



# Clinician's Choice

Designed for better dentistry.

Clinical Technique Guide  
and Dental Product Catalog

Find us on  Clinician's Choice

# What's **NEW** in this Catalog:

## POWERMIX™ Automatic Impression Material Dispenser

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## COUNTERFIT™ II

Multi-Purpose Replication Silicone

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## DUALFORCE™

Ultra-Wrap™ Matrix Bands

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## ASAP® INDIRECT+™

ExtraOral/HP

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## CONTOURS™

Finishing & Polishing Discs

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Over the last 25 years in business, our company has grown and evolved as we adapt to the ever-changing world around us.

We have modernized our look to reflect who we are today and to signify our ongoing evolution as we strive to promote and teach better dentistry.

It is our mission to provide innovative, time saving product solutions that produce the results you expect—consistently. As always, our clinically-relevant continuing education programs are one of our most powerful tools, featuring the industry's leading lecturers to enlighten the way you practice. Our highly-skilled sales staff are among the most knowledgeable in the industry and share our vision, delivering the latest and greatest industry trends, insights, and products available today.

At the end of the day, we are still the same great brand you know and trust—just a little different.



Meet the new...

## Clinician's Choice



CLINICIAN'S CHOICE is dedicated to the memory of Dr. Ronald E. Jordan – pioneer, lecturer, clinician, father.

Peter G. Jordan,  
President

# TISSUE GOO™

Hemostatic Gel



## Tissue Management: Placing Retraction Cord & Controlling Bleeding

Unlike runny liquid hemostatic agents, TISSUE GOO™ is a gel that stays where you place it, offering exceptional hemostasis without compromising the health of the gingival tissue.

TISSUE GOO's active ingredient is 25% aluminum sulfate, which will control bleeding throughout the cord placement and tissue management processes. Aluminum sulfate is much kinder to soft tissue than other hemostatic agents. During retraction cord placement, TISSUE GOO acts as a lubricant. Place TISSUE GOO in the sulcus, or saturate the RE-CORD retraction cord with TISSUE GOO, then proceed by gently packing the RE-CORD knitted retraction cord into the sulcus. The hollow design of RE-CORD holds more hemostatic agent (TISSUE GOO), and will compress when packed into the sulcus. RE-CORD will expand in the sulcus to provide ideal tissue displacement.

TISSUE GOO is especially effective for veneer cementation, where minor bleeding often occurs. TISSUE GOO stops bleeding without contaminating the marginal bonding surface or discoloring the soft tissue, a problem commonly experienced with ferric sulfate hemostatic agents.

TISSUE GOO will not interfere with the set of your impression material. TISSUE GOO is gooseberry flavored and makes tissue management a more pleasant experience, unlike the caustic flavor of ferric sulphate materials.

The TISSUE GOO Big Shot is a 60mL refill syringe designed to allow you to refill your TISSUE GOO 3mL syringes in just seconds without mess.



TISSUE GOO 4-pack  
4-3mL syringes TISSUE GOO,  
50-20 gauge needle tips,  
instructions/SDS

TISSUE GOO Big Shot  
1-60mL syringe TISSUE GOO,  
4-3mL empty refillable syringes,  
instructions/SDS

TISSUE GOO/DETAIL Trial Pack  
2-3mL syringes TISSUE GOO,  
2-3mL syringes DETAIL,  
25-20 gauge needle tips,  
instructions/SDS

### CLINICAL TECHNIQUE

## Effective and Efficient Gingival Retraction Using a Double Cord Technique

Dentistry and photography courtesy of Dr. Brad Carson



1. Tissue Goo may be placed directly into the sulcus to control bleeding; however, if Re-Cord is saturated with Tissue Goo, it acts as a lubricant as well, ensuring easier placement of the retraction cord.

2. Gently massage the cord into the bottom of the sulcus, making sure that the ends of the Re-Cord do not overlap but meet end to end.

3. This occlusal view shows that the first cord meets end to end, but neither the Re-Cord nor the margins are entirely visible, indicating that a Double Cord Technique is indicated.

