyama ESTESIL H₂TOP™

Ultra flowable & wettable silicone material



Polyvynilsiloxane for TOP final results!

 Tokuyama Dental

Tokuyama ESTESIL H₂TOP™

ULTRA FLOWABLE & WETTABLE SILICONE MATERIAL

INDICATION FOR USE ("Colored Round Stickers" help you selecting the material and its pairing)



MONOPHASE Δ

As a base in the simultaneous two viscosity technique of impressions for: crowns, bridges, inlays, onlays and veneers. Indicated for the dual arch technique".



MONOIMPLANT

In the monophasic single viscosity technique for: positioning of pickups of implants, antagonists, position and functional impressions.



PUTTY

As a base in the two phase two viscosity technique for: crowns, bridges, inlays, onlays and veneers.



HIGH FLOWABILITY

Precision impression for supragingival or iuxta gingival preparations.



EXTRA HIGH FLOWABILITY

Precision impression for subgingival reading.



HEAVY

As a base in the simultaneous two viscosity technique. Indicated for the dual arch technique.



Detail definition

- The mix of highly wettable surfactant hydrophilic fillers, patented by Tokuyama, allows the material to reproduce precise details even in more difficult areas, even in case of dampness.
- High tear strength, guaranteeing the "reading" of tiny details.

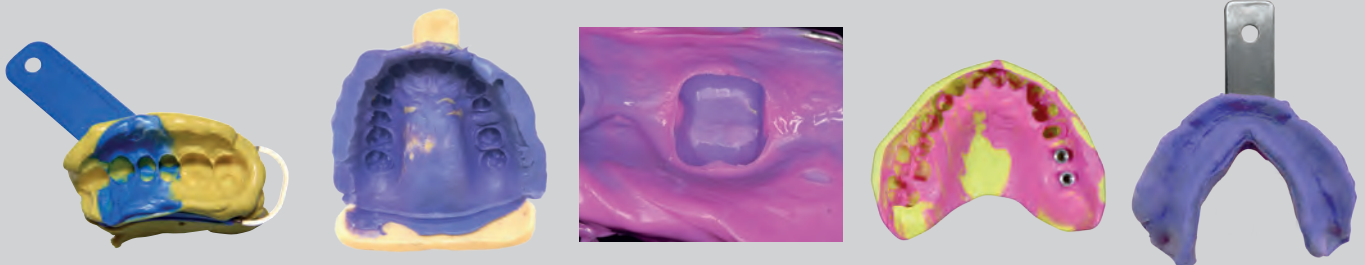
Precision

- Easy and precise impression removal.
- Excellent reproduction of anatomical details, also inside the gingival groove.
- High dimensional precision, ensuring a precise reproduction of the original impression on the plaster model.

Flowability

- High flowability, under pressure, around and among the prepared margins in the gingival groove.
- Innovative rheology developed by the Tokuyama labs, effortless removal, extreme resilience of the material.
- Thixotropic thanks to the excellent filler mix and the patented platinum complex.

