

# About VinciSmile®

— Your Partner In Prosthetic Dentistry —

VinciSmile Group LLC is a worldwide dental supplier headquartered in Los Angeles, California USA. We offer a wide range of dental lab and clinical solutions, including NOBILDENT Resin Teeth, NOBILCAM CAD/CAM Materials, NOBILTRAY Lab Materials, PERFIT Elastomeric Impression Materials, Clinical Restorative Materials, and Invisible Orthodontic Appliance, etc.

Our company is committed to providing exceptional support services, offering comprehensive counseling and training for employees, agents, and customers. As an FDA-registered facility, we adhere to strict production quality assurance standards and maintain ISO 13485 certification.

# VinciSmile®

## TrusFIL Direct Restorative Solutions

- Much Simpler
- More Durable
- More Smiles

A fully aligned system to achieve high-quality and efficient esthetics



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Direct restorations are those that can be entirely fabricated and completed inside the mouth and do not require the use of a dental laboratory. Since they can be completed without the use of a dental laboratory, they can usually be completed during a single dental appointment and don't require the use of a provisional, or temporary restoration.

However, high esthetic natural tooth-like look is required for direct restorations, the restoration result depends on both clinicians' experienced professional operations and superior composite restoratives.

VinciSmile offers you a highly aligned direct restorative system, containing everything you need in direct restoration, helps you achieve a simple, durable and satisfying restoration result.



## VinciSmile TrusFIL Direct Restorative Solutions

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Shade Selection

2

Dental Pretreatment

3

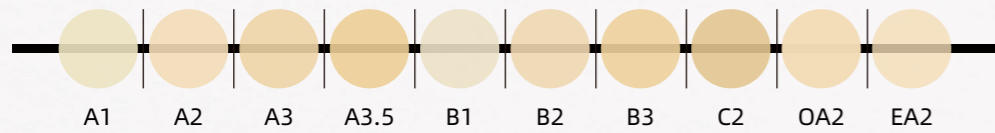
Adhesive Application

4

Restoration

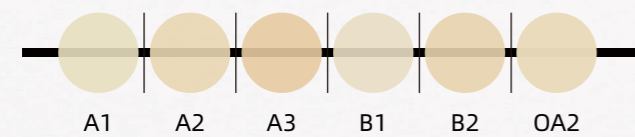
5

Protection



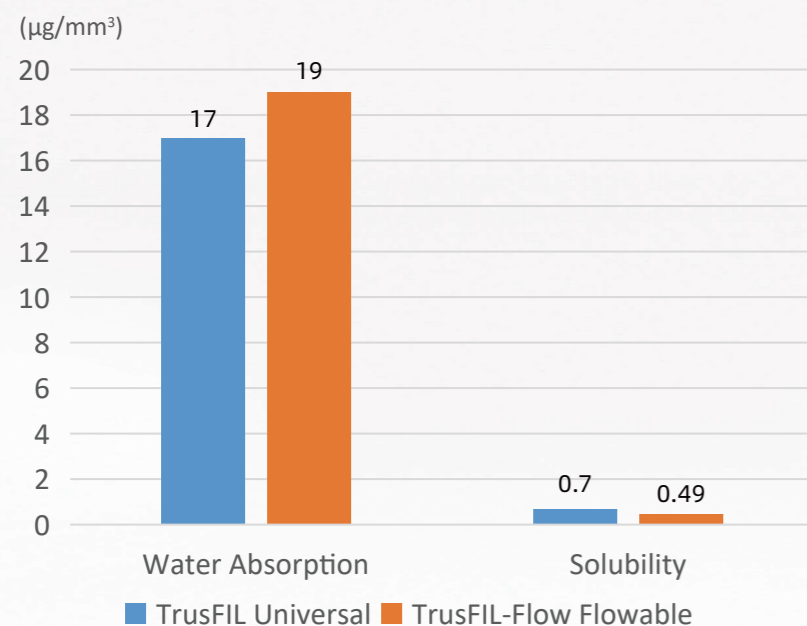
### TrusFIL Universal Composite Restorative

10 shades, 3 opacities  
for highly esthetic single-shade and multi-shade restorations



### TrusFIL-Flow Flowable Composite Restorative

6 shades, 2 opacities



\*Data from VinciSmile Lab

A natural, aesthetically satisfying direct restoration result requires an artistic shade system providing beautiful tooth-like look, as well as high efficiency. TrusFIL Composite Restoratives are designed to make highly esthetic, single shade restorations much simpler.

