

3M Science.
Applied to Life.™

Efficient Restorative Procedure Solution— Repair & Protect



**Because they like staying on
schedule as much as you do.**

Menu >

Your time matters as much as theirs ...

When your schedule gets thrown off—as we all know can happen—patients can't hide their disappointment, and your day runs long. So, to help you stay on schedule, we've simplified the procedure you perform most frequently—the posterior restoration.

At the core of the procedure is 3M™ Filtek™ One Bulk Fill Restorative ... with increased opacity for greater esthetics. It can be placed in one fast, easy increment up to 5 mm—without compromising esthetic results.

By using it with other 3M products that are designed to be easy to use, you'll move through posterior restorations with speed and simplicity.

Your patients will be happy—and so will you when you can end your day on time.



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INTRODUCTION

Posterior Restoration Procedure

Fast and easy from start to finish.

By using these innovative technologies together, you can move through a posterior restoration with speed and simplicity.



3M™ Scotchbond™ Universal Adhesive

Versatile. High bond strength. One simple technique and quick 35-second application. Virtually no post-operative sensitivity.



3M™ Filtek™ One Bulk Fill Restorative

Simplicity of bulk placement up to 5 mm deep. Low wear for durability and stress relief. Optimized opacity for greater esthetics.



3M™ Elipar™ DeepCure-S LED Curing Light

Predictable, reliable cure. Optimized light guide is more comfortable for patients and provides easier access to posterior teeth.



3M™ Sof-Lex™ Diamond Polishing System

Easily adapts to irregular, convex and concave tooth surfaces and imparts paste-like gloss with the convenience of a rubberized system. Fast and easy to use.



3M™ Clinpro™ Tooth Crème 0.21% Sodium Fluoride Anti-Cavity Toothpaste

3M's Tri-Calcium Phosphate (TCP) helps repair white spots and protect against cavities. It replaces the toothpaste in the normal brushing routine, making compliance easy. Non-prescription strength.



ADHESIVE

3M™ Scotchbond™ Universal Adhesive



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ADHESIVE

3M™ Scotchbond™ Universal Adhesive

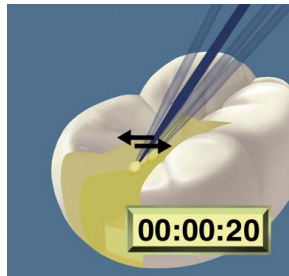
1-step, 1-coat adhesive for a quick application

You have enough decisions to make. Make your adhesive choice with confidence.

Simplifying the bonding step is no easy task. That's why 3M developed one adhesive you can trust and use with confidence on any dental surface, with any etching technique, in both direct and indirect applications.

You'll love its extreme versatility.

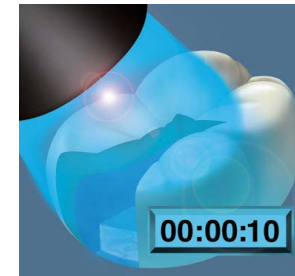
Quick 35-second application time



Using the disposable applicator, apply adhesive to the entire tooth. Rub it in for 20 seconds.



Gently air dry for about 5 seconds until it no longer moves and the solvent has evaporated completely.

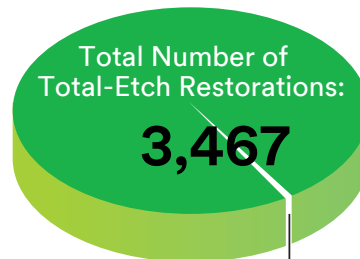


Light cure for 10 seconds. Complete restorative procedure as normal.

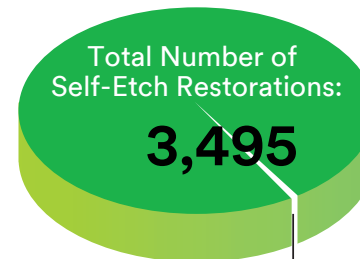


Virtually no post-operative sensitivity in total-etch or self-etch applications

Percent of total-etch restorations with Scotchbond Universal Adhesive having post-op sensitivity.



0.4%



0.06%

Prior to placement of the adhesive, the dentin and/or enamel may be acid etched depending on the dentist's preference.

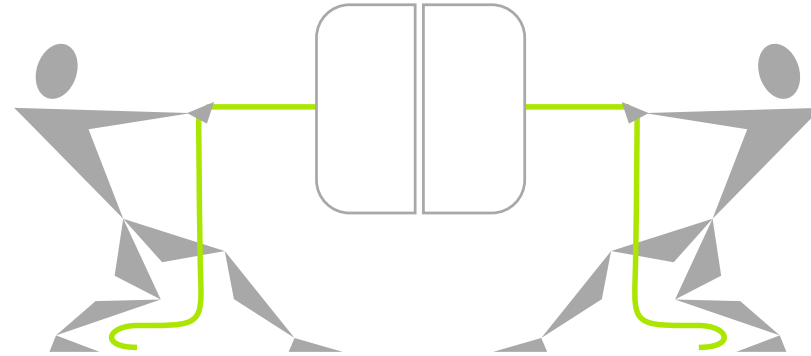
Source: 3M internal data

ADHESIVE

3M™ Scotchbond™ Universal Adhesive

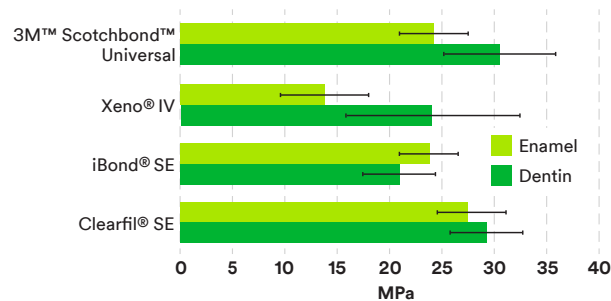
Use your preferred technique without compromising high-strength, reliable and durable bonds.