4. After saturating the second larger Re-Cord with Tissue Goo, it is placed over the first cord, to laterally displace the tissue after a minimum of 3 minutes. Only this cord is removed just prior to the impression.

5. Note that the entire cavo-surface margin of the preparation is visible indicating sufficient retraction to capture the margin. Prior to impression and cord removal, the preparation is treated with Detail to cleanse and alter the surface tension for the most accurate, detailed impression.

# RECORD™

Knitted Retraction Cord



RE-CORD™ is a non-impregnated, 100% cotton-knitted retraction cord designed to easily compress when packing into the sulcus. Once placed, the cord's knitted loops open, exerting a gentle continuous outward force that minimizes trauma to the soft tissue, thereby preventing gingival recession and biological width impingement. Optimal tissue displacement can be achieved in as little as 3 minutes. RE-CORD carries a greater quantity of hemostatic solution than conventional cords and provides an excellent medium for hemostatic gel absorption and placement. Because it has no memory, RE-CORD packs easily, plus it stays put when packed into the sulcus, and will not entangle in diamond burs.



# 000 # 1  
# 00 # 2  
# 0 # 3



## CLINICIAN'S CHOICE MICROPPOINT™ SCISSORS

CLINICIAN'S CHOICE® MICROPPOINT™ Scissors give you all you ever wanted in surgical scissors: safety-tipped blades combined with unparalleled cutting power. Designed for cutting both retraction cord and sutures, MICROPPOINT Scissors are light-weight and provide exceptional tactile feel.



MICROPPOINT Scissors are strong enough to cut retraction cord.  
Photography courtesy of Dr. Robert Margeas

# DETAIL™

Pre-Impression Cleansing Gel



## 10% EDTA Cleanser

Too often, hemostatic agents, coagulum or residual monomer from provisional fabrication can interfere with impression setting or result in less than ideal impression accuracy.

DETAIL™ Pre-Impression Cleansing Gel guarantees a clean, decontaminated prep site and consequently, an accurate impression. After scrubbing for 7-10 seconds, DETAIL will lift organic debris and contaminants like sulfur and methacrylate residue from your prep site. Rinse away DETAIL, and the impression surface left behind will be squeaky-clean (figs at right).

DETAIL does more than just clean the prep site, however. DETAIL also lowers the surface tension of the preparation so your impression material contacts the surface more intimately. The result? The most detailed, bubble-free and accurate impression possible.

For the best and most efficient impression procedure, use DETAIL in conjunction with 3rd Generation AFFINITY™ Hydroactive Impression Material (see next page).

DETAIL 4-pack  
4-3mL syringes, 50-20g flocked needle tips, instructions/SDS

TISSUE GOO/DETAIL Trial Pack  
2-3mL syringes TISSUE GOO, 2-3mL syringes DETAIL,  
25-20 gauge needle tips, instructions/SDS

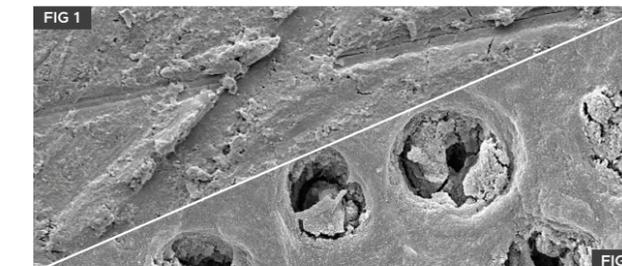
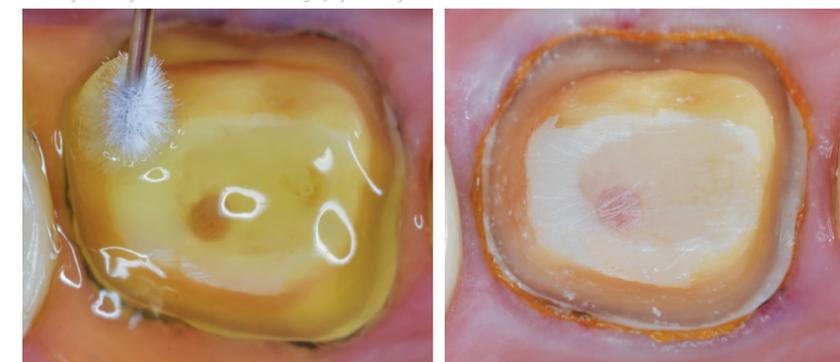


FIG 1 - Contaminated preparation site. Preventing an accurate and properly cured impression.

