

Estelite Bulk Fill Flow



Single layer solution *FLOW* which eliminates shrinkage stress.

At last you will be able to use a flowable **"Bulk"** composite for your esthetic restorations, without the **stress** of cavity configuration.



Estelite Bulk Fill Flow



Resin composite for dental restorations.

Easy

Single placing up to 4 mm. No need of final "capping layer". Extremely easy polishing.

SUPRA-NANO SPHERICAL FILLER

- Outstanding polishability
- Long lasting superior gloss
- High physical and mechanical performance

NEW PATENTED "EDGELESS" FILLER

- Spherical prepolymerized rounded shape Supra-Nano fillers
- Less stress
- Reduced polymerization shrinkage





*This is not a Tokuyama Dental registered trademark

Esthetic

High color match with the surrounding dentition. Superior and long lasting retention gloss.

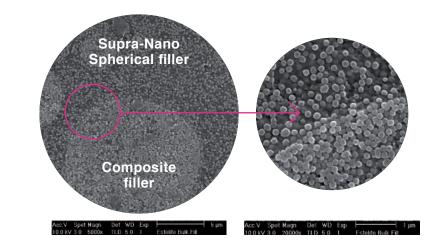
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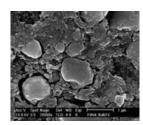


- Lateral-posterior cavity restorations
- Class I and II cavity lining
- Cavity base for indirect restorations (eliminating undercuts)
- Small repairs of porcelain/composite.

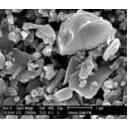
Reliable

Reduced shrinkage stress. Good adaptation to cavity walls. High wear resistance and low wear with opposing tooth.





*Filtek Bulk **Fill flowable**

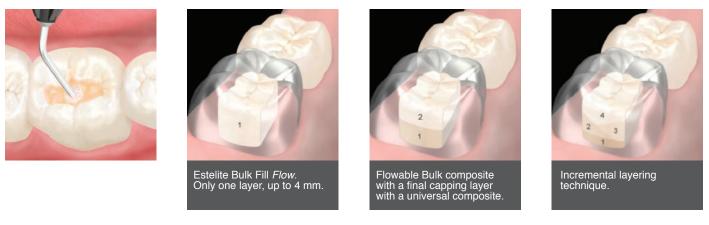


Venus **Bulk Fill**

Easy

Estelite Bulk Fill *Flow* is totally different from traditional fluid bulk composites, which require a final "capping layer" with a universal composite. With Estelite Bulk Fill *Flow*, only ONE layer up to 4 mm is enough to complete a restoration. The reduced curing time thanks to the "RAP Technology" and the easy polishing reduce the time to complete a restoration and make it easier without compromising the esthetic outcome.

Easy filling



Quick curing, excellent smoothness, self-leveling effect



Estelite Bulk Fill Flow (Adhesive: BF II)

ESTELITE BULK FILL Flow

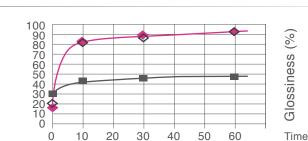
Estelite **ZQuick**

Sonic Fill*

Easy polishing



Estelite Bulk Fill Flow gloss reaches over 80% after 10 seconds only.



Gloss measured at 60 seconds using an IdentoBrush brush

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Estelite 2Quick													
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** Filtek Bulk Fill													1
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*: ≥800mW / cm²

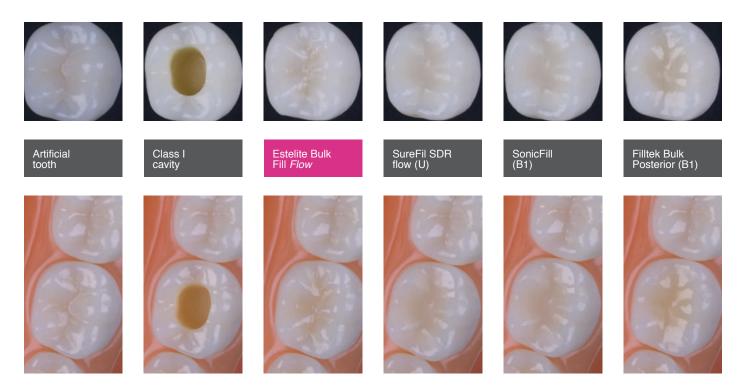
Source: Tokuyama Dental R&D

Esthetic

Estelite Bulk Fill Flow as a natural esthetic effect

The "chameleon" effect and the appropriate translucency degree of Estelite Bulk Fill *Flow* create an excellent color match with the surrounding dentition.