TrusFIL is optimized for esthetics, provides multiple designer shades in 3 different opacity levels to make a perfect natural match to dentition. TrusFIL offers additional improved handling of translucent shades, excellent polishability and polish retention. At the same time, TrusFIL features amazing color stability due to ideally low water absorption and solubility.

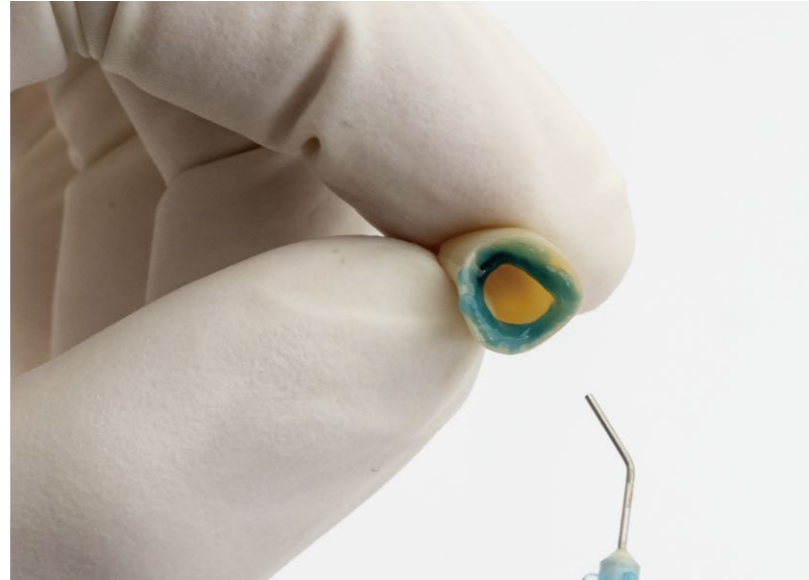


### Shade selection tips for esthetic restoration

- Select the shade in natural light.
- Composite restorations should emulate the optical characteristics of natural teeth.
- Different shades should utilized for dentin, enamel and incisal edge restorations.

A thorough pre-treatment, which includes cleaning, etching, drying steps, can lead to dramatic changes in practice of direct restorations.

Acid etching as a crucial step, utilizes phosphoric acid material, roughens up the enamel of the tooth in preparation for the application of adhesive, and effectively enhances bonding strength and the retention of composite restoratives.



## P-Etchant Phosphoric Acid Etching Gel

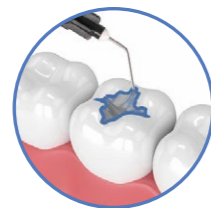
**37%W/W** concentration for strong bond

- Eliminate the surface dirt and fouling from enamel and dentin
- Roughen the enamel and dentin surface effectively.
- Fully open dentine tubules, which is easier for adhesive to penetrate and form resin protrusion.
- Bright blue color can be easily differentiated from the tooth.
- Consistent material thickness ensures simple and effective application.

## Etching Techniques



Self-etch  
(No phosphoric acid)



Selective etch  
(Phosphoric acid on  
enamel only)



Total etch  
(Phosphoric acid on  
enamel and dentin)

- Self-etch: Take away some of the technique sensitivity of etching dentin with phosphoric acid.
- Selective-etch: Allow a deep acid etch on the enamel margins while maintaining the benefits of a self-etch product, including low postoperative sensitivity and moisture tolerance on dentin.
- Total-etch: Ensure a thorough etch pattern on the surface of the enamel and the removal of the smear layer on dentin.

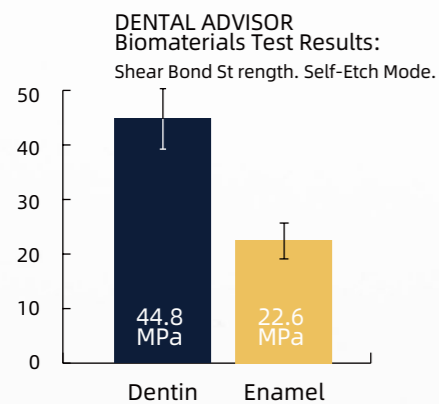


Adhesive offers additional strong bonds to the final direct restoration. There are too many options to choose, but universal adhesive is the top recommendation.