FIG 2 - Clean preparation site. In just 7-10 seconds, DETAIL removes contaminants and surface debris, leaving the dentin tubule plugs in place, and allowing for a clean, decontaminated preparation site.

### CLINICAL TECHNIQUE

Dentistry courtesy of Dr. Brad Carson. Photography courtesy of Dr. Gildo Santos.



In only 7-10 seconds, Detail leaves behind not only a clean preparation, but also a hydroactive surface—both will yield the cleanest, most detailed impression you've ever seen!

### CLINICAL TECHNIQUE

## CEREC Application

Dentistry and photography courtesy of Dr. Steve Tsotsos.



1. Prep site covered with Cerec powder (titanium dioxide opaquing medium) for Cerec imaging. It is critical to remove the powder for good adhesion.

2. Prep site after a 10 second application of Detail.

# AFFINITY™

## Hydroactive Impression Material



AFFINITY™ Hydroactive Impression Material is clinically proven to provide consistently accurate impressions utilizing superior, 3rd generation chemistry, technique-designed viscosities, as well as doctor and patient-friendly work and set times.

### Superior Chemistry

AFFINITY's chemistry combines a unique branched resin, more refined filler, and an even distribution of surfactant. These three components give AFFINITY several distinct advantages over other impression materials.

### Ultra High Tear Strength

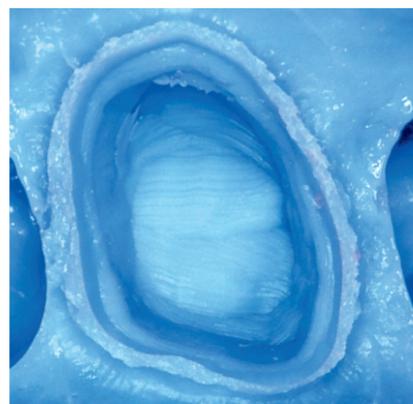
Regardless of the viscosity, AFFINITY's branched resin produces three-dimensional cross-linking which results in extremely high tear strength. This ensures you won't experience tearing upon removal of the impression.

### Technique-Designed Viscosities

AFFINITY goes beyond offering light body, medium body and heavy body viscosities. All AFFINITY viscosities are designed to maximize accuracy and to prevent common clinical challenges. AFFINITY offers three unique light bodies, each designed with specific technique preferences in mind. AFFINITY tray materials flow better than other tray materials, and are designed to prevent over-displacement of the light body, to ensure you capture impression accuracy of less than 2 microns. You'll also notice a seamless blend between the light body and AFFINITY tray materials in every impression. Use AFFINITY Heavy Body for full-arch impressions and AFFINITY InFlex for the dual-arch impression technique.

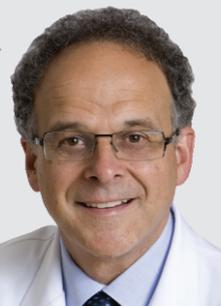
### Doctor/Patient-Friendly Work & Set Times

Dentists will benefit from AFFINITY's long working time, allowing you to syringe around multiple preparations. Patients will appreciate AFFINITY's heat activated, quick intraoral set time which minimizes the time the impression stays in the mouth. In addition, AFFINITY Multi-Prep (see page 7) is the only extended working time impression material designed for cases involving 6 or more preparations.