The difference between the composite restoration and the natural tooth is hardly noticeable!



Superior and long lasting retention gloss

The Supra-Nano spherical filler, patented by Tokuyama with the Sol-Gel technique, makes polishing easier also in Estelite Bulk Fill *Flow*, as in the Tokuyama composite range.

The unique shape and size of the filler particles allow to obtain a smooth surface which remains glossy over time.

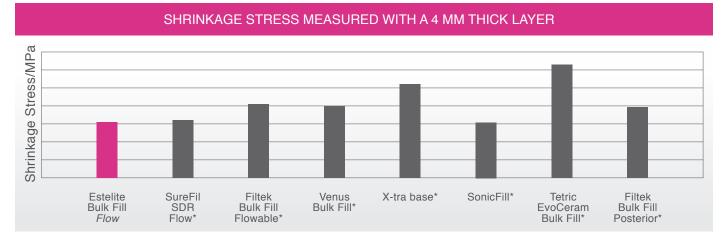
3.7 3.2 4.1 2.6 14 34 14 40.1 27 2.7 2.0 2.0 1.4 13 0.0 80.0 40, 0 40.0 40. 0 Venus Bulk Fill Estelite Bulk Fill *Flow* SureFil SDR flow (U) SonicFill (B1)

IMAGES OF GLOSS AFTER 10,000 HEAT TEST CYCLES

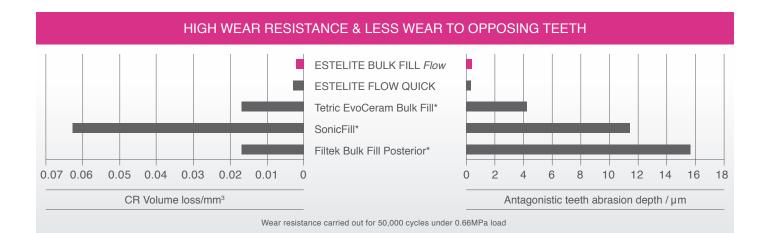
Reliable

LOW SHRINKAGE STRESS

The spherical shape of the Supra-Nano particles and the new "edgeless" rounded shape of the new prepolymerized filler used in Estelite Bulk Fill Flow do not restrict the filler movement during polymerization. In this way the friction between the filler particles and the organic matrix is reduced. While the material is polymerized, the resin shrinks creating polymers, but the filler particles are free to optimize their position minimizing stress. The result we obtain is an even distribution of stress on the filler particles, while the composite resin shrinkage is reduced.



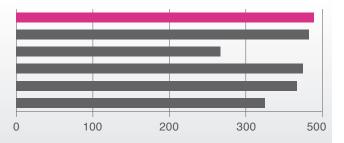
Thanks to its characteristics, including low shrinkage stress and good radiopacity(170%), Estelite Bulk Fill Flow ranks among the first compared to competitors. Its high values in compressive and flexural strength, combined with very low wear and abrasion values of the opposing teeth, make Estelite Bulk Fill Flow the ideal material for the areas subject to masticatory loads.



FLEXURAL STRENGTH (MPa)



COMPRESSIVE STRENGTH (MPa)



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SonicFill*

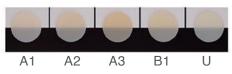
Available packaging



ESTELITE BULK FILL Flow

Syringe refills Contents: 1 syringe (3.0g); 10 intraoral metal tips Shade card Available in 5 shades

SHADES



TOKUYAMA Dispensing Tip Contents: 50 intraoral metal tips



ESTELITE BULK FILL Flow PLT refills Contents: 20PLTs (0.2g) Shade card Available in 5 shades

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	(wer) Tips and Friding
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	- Estelite Bulk Fill Flow was used to turn its translucency after curing to turn its translucency after curing from semi-transparent to opaque, thus from semi-transparent to opaque, thus
	to the transparent to optim
	from semi-transparent of increasing its final luminosity.

FOR THE ENAMEL-DENTIN BONDING TOKUYAMA DENTAL RECOMMENDS ITS ADHESIVES



Tokuyama Dental

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