- High shear bond strength to cut dentin and cut enamel in the self-etch and total-etch mode
- Consistent bond strength to both moist and dry etched dentin
- Excellent marginal integrity for highly esthetic restorations



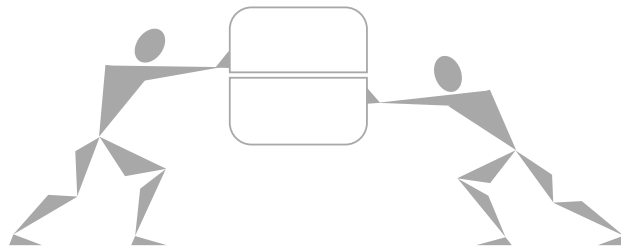
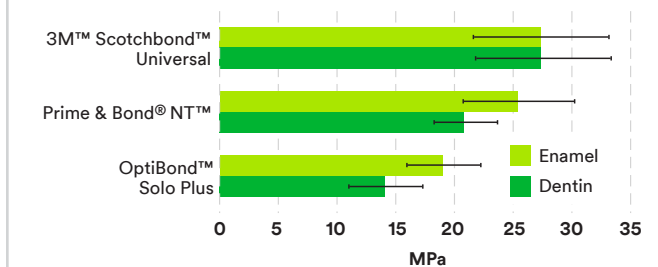
Self-Etch Bond Strength

3M™ Scotchbond™ Universal Adhesive vs. Competition



Total-Etch Bond Strength

3M™ Scotchbond™ Universal Adhesive vs. Competition



Bond to any surface.

3M™ Scotchbond™ Universal Adhesive bonds to all surfaces, including enamel, dentin, glass ceramic, zirconia, noble and non-precious alloys and composites—without additional primer. In combination with 3M™ Scotchbond™ Universal DCA Dual Cure Activator, Scotchbond Universal adhesive is compatible with all resin cements, core build-up materials and even self-cure composites!



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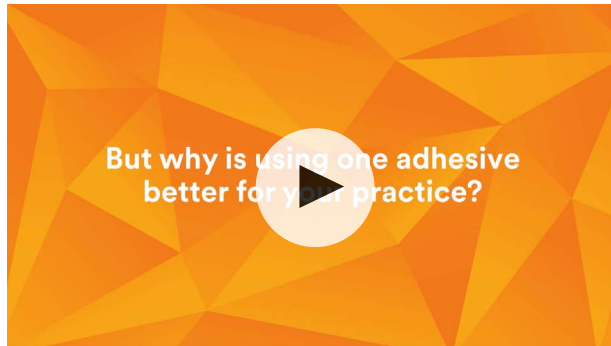
3M™ Scotchbond™ Universal Adhesive

Videos



Battle of the Bonds

Get the stats on 3M™ Scotchbond™ Universal Adhesive, and see what happens when it goes head-to-head with other dental adhesives.



Why One Adhesive?

Serious about simplifying your day and making your dental practice run more efficiently? This video will show you how.



Switch with Confidence

Thinking about switching to a universal adhesive, but need further convincing it's the right decision? This video helps put your worries aside.



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COMPOSITE

3M™ Filtek™ One Bulk Fill Restorative

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COMPOSITE

3M™ Filtek™ One Bulk Fill Restorative

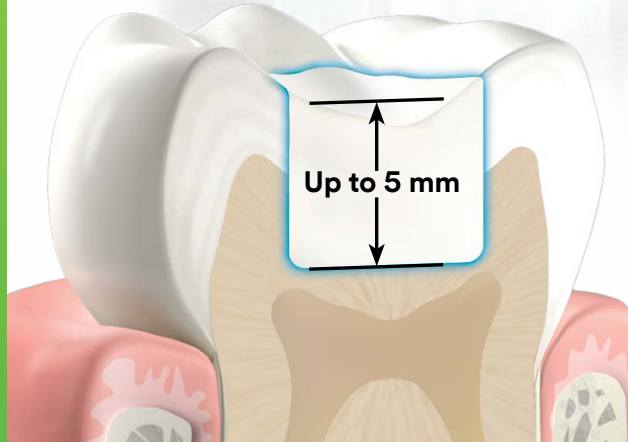
1-step bulk placement can now be more esthetic, too.

Posterior restorations are challenging—which is why bulk fill composites that simplify and speed up the procedure have become so popular.

However, until now, the faster, easier placement of bulk fill has been at the sacrifice of esthetics. So, as a global leader in esthetic and restorative technologies, we went back to our experts for a solution you're sure to love: 3M™ Filtek™ One Bulk Fill Restorative.

Up to 5 mm

Designed for the posterior, its unique optical properties and improved opacity give you the simplicity of one-step placement—up to 5 mm—without compromising esthetic results.



No need for layering or expensive dispensing devices. Just one bulk placement—up to 5 mm deep.



Campaign video

You choose a bulk fill composite for speed. Now it's more esthetic, too. Find out how 3M has delivered the simplicity and speed of bulk placement up to 5 mm ... without compromising esthetic results

COMPOSITE

3M™ Filtek™ One
Bulk Fill RestorativeThe 3M Science
behind improved
esthetics

How 3M Science enables the simplicity of one-step bulk placement with improved esthetics.

Further development of 3M nanotechnology allows us to manage opacity and depth of cure in a smarter way. With our unique Smart Contrast Ratio Management technology, we've increased opacity without reducing depth of cure.

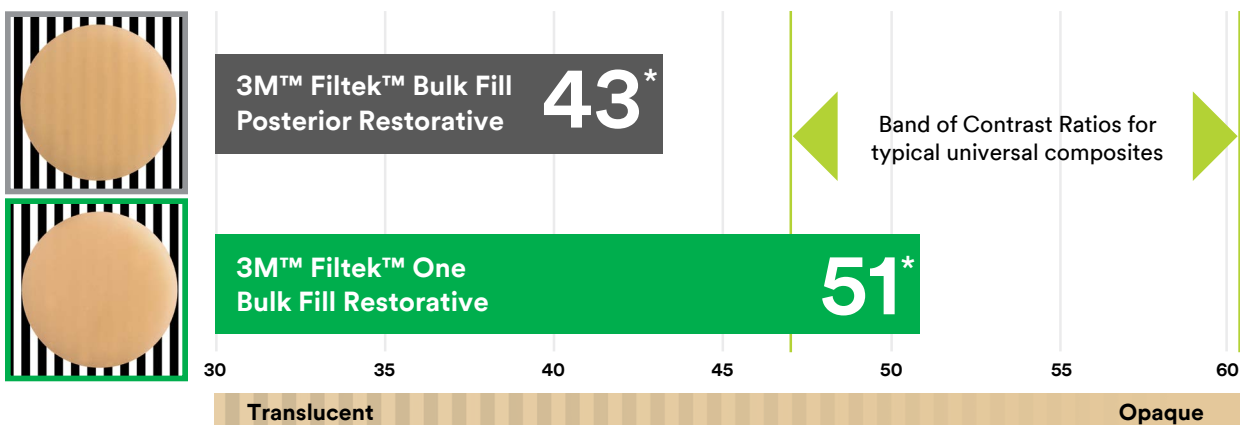
In its cured state, 3M™ Filtek™ One Bulk Fill Restorative has a higher opacity than 3M™ Filtek™ Bulk Fill Posterior Restorative, resulting in improved esthetics.