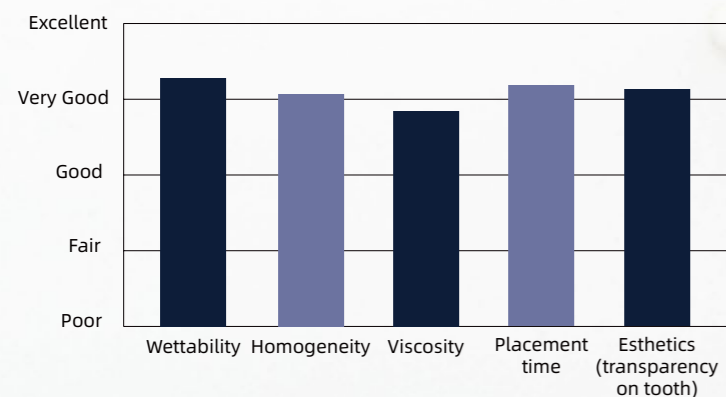
### Simple, Efficient, Versatile.....

Universal adhesive is the latest innovation with one-bottle technique and more reliable bonding strength. With no need for a separate primer and complicated bonding process, universal adhesive maximizes efficiency in practice, at the same time, the product stock amount is cut down.\* Reliable bonds and stability are the reasons for the choice as well. Featuring stronger and long-lasting bonding result, universal adhesive is compatible with multiple substrates in both direct and indirect restorations.

\* Ceramic Primer is needed for glass-ceramic restorations.



#### Evaluation Summary:



\*Data from Dental Advisor



27 CLINICAL EVALUATORS  
660 TOTAL USES  
86% CLINICAL RATING

## HugeBond Universal

A light-cured, single-component universal bonding agent which is:

- Used in self-etch, total-etch and selective-etch procedures
- Compatible with light-cured, dual-cured, and self-cured cements
- Reliable for bonding direct and indirect restorations
- Formulated with MDP monomer that enhances chemical adhesion to direct and indirect restorations such as dentin, enamel, composite, metal, and zirconia

### HugeBond Universal



HugeBond Universal

New HugeBond Universal FliPro coming soon \*  
Upgrade to the new FLIP-OPEN cap for easier application and accurate amount control.



HugeBond Universal FliPro

EASY TO USE WITH MANY INDICATIONS

#### Evaluators' Comments

“The ability to use a single bonding material for all styles and types of composites is very nice.”  
“The viscosity was thicker than most agents. I felt I had great coverage.”  
“The bottle design made it easy to get the amount you needed. Some bottle designs dispense more than what you need or want.”  
“Great consistency and clinical usability.”

Essential to the science and artistry of direct free-hand restoration, creativity enables dentists to devise and execute esthetic restorations using composite restorative system.

A thorough composite restorative system simplifies the practice, streamlines the whole process without compromising performance. It's accepted that striking a well balance between high efficiency and natural esthetics is the gold standard for a successful direct restoration.



- A1
- A2
- A3
- A3.5
- B1
- B2
- B3
- C2
- OA2
- EA2

### TrusFIL Composite Restorative System

composed of well-coordinated composites, ensures a time-saving workflow and natural- tooth-like esthetics.

- TrusFIL Universal Composite Restorative
- TrusFIL-Flow Flowable Composite Restorative



### Composite selection tips for direct restoration

#### Fracture Resistance

When building the incisal edge, Class IV incisal buildups, and restoring worn dentition, composites that withstand the rigors of occlusion and mastication are required. Wear resistance is a necessary characteristic of direct composites in order for restorations to maintain surface texture and anatomy.



#### Polishability

Composite resins must also provide high polishability to mimic the gloss of natural enamel. Although composite restorations may exhibit a great final polish when the patient leaves the office, the long-lasting polish requires more to composites.



#### Color Stability

Polymerization and polishing can affect color stability, as can a patient's dietary and other habits. Top-quality composites should demonstrate excellent color stability over years.