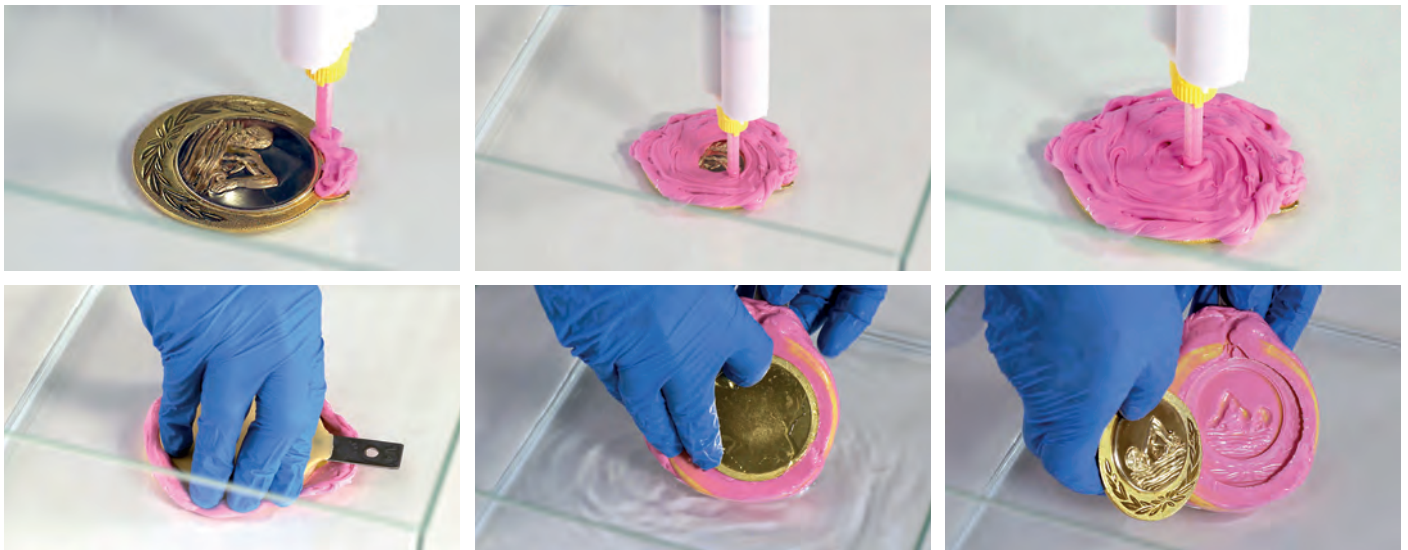
PUTTY WASH? DOUBLE MIXING? TWO PHASE ONE STEP? MONOPHASE? DUAL ARCH?



Whatever the name of your technique, with ESTESIL H₂TOP™ ... you can!