NEW!

Smart Contrast
Ratio Management

Contrast Ratio

Contrast ratio is the measurement of the translucency or opacity of the material.



*The contrast ratio is the average of all shades.

NEW!

Smart Contrast
Ratio Management

Technology video

Discover how 3M technologies set Filtek One Bulk Fill Restorative apart—delivering everything you want in a bulk fill composite, including improved esthetics.



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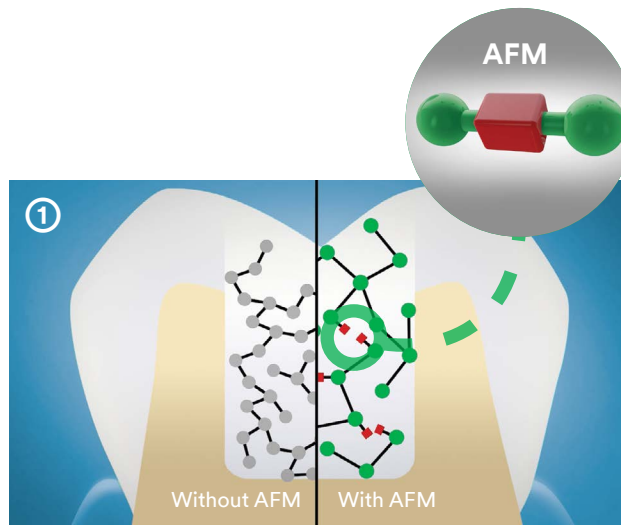
COMPOSITE

3M™ Filtek™ One Bulk Fill Restorative

The 3M Science behind stress relief and a 5mm depth of cure

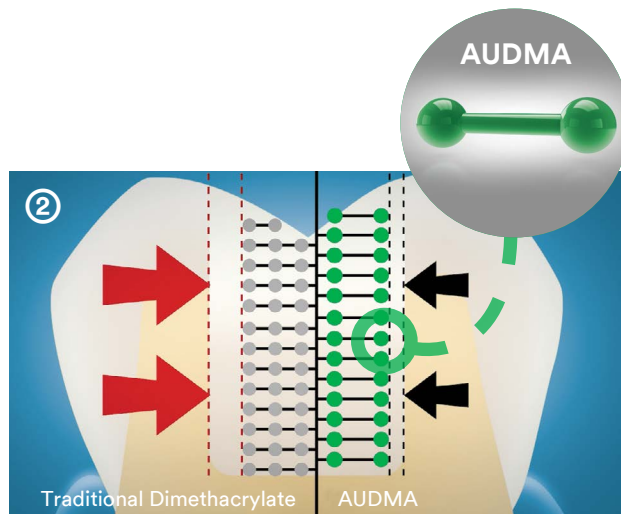
Traditionally, the best way to control polymerization shrinkage and stress was to incrementally place composite layers. However, this process is painstaking and can cost you time and money.

But 3M has changed all of that with 3M™ Filtek™ One Bulk Fill Restorative. It uses two resin components to reduce polymerization stress: AFM and AUDMA.



AFM

The innovative component of the first resin is an addition-fragmentation monomer (AFM). The unique feature of this resin is that during polymerization, the central group can fragment to relieve stress. The fragments can then re-polymerize in a lower stress state.



AUDMA

The other resin component is aromatic urethane dimethacrylate (AUDMA). Because it's a larger monomer than found in traditional dimethacrylates, it limits the number of shrinkage zones. That helps reduce the amount of shrinkage and stress that occurs during polymerization.



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3M™ Filtek™ One Bulk Fill Restorative

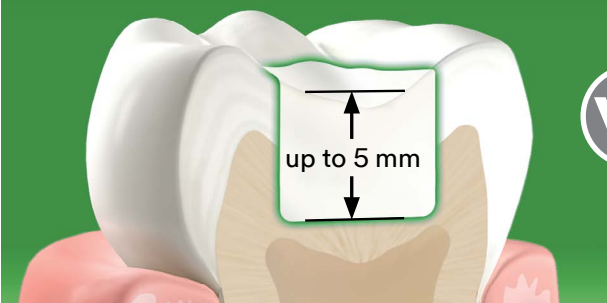
Why waste time with incremental layering?

Instead, you can improve productivity by placing 3M™ Filtek™ One Bulk Fill Restorative in one layer up to 5 mm deep.

Think of the time you'll save!

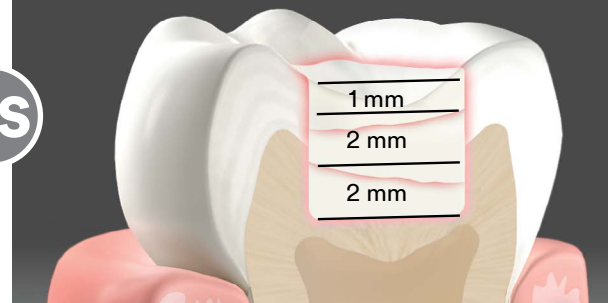
Filtek One Bulk Fill Restorative puts less or equivalent stress on the tooth than common incrementally placed universal composites.