## Tiny tips for accurate placement

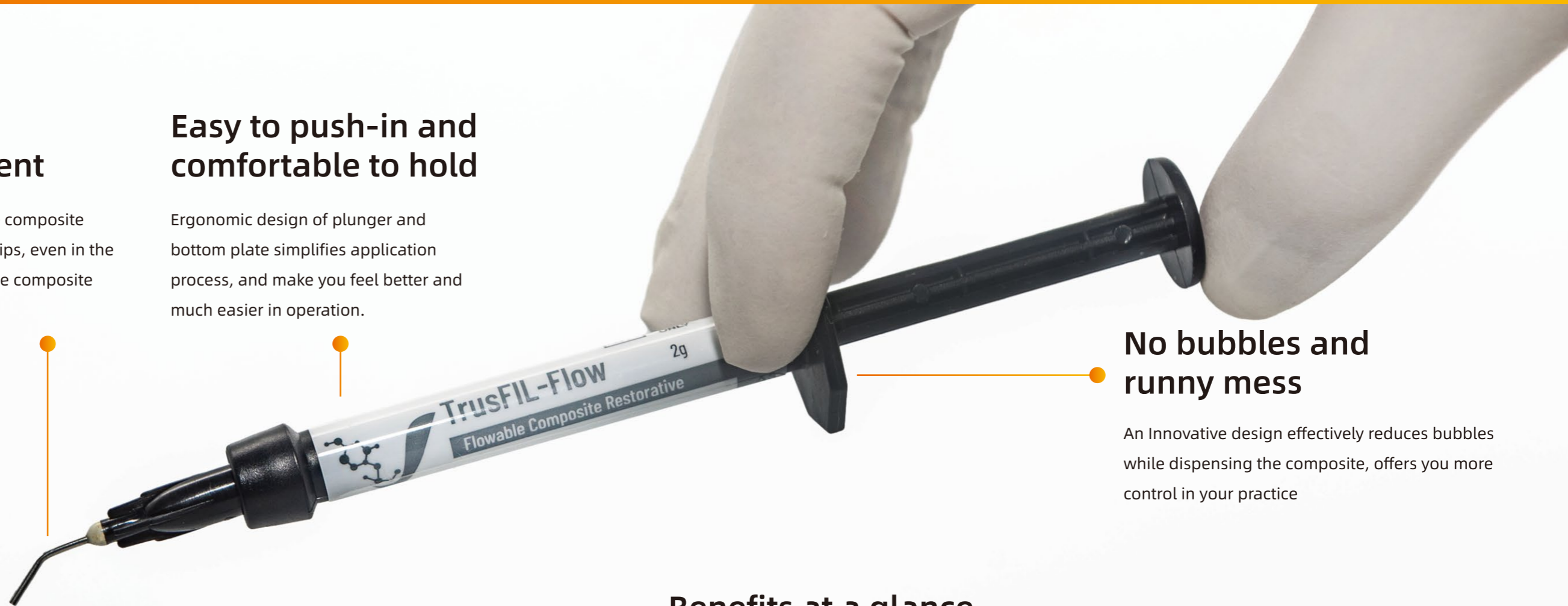
TrusFIL-Flow enables you accurate composite placement with the attached tiny tips, even in the deep cavity, you could dispense the composite down on uneven bottom as base.

## Easy to push-in and comfortable to hold

Ergonomic design of plunger and bottom plate simplifies application process, and make you feel better and much easier in operation.

## No bubbles and runny mess

An Innovative design effectively reduces bubbles while dispensing the composite, offers you more control in your practice



Optimized for both esthetics and efficiency, TrusFIL Universal and TrusFIL-Flow Flowable are indicated for Class I to V restorations in the anterior and posterior.

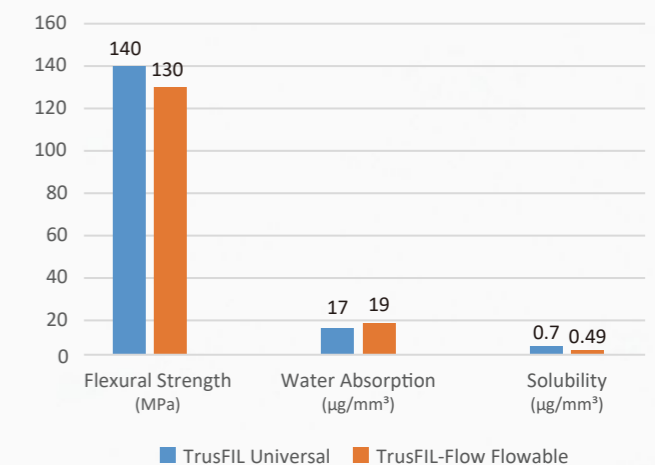
TrusFIL Universal stands out among composites due to its unexpected strength and polish retention imparted by VinciSmile nanotechnology. Meanwhile, TrusFIL Universal is available in 10 shades and 3 opacities, helps dentists easily deliver results that meet patients' esthetic needs. It is radiopaque, taking the guesswork out of future radiographs.