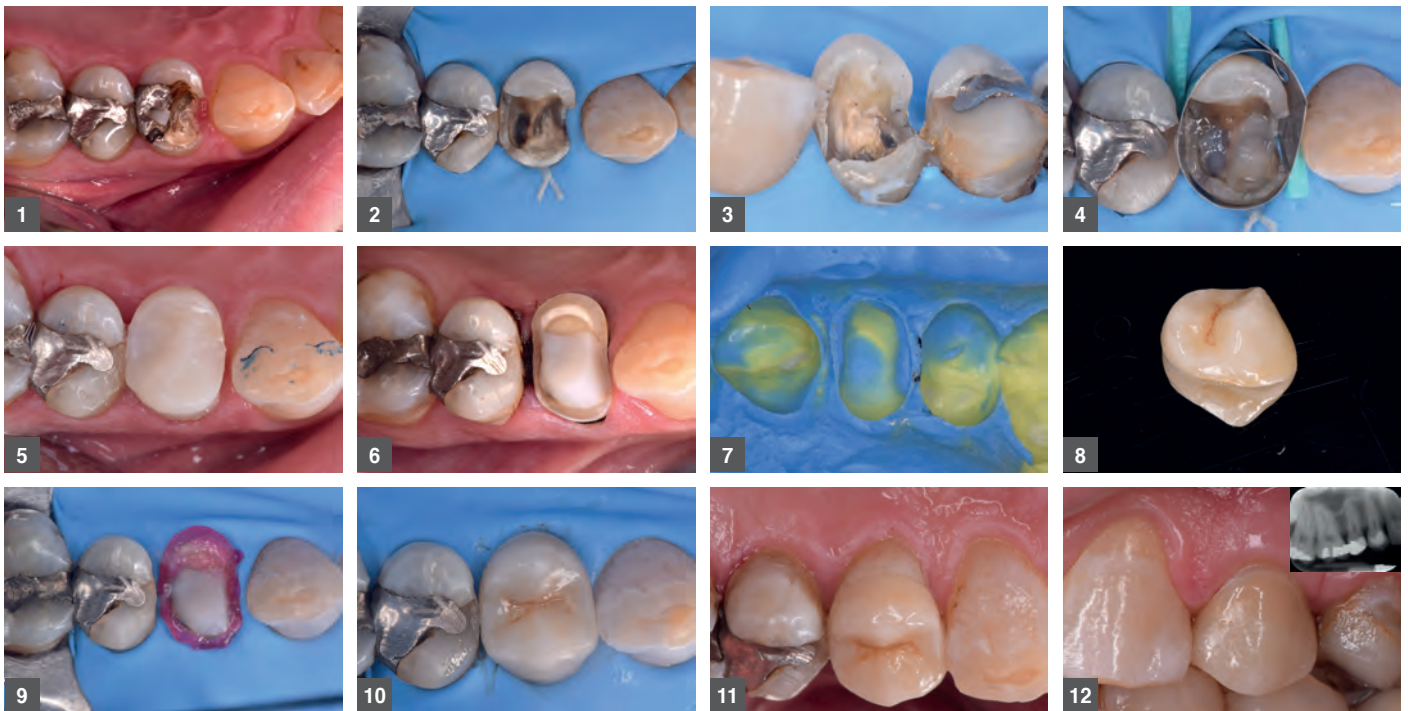
Detail definition

Tokuyama Estesil H₂TOP™ is the innovative line of precision impression materials designed by Tokuyama Dental's labs. Thanks to the technology developed in other chemical sectors and applications, it was possible to develop materials in polyvynilsiloxane with highly wettable surfactant hydrophilic fillers. It is a wide and comprehensive line, with 6 packages and different viscosities to ensure the greatest modularity depending on the different impression techniques and/or different prosthetic works to be performed by the clinician. The precise detail reproduction, even in the most extreme conditions like in case of immersion of the materials in water, allows the clinician to achieve TOP results! It is the detail impression under the visible areas that makes the difference!



OVERLAY cementation on tooth 15

Courtesy photos: Dr. Andrea Fabianelli - Cortona (AR) - Clinical case



The patient came to the office with a fracture of tooth 15 (1). The vitality test of this tooth was positive, with values within the normal range. After applying a rubber dam (2) the cavity was cleaned (3) and a build up was applied (4, 5). The tooth was then prepared for an overlay (6) and an impression was taken (Estesil Tokuyama) (7). In the lab, a monolithic overlay was created (8). On the second appointment, after applying the dam, the overlay was cemented with dentinal bond (Universal Bond Tokuyama) and resin cement (Estecem II, Tokuyama) (9, 10). The restoration was controlled in the cavity and x-rays control was performed (11, 12).

Precision

Every clinician knows how important precision is for prostheses. The treatment of dental and periodontal tissues, the appropriate preparation of the site of which impressions are to be taken are fundamental elements which, if combined with a performing material, result in “clean” impressions, where precision and the reproduction of details (both on natural teeth and implant abutments) can be transferred exactly on the prosthesis. High **flowability** in all the areas in which impressions are to be taken, excellent **thixotropy**, optimal **snap-set** effect and **elastic** memory, make Tokuyama **ESTESIL H₂TOP™** the ideal material to be combined with the clinician’s skills in teeth pretreatment and preparation.

For **TOP** results!

Courtesy photos Dr. Mario Semenza - Sant'Angelo Lodigiano (LO)



Fixed prosthesis

Courtesy photos: Dr. Andrea Fabianelli - Cortona (AR) - Clinical case



The patient came to the office to have her front fixed prosthesis redone because she no longer liked its appearance (1 and 2). The old prosthesis was removed, feather edge preparation was performed on the core and the volumes of the soft tissues were improved (3, 4, 5). After the necessary maturation time, PVS impressions were taken (Estesil Tokuyama) (6, 7). The prosthesis was in layered zirconia (PFZ), adhesively cemented in periodontal health (8, 9, 10, 11).