3M™ Filtek™ One Bulk Fill Restorative



VS

Traditional Composites (2mm increments)

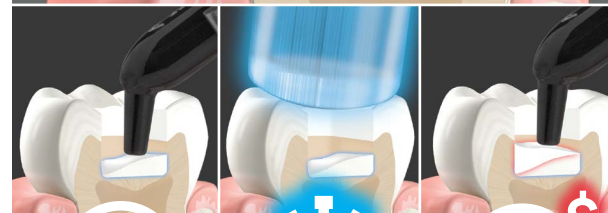


One bulk fill placement up to 5 mm

+



10 sec. light cure x 3 (occlusal, buccal, lingual)



2mm layer

+

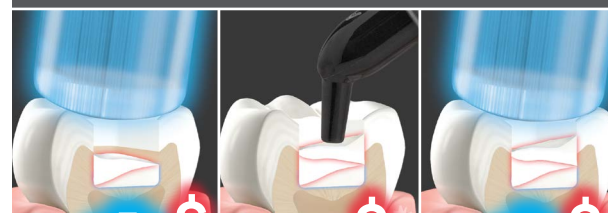


10 sec. light cure

+



2mm layer



10 sec. light cure

+



2mm layer

+



10 sec. light cure



Fact sheet

↓ DOWNLOAD NOW

\$ = additional steps, material or equipment.

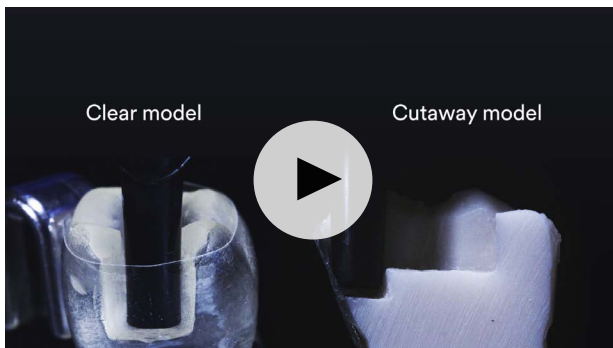
COMPOSITE

3M™ Filtek™ One
Bulk Fill Restorative

Excellent cavity adaptation that's similar to a flowable restorative

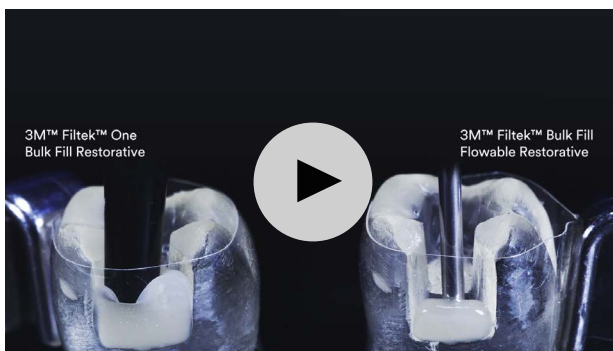
Another key factor to be considered for a material that will be filled in bulk is excellent adaptation to the cavity preparation. Watch these laboratory demonstrations to see how simple it is to achieve good cavity adaptation using 3M™ Filtek™ One Bulk Fill Restorative.

Watch the videos



Demonstration

To give you a real look at the unique viscosity, flowability and excellent adaptation of Filtek One Bulk Fill Restorative, we filmed it being placed in both a clear tooth model and a cutaway model—simulating a large posterior restoration.



Comparison

How well does Filtek One Bulk Fill Restorative adapt in a large cavity? Live-action video filmed in a clear tooth model provides an extreme close-up view of a side-by-side comparison to a *flowable* composite.



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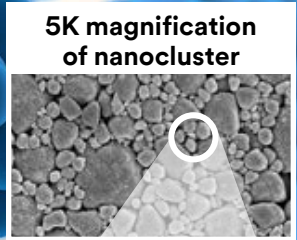
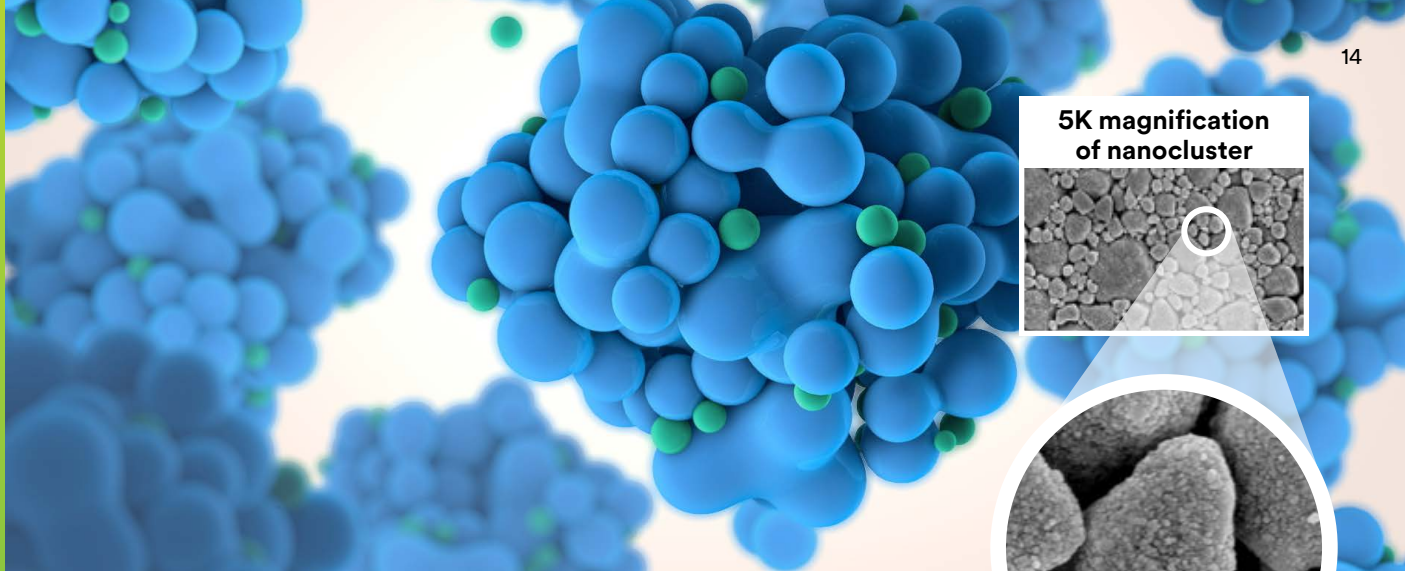
COMPOSITE