Featuring multi-shades, satisfying viscosity, and self-leveling technology, TrusFIL-Flow Flowable is an ideal injectable, can be applied as base/liner to create a perfect plane for subsequent restoration. The overall syringe design virtually eliminates bubbles and runny mess during dispensing.

TrusFIL Universal and TrusFIL-Flow Flowable form a fully aligned composite restorative system, allow the restoration to withstand wear and maintain optimum esthetics during its service.

## Benefits at a glance

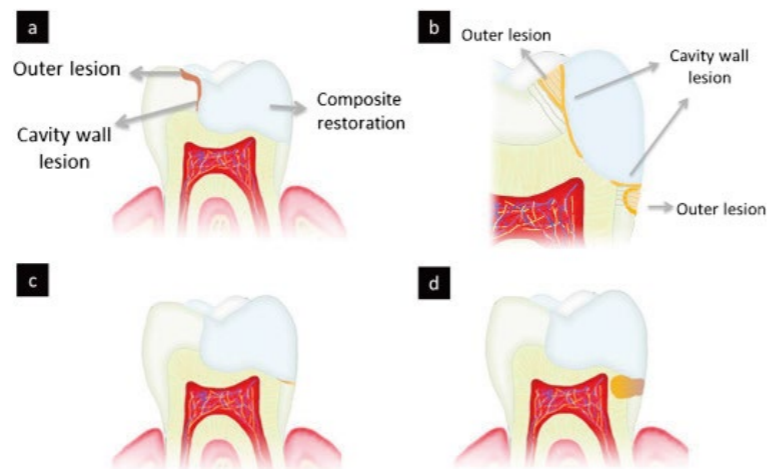
- 3 opacities and 10 shades provided for the lifelike appearance.
- Low polymer shrinkage effectively prevents secondary caries.
- High polishability and long-lasting shine appearance lead to a natural look.
- Able to withstand occlusal forces due to high flexural strength.
- Shape easily, not sticky.
- Over 400% of high radiopacity for easier identification at recall.



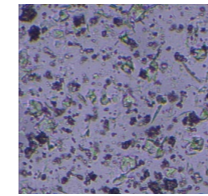
\*Data from VinciSmile Lab

There is a much greater chance that secondary caries occur to the patient who have had a cavity before. Secondary caries mainly occurs because of the formation of micro cracks after filling. When the micro crack width exceeds 50 micron, saliva will enter the micro cracks between the filling and tooth tissue. The cariogenic bacteria in the saliva will grow when the environment of micro cracks is appropriate, thereby producing secondary caries. Secondary caries is the main reason for the replacement of dental restorations, which means the failure of the restoration in some way.

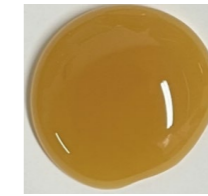
It's important for clinicians and patients both to protect against secondary caries, which can be realized by in-office and at-home protection treatments. The prevention of secondary caries includes micro crack control, fluoride use, teeth cleaning, tooth decay and gum disease treatment, and regular checkups.