Flowability

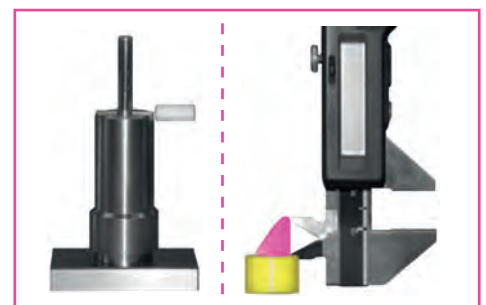
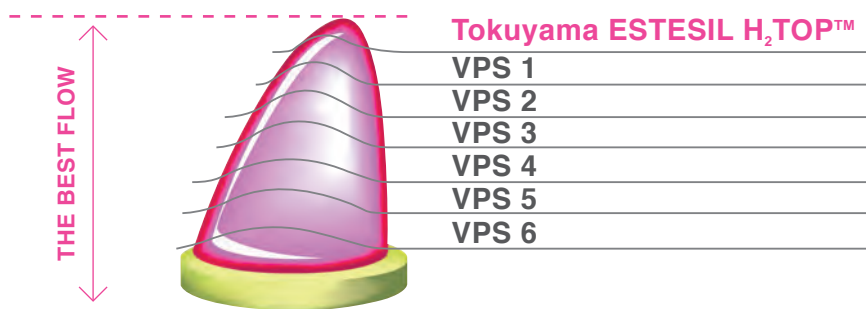
Tokuyama ESTESIL H₂TOP™ has superior flowability features, meaning that it is able to capture the most important details, including those beyond the preparation margin.

It is indicated for all the impression techniques, both with horizontal and vertical preparations. The clinic images show very clearly the finishing lines and the anatomical structures, all important details to develop a model faithfully representing the original, resulting in a precision prosthesis.



Flowable Shark Fin Test

With the aim of testing the flowability and viscosity of the impression material a test was performed: the material was injected in a mold, a weight was applied and a sample with the shape of a “shark fin” was obtained. Subsequently, the height was measured. Other materials on the market were tested. A higher flowability results in a higher "fin".



Tokuyama ESTESIL H₂TOP™
 MEAN HEIGHT OF SHARK FIN 24,37 *
 SD 0,72 *

IMPRESSION TECHNIQUE

MONO PHASE (only one phase)



PUTTY-WASH (two viscosities in two different phases)



TWO PHASE ONE STEP (two viscosities in only one step)



* Source: Tokuyama Dental R&D Data

Available packaging



TOKUYAMA ESTESIL H₂TOP™
Ultra flowable & wettable silicone material
 - 44100 A/B KIT PUTTY SOFT 2x300 ml



TOKUYAMA ESTESIL H₂TOP™
Ultra flowable & wettable silicone material
 - 44325 A/B KIT HF 2x50 ml
 6 mixing tips + 6 intraoral tip
 - 44300 A/B KIT HEAVY B 2x50 ml
 6 mixing tips
 - 44350 A/B KIT EHF 2x50 ml
 6 mixing tips + 6 intraoral tips



TOKUYAMA ESTESIL H₂TOP™
Ultra flowable & wettable silicone material
 - 44200 A/B KIT MONOPHASE Δ 2x380 ml
 10 mixing tips
 - 44250 A/B KIT MONO IMPLANT 2x380 ml
 10 mixing tips



Tips and tricks

** other tips on the product page in our website*

- Simultaneous impression: dispense the material in the oral cavity in the preparation area while the assistant fills the tray. Make sure that both operations are performed simultaneously because the oral cavity's temperature accelerates setting times.
- Impression removal: remove the tray from the oral cavity with your fingers following the axis of the impressed area (preparation area). Do not remove it on a slanted or tilted line because this may strain the material or cause imperfections.
- Storage: in case the material curing times are to be extended, as for large works or high temperatures as in the summer time, store the material in the fridge at a suitable temperature.
- Cleaning/Disinfection: correct mixing... *

TOKUYAMA DENTAL SUGGESTS ITS RELINING MATERIALS



Tokuyama Rebase II
 Innovative resin for direct hard permanent linings, chairside.
 One-of-a-kind!



Sofreliner Tough M
 Perfect combination between softness and elasticity. Silicone liner for soft lining.



Sofreliner Tough S
 Sofreliner Tough S by Tokuyama is the innovative extra soft resin, (24% shore hardness).



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