3M™ Filtek™ One Bulk Fill Restorative

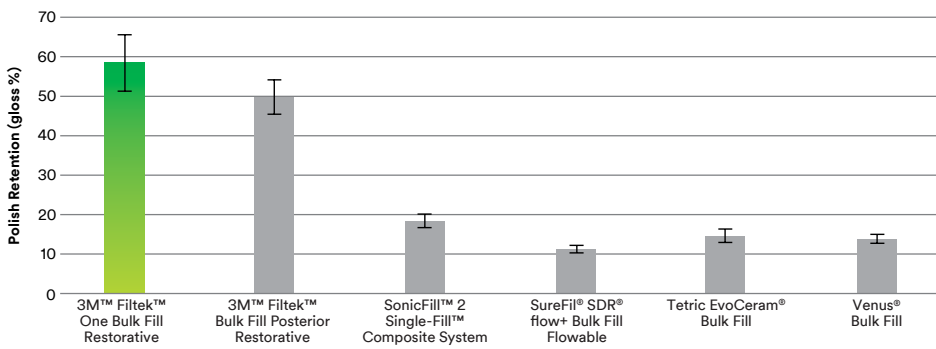
The 3M Science behind strength, wear resistance and polish

3M's TRUE nanofiller technology

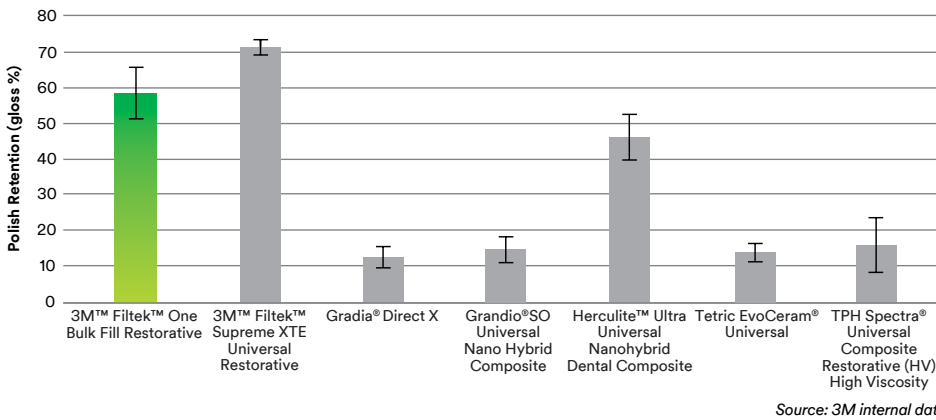
3M™ Filtek™ One Bulk Fill Restorative uses the same TRUE nanofiller technology that's been proven by other leading Filtek™ dental restorative products. This technology not only contributes to high strength, excellent handling and better wear resistance, but also to restorations that are fast and easy to polish.



Polish retention of common bulk fill composites



Polish retention of common incrementally placed universal composites



50K magnification of nanocluster

Unique Nanotechnology

Nanoparticles found in Filtek™ restoratives are uniquely formed in the nano size range and are not the result of a grinding process. Some are fused into nanoclusters, which shear at a rate similar to the wear of the surrounding resin matrix during abrasion—such as toothbrush abrasion—resulting in a smooth surface gloss and unsurpassed polish retention. The nanoclusters have a size range similar to fillers found in hybrid composites and provide high filler loading for excellent physical properties and wear resistance.

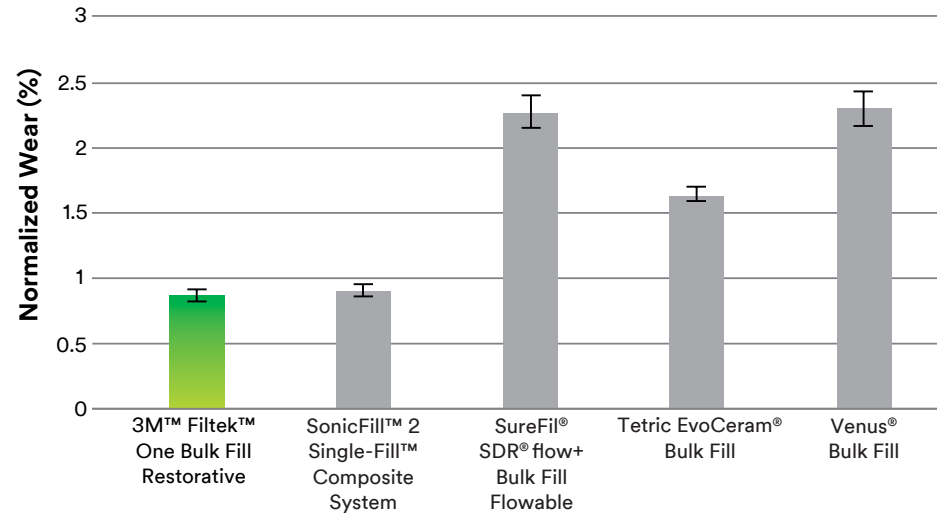
COMPOSITE

3M™ Filtek™ One Bulk Fill Restorative

Wear resistance is critical to long-term restorative success—especially with posterior teeth that sustain heavier use.

That's one reason why 3M™ Filtek™ One Bulk Fill Restorative is such an important part of the Efficient Posterior Restorative Solution—because it offers better wear resistance than a number of bulk fill and incrementally placed composites.

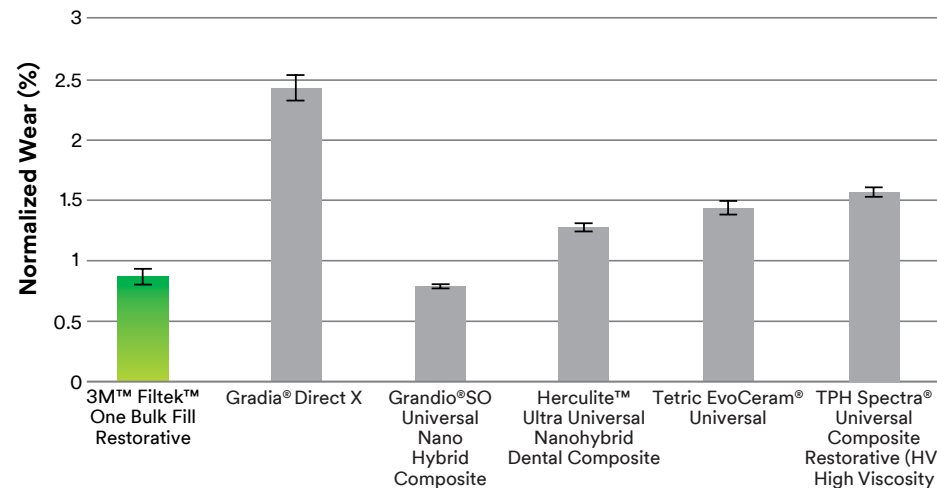
Wear resistance compared to other bulk fill materials



In-vitro 3-body wear of common bulk fill composites.