*"The combination of QUAD-TRAY XTREME with AFFINITY INFLEX and LIGHT BODY Impression Material provide me with a "one-two punch" to achieve "knock-out" single tooth impressions. This combination is so fast and easy, I prefer it to my intra-oral scanner."*

— Dr. Elliot Mechanic  
Montreal, Canada



PRODUCT	TIMES	RECOMMENDED TIPS	RECOMMENDED TRAYS
<b>LIGHT BODY XL (XTRA LIGHT)</b>	<b>AVAILABLE WORKING TIME</b> <b>1:45 min</b> <b>MINIMUM INTRAORAL SET TIME</b> <b>2:30 min*</b>		<ul style="list-style-type: none"> <li>• Quad-Trays (page 11-13)</li> <li>• HeatWave (page 14)</li> <li>• BorderLock (page 15)</li> </ul>
<b>HEAVY BODY</b>	<b>AVAILABLE WORKING TIME</b> <b>Regular Set 1:45 min</b> <b>Fast Set 1:10 min</b> <b>MINIMUM INTRAORAL SET TIME</b> <b>Regular Set 2:30 min*</b> <b>Fast Set 1:45 min**</b>		<ul style="list-style-type: none"> <li>• HeatWave (page 14)</li> <li>• BorderLock (page 15)</li> </ul>
<b>INFLEX MAXIMUM SUPPORT TRAY MATERIAL</b>	<b>AVAILABLE WORKING TIME</b> <b>Regular Set 1:45 min</b> <b>Fast Set 1:10 min</b> <b>MINIMUM INTRAORAL SET TIME</b> <b>Regular Set 2:30 min*</b> <b>Fast Set 1:45 min**</b>		<ul style="list-style-type: none"> <li>• Quad-Trays (page 11-13)</li> <li>• HeatWave (page 14)</li> <li>• BorderLock (page 15)</li> </ul>
<b>QUICK BITE</b>	<b>AVAILABLE WORKING TIME</b> <b>0:15 sec</b> <b>MINIMUM INTRAORAL SET TIME</b> <b>0:45 sec</b>		<ul style="list-style-type: none"> <li>• Dual-Port Impression Gun</li> </ul>

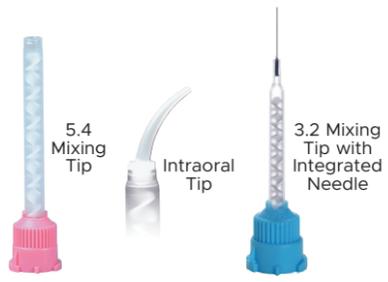
PRODUCT	TIMES	RECOMMENDED TIPS	RECOMMENDED TRAYS
<b>LIGHT BODY RF (REGULAR FLOW)</b>	<b>AVAILABLE WORKING TIME</b> <b>Regular Set 1:45 min</b> <b>Fast Set 1:10 min</b> <b>MINIMUM INTRAORAL SET TIME</b> <b>Regular Set 2:30 min*</b> <b>Fast Set 1:45 min**</b>		<ul style="list-style-type: none"> <li>• Quad-Trays (page 11-13)</li> <li>• HeatWave (page 14)</li> <li>• BorderLock (page 15)</li> </ul>

PRODUCT	TIMES	RECOMMENDED TIPS	RECOMMENDED TRAYS
<b>LIGHT BODY HF (HIGH FLOW)</b>	<b>AVAILABLE WORKING TIME</b> <b>Regular Set 1:45 min</b> <b>Fast Set 1:10 min</b> <b>MINIMUM INTRAORAL SET TIME</b> <b>Regular Set 2:30 min*</b> <b>Fast Set 1:45 min**</b>		<ul style="list-style-type: none"> <li>• Quad-Trays (page 11-13)</li> <li>• HeatWave (page 14)</li> <li>• BorderLock (page 15)</li> </ul>

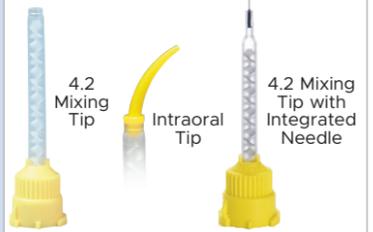
\*2:30 min reflects the minimum intraoral set time. Our recommendation is to allow 3:00 min for a full intraoral set.  
 \*\*1:45 min reflects the minimum intraoral set time. Our recommendation is 2:00 min for full intraoral set.