## Benefits at a glance

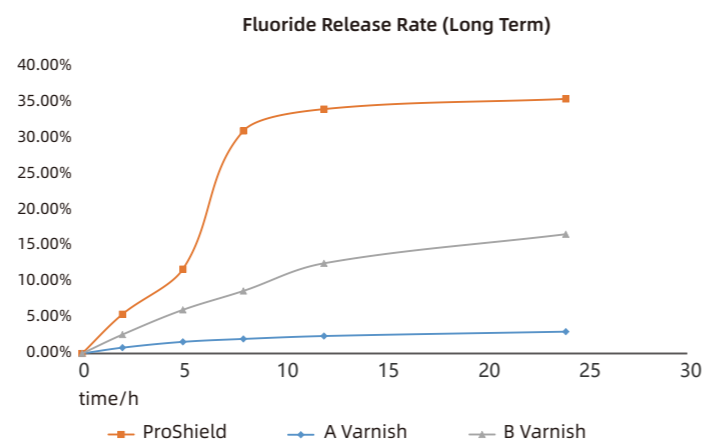
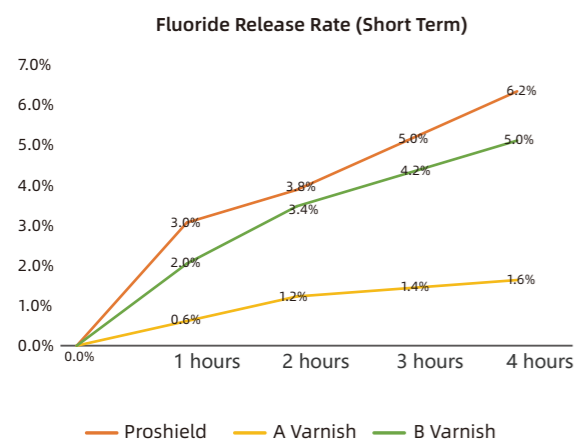


Fine and uniform particles enables a stable suspension of sodium fluoride, enhances fluorine releasing and distributing evenly.



Stable performance in long term and higher temperature resistance

- Stable and long-lasting fluorine releasing, strengthen secondary caries preventive effect.
- Strong acid-resistant mineral covers and occludes open tubules.
- Easy to apply, and sets rapidly in the presence of saliva.
- Multiple pleasant flavors.
- Offers Two different capacity options: syringe package and unit dose package, up to your operative preference



\*Data from VinciSmile Lab





You may know the benefits working with TrusFIL direct restorative solutions --- simplicity, strength, esthetics, stability.....In addition, VinciSmile is committed to becoming a reliable and all-round solution provider, brings you a professional and all-in-one TrusFIL kit.

TrusFIL kit contains etchant, adhesive, composites and all accessories you need in direct restorations. Save your time effectively and help you achieve clinical excellence for patients.

## Order Information

| Item #                 | Description  |
|------------------------|--|
| <b>HugeBond-LCDA</b>   | <b>HugeBond Universal Light Cure Dental Adhesive</b><br>Universal Adhesive, 5ml* 1 bottle        |
| <b>PETCH</b>           | <b>P-Etchant Phosphoric Acid Etching Gel</b><br>Etchant, 3ml* 1 Syringe+10 Dispensing tips       |
| <b>TRUSFIL-U-Shade</b> | <b>TrusFIL Universal Composite Restorative</b><br>Composite, 4g*1 Syringe                        |
| <b>TRUSFIL-F-Shade</b> | <b>TrusFIL-Flow Flowable Composite Restorative</b><br>Composite, 2g*1 Syringe+10 Dispensing tips |
| <b>ProShield</b>       | <b>ProShield Fluor Protector</b><br>Fluoride Varnish, 10g*1 Syringe/ 0.4g*1 Dose                 |

## TrusFIL Universal Composite Restorative

| Item #         | Shade Description |
|----------------|-------------------|
| TRUSFIL-U-A1   | Dentin A1         |
| TRUSFIL-U-A2   | Dentin A2         |
| TRUSFIL-U-A3   | Dentin A3         |
| TRUSFIL-U-A3.5 | Dentin A3.5       |
| TRUSFIL-U-B1   | Dentin B1         |
| TRUSFIL-U-B2   | Dentin B2         |
| TRUSFIL-U-B3   | Dentin B3         |
| TRUSFIL-U-C2   | Dentin C2         |
| TRUSFIL-U-OA2  | Opaque A2         |
| TRUSFIL-U-EA2  | Enamel A2         |

## TrusFIL-Flow Flowable Composite Restorative

| Item #        | Shade Description |
|---------------|-------------------|
| TRUSFIL-F-A1  | Dentin A1         |
| TRUSFIL-F-A2  | Dentin A2         |
| TRUSFIL-F-A3  | Dentin A3         |
| TRUSFIL-F-B1  | Dentin B1         |
| TRUSFIL-F-B2  | Dentin B2         |
| TRUSFIL-F-OA2 | Opaque A2         |