Source: 3M internal data

Wear resistance compared to incrementally placed universal composites



In-vitro 3-body wear of common incrementally placed universal composites.

Source: 3M internal data



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3M™ Elipar™ DeepCure-S LED Curing Light



CURING LIGHT

3M™ Elipar™ DeepCure-S LED Curing Light



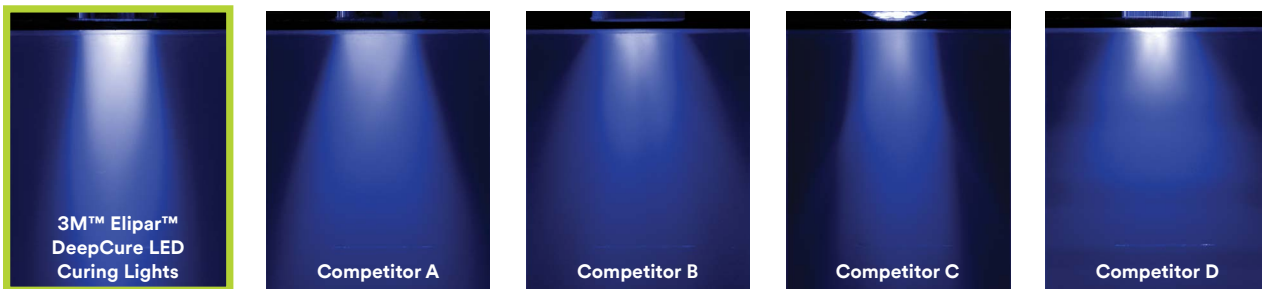
Be sure of your cure

Do you frequently use posterior or bulk fill materials? Research shows that 69% of dentists who place bulk fill restorations are not confident of polymerization deep in the cavity.¹ 3M took this as a challenge—and answered with 3M™ Elipar™ DeepCure LED Curing Lights. Dentists can choose from two models to match their preference: a high-quality, durable stainless steel version, or an equally high-performing lightweight model.

1. Clinicians Report, October 2014, Volume 7, Issue 10

A deep, uniform cure.

Elipar DeepCure LED Curing Lights hold true to their name. Due to optimized optics, you can be confident that your restorations will have a deep, uniform cure from center to rim, surface to cavity bottom and at clinically relevant distances. Laboratory test results below prove why.



Source: 3M internal data

Comparison of light penetration

More homogeneous energy distribution throughout the restoration. Images comparing the light penetration of various light curing devices show that the Elipar DeepCure LED Curing Lights produce a more collimated and uniform beam profile—even in deeper areas.



Undercuring

If you worry about undercuring, you're not alone. Light curing is a vital factor in successful restorations procedures. See how the 3M™ Elipar™ DeepCure-S LED Curing Light is designed to help you avoid undercuring.

CURING LIGHT

3M™ Elipar™ DeepCure-S LED Curing Light

You can have confidence of a full cure.

The deep, uniform beam profile and better light uniformity and intensity distribution of the 3M™ Elipar™ DeepCure-S LED Curing Light means a significantly better depth of cure—even when perfect light positioning is difficult.

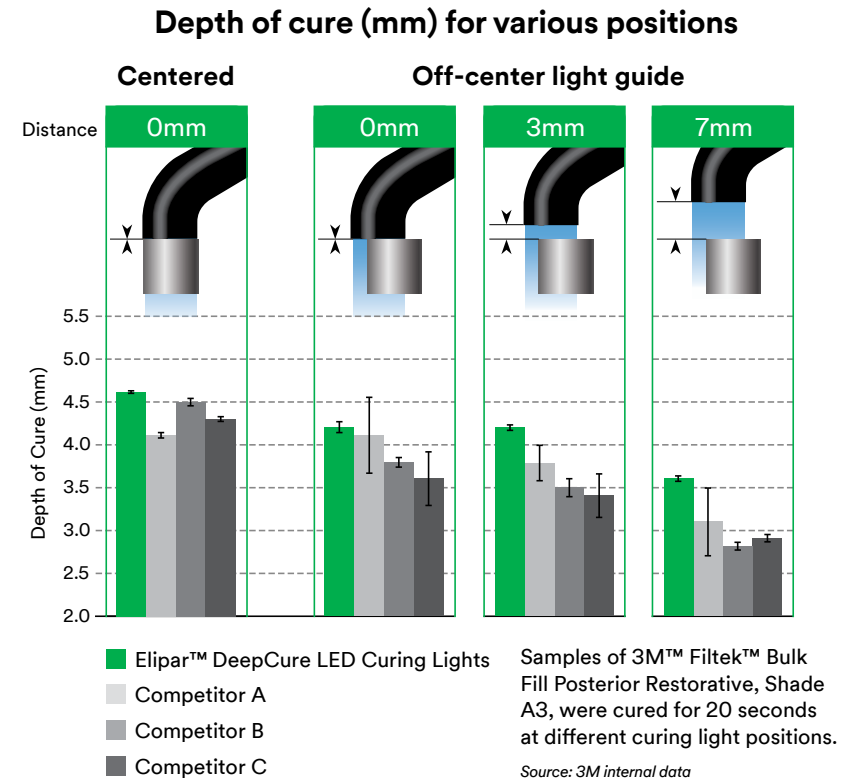
The Elipar DeepCure-S LED Curing Light helps to compensate for slight movements during curing, delivering the highest depth of cure, as shown in the chart to the right.

It all adds up to being able to move through the restorative process more efficiently and with greater confidence.

What does this mean for your clinical results?

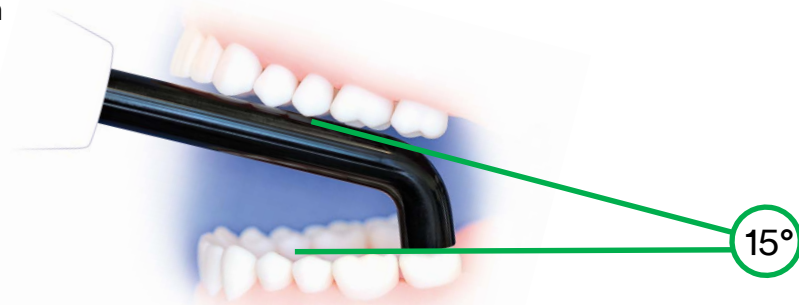
It means a high depth of cure, especially if the light positioning is difficult.

3M™ Elipar™ DeepCure LED Curing Lights help to compensate for slight movements during curing, delivering a high depth of cure, as shown at right.



Designed for more comfort and easier access to posterior teeth.

The light guide of the Elipar DeepCure-S LED Curing Light is designed with an optimum angle and height that make it more comfortable for patients—even those with limited mouth-opening abilities. Clinicians also find it comfortable to use, with easier access to all tooth surfaces, even in the hard-to-reach posterior area.





3M™ Sof-Lex™ Diamond Polishing System

FINISHING AND POLISHING

3M™ Sof-Lex™ Diamond Polishing System

1 unique shape for polishing

You can give restorations a diamond paste-like gloss, but in less time and with less mess.

We leveraged our unprecedented history in abrasive technologies to offer you a fast and easy way to produce a beautiful, high-gloss polish.

With the 3M™ Sof-Lex™ Diamond Polishing System, you can get a gorgeous, diamond paste-like gloss—with the speed and convenience of a rubberized system.

You'll find it easy to work on posterior teeth.

Spiral wheels work from any angle, making it easy to work intraorally. Because the abrasive particles are embedded throughout the tool, all surfaces of the spiral wheel can be used: side, top, bottom, edge.

It's reassuring to know that while the spirals are effective, they're also kind to gingival tissues—and they maintain the integrity and anatomy of your restorations!



One flexible shape polishes all surfaces.



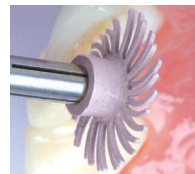
Occlusal



Buccal



Lingual Posterior



Lingual Anterior



Facial



Interproximal

To get the best results, use light to moderate pressure and a slow-speed handpiece during all phases of pre-polishing and final, high-gloss polishing.

A difference you can see!

3M™ Filtek™ Supreme XTE Universal Restorative polished with the Sof-Lex Diamond Polishing System (left) vs. TPH Spectra® Universal Composite polished with Enhance® Finishing System and PoGo® Polishing System (right). Notice a clearer reflection with the Sof-Lex Diamond Polishing System.



3M™ Clinpro™ Tooth Crème

0.21% Sodium Fluoride

Anti-Cavity Toothpaste



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PROTECTION

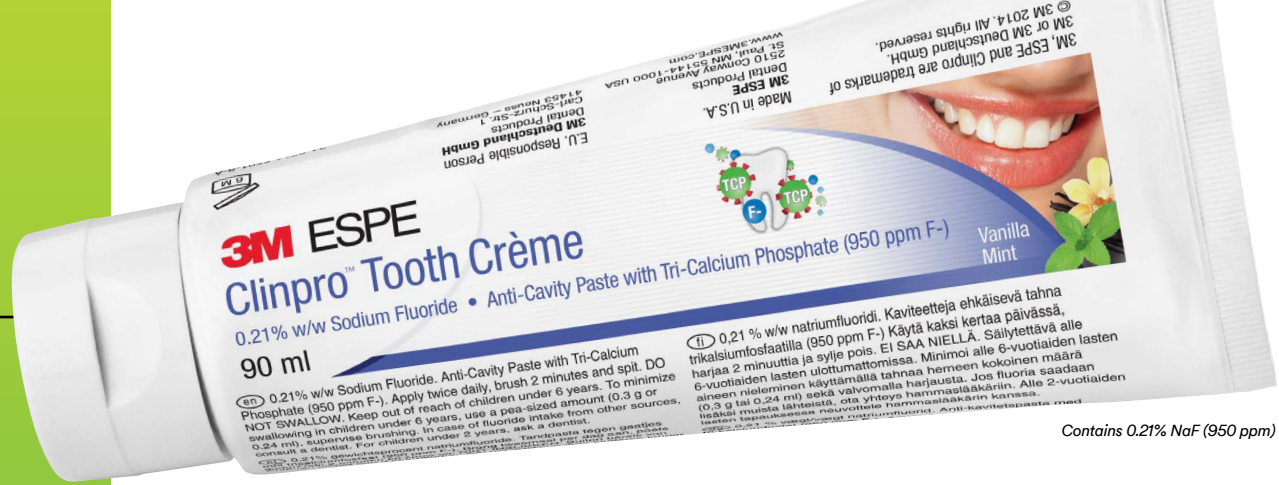
**3M™ Clinpro™ Tooth Crème
0.21% Sodium Fluoride
Anti-Cavity Toothpaste**

**1 easy way to
protect**

Once you've restored their teeth, protect them against future caries with this at-home treatment.

Non-prescription-strength formula
3M™ Clinpro™ Tooth Crème 0.21% Sodium Fluoride Anti-Cavity Toothpaste is the answer.

In addition to a lower level of fluoride, it contains functionalized Tri-Calcium Phosphate (*f*TCP), available exclusively from 3M—so it releases calcium and phosphate at the tooth surface, which helps to maintain healthy teeth.

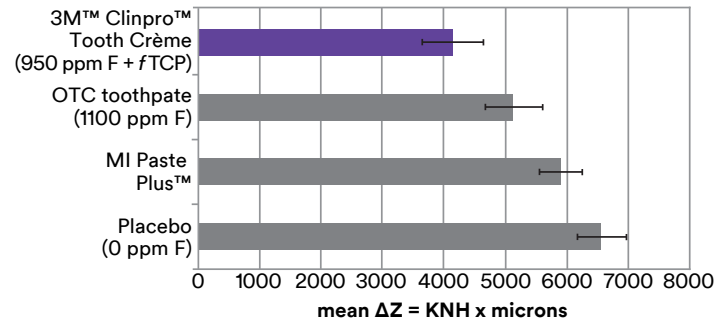


Contains 0.21% NaF (950 ppm)

Helps prevent and repair early lesions by remineralizing throughout the lesion—not just on the surface.

Size of White Spot Lesions After Treatment

(± std dev, n=9)



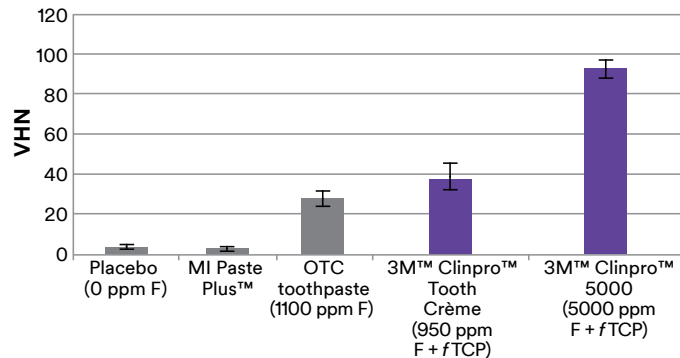
Source: Karlinsky RL, et al. Anticaries potential of sodium fluoride dentifrices containing different calcium phosphate systems: Subsurface remineralization observations.

3M™ Clinpro™ Tooth Crème 0.21% Sodium Fluoride Anti-Cavity Toothpaste

- Protects against cavities and helps reverse white spots
- Proven through 5 years of clinical use
- Cleans and whitens teeth with low abrasion
- Replaces the patient's current toothpaste in the toothbrushing step, making compliance easy

Enamel Remineralization

(change from baseline after 10 days pH cycling) (± SEM, n=18)



Source: Fluoride bioavailability and remineralization/demineralization study: 3M internal data

RESOURCES

Efficient Restorative
Procedure Solution

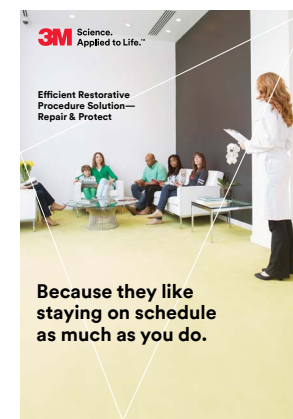
Video

Overview Video
(1:48)

Sell Sheet

Efficient Posterior
Restorative Solution
2-page sell sheet
(PDF, 747 KB)

Brochure

Efficient Posterior
Restorative Solution
Repair & Protect,
4-page brochure
(PDF, 1.2 MB)

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Ordering Information

3M™ Filtek™ One Bulk Fill Restorative

| Refill | Item # | Item # |
|--------------|----------------|----------------|
| SHADE | SYRINGE | CAPSULE |
| A1 | 4866A1 | 4867A1 |
| A2 | 4866A2 | 4867A2 |
| A3 | 4866A3 | 4867A3 |
| B1 | 4866B1 | 4867B1 |
| C2 | 4866C2 | 4867C2 |

SYRINGE SHADE REFILLS include: 1 – 4g syringe; Technique Guide; Instructions for Use.

CAPSULE SHADE REFILLS include: 20 – 0.2g capsules; Technique Guide; Instructions for Use.

3M™ Scotchbond™ Universal Adhesive

| Item # | Product Information |
|--------|--|
| 41254 | 3M™ Scotchbond™ Universal Adhesive Intro Kit—Vial Kit includes: 1 – 5ml adhesive vial; 50 disposable mixing wells; 50 disposable microbrushes; 1 – 3ml etchant syringe |
| 41258 | 3M™ Scotchbond™ Universal Adhesive Refill: 1 – 5ml adhesive vial |
| 41255 | 3M™ Scotchbond™ Universal Adhesive Intro Kit—Unit Dose 40 Includes: 40 unit dose; 1 – 3ml etchant syringe |
| 41256 | 3M™ Scotchbond™ Universal Adhesive Intro Kit—Unit Dose 100 Includes: 100 unit dose; 1 – 3ml etchant syringe |
| 41257 | 3M™ Scotchbond™ Universal Adhesive Intro Kit—Unit Dose 200 Includes: 200 unit dose; 1 – 3ml etchant syringe |
| 41263 | 3M™ Scotchbond™ Universal Etchant Etching Gel Includes: 2 – 3ml etchant syringes; 50 dispensing tips |
| 41264 | 3M™ Scotchbond™ Universal DCA Dual Cure Activator Includes: 1 – 5ml vial |

3M™ Elipar™ DeepCure-S LED Curing Light

| Item # | Product Information |
|--------|--|
| 76976 | 3M™ Elipar™ DeepCure-S LED Curing Light Includes: Handpiece (Cordless), Charging Base (230V); Li-ion Battery; 10mm Light Guide; Eye Shield |
| 76981 | 3M™ Elipar™ DeepCure-S Light Guide, 10mm |
| 76984 | 3M™ Elipar™ DeepCure Eye Shield |
| 76985 | 3M™ Elipar™ DeepCure-S Rechargeable Li-ion Battery |

3M™ Sof-Lex™ Spiral Finishing and Polishing Wheels

| Item # | Product Information |
|---------|---|
| 5092-IM | 3M™ Sof-Lex™ Diamond Polishing System—Introductory Kit Kit includes: 5 – 3M™ Sof-Lex™ Pre-Polishing Spirals (Beige); 5 – 3M™ Sof-Lex™ Diamond Polishing Spirals (Pink); 1 – 3M™ Sof-Lex™ RA Mandrel; Instructions for Use; Technique Card |
| 5090 | 3M™ Sof-Lex™ Pre-Polishing Spirals—Refill Includes: 15 Sof-Lex Pre-Polishing Spirals (Beige) |
| 5091 | 3M™ Sof-Lex™ Diamond Polishing Spirals—Refill Includes: 15 Sof-Lex Diamond Polishing Spirals (Pink) |

3M™ Clinpro™ Tooth Crème 0.21% Sodium Fluoride Anti-Cavity Toothpaste

| Item # | Product Information |
|---------|--|
| 12218 | Vanilla Mint Flavor – 4 oz tube |
| 12218SM | Spearmint Flavor – 4 oz tube |

www.3M.com



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