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 \*\*1:45 min reflects the minimum intraoral set time. Our recommendation is 2:00 min for full intraoral set.

For Kit Configurations see page 8.

MONOPHASE	TIMES	RECOMMENDED TIPS	RECOMMENDED TRAYS
Developed for use as a single-phase impression material, AFFINITY Monophase maintains the most desirable properties of polyether; such as a gum-like consistency, high durometer cure, and high tear strength. However, unlike polyether, Monophase is far more cost-effective, sterilizable, and dimensionally stable. It is ideal for implant impressions, edentulous, and partial impressions, as well as for the fabrication of clear aligners in orthodontic treatment. Available in regular set only.	AVAILABLE WORKING TIME <b>2:15 min</b> MINIMUM INTRAORAL SET TIME <b>2:45 min</b>	 5.4 Mixing Tip Intraoral Tip 3.2 Mixing Tip with Integrated Needle	<ul style="list-style-type: none"> <li>HeatWave (page 14)</li> <li>BorderLock (page 15)</li> </ul>
			<b>RECOMMENDED GUN</b> <ul style="list-style-type: none"> <li>Dual-Port Impression Gun</li> </ul> 

AFFINITY CRYSTAL	TIMES	RECOMMENDED TIPS	RECOMMENDED TRAYS
AFFINITY Crystal is a water-clear, silicone matrix material designed for easy fabrication of provisional veneers. AFFINITY Crystal flows effortlessly into the embrasure areas, capturing extreme detail to create an accurate, clear matrix through which you can light-cure provisional material.	AVAILABLE WORKING TIME <b>0:45 sec</b> MINIMUM INTRAORAL SET TIME <b>1:30 min</b>	 6.5 Mixing Tip "T-mixer" 7.5 Mixing Tip	<ul style="list-style-type: none"> <li>Clear Impression Trays (page 18)</li> </ul>
			<b>RECOMMENDED GUN</b> <ul style="list-style-type: none"> <li>Dual-Port Impression Gun</li> </ul> 

MULTI-PREP	TIMES	RECOMMENDED TIPS	RECOMMENDED TRAYS
MULTI-PREP is dentistry's first extended working time impression material. Providing 2:40 minutes of working time and curing in just 4:30 minutes, MULTI-PREP provides enough time to fully syringe up to 12-units, making it ideal for larger cases. (See next page for more information.)	AVAILABLE WORKING TIME <b>2:40 min</b> INTRAORAL SET TIME ONCE TRAY MATERIAL INSERTED INTO THE MOUTH <b>4:30 min</b>	<b>FOR WASH MATERIAL</b>  4.2 Mixing Tip Intraoral Tip 4.2 Mixing Tip with Integrated Needle	<ul style="list-style-type: none"> <li>HeatWave (page 14)</li> <li>BorderLock (page 15)</li> </ul>
		<b>FOR TRAY MATERIAL</b>  6.5 Mixing Tip "T-mixer"	<b>RECOMMENDED GUN</b> <ul style="list-style-type: none"> <li>Dual-Port Impression Gun</li> </ul> 

AFFINITY PUTTY	TIMES	RECOMMENDED TRAYS
Conventional putties are often too viscous and resistant to flow, thereby generating a significant amount of compression during the impression procedure. Taking an impression under these conditions promotes distortion and over-displacement of the wash material. AFFINITY's 3rd Generation Putty is designed to ensure a feathered edge at the interface with the wash material, providing a true occlusal planerelationship. AFFINITY Putty is non-greasy, satiny smooth, and extremely easy to mix, making it truly unique.	AVAILABLE WORKING TIME <b>1:45 min**</b> MINIMUM INTRAORAL SET TIME <b>3:15 min</b>	<ul style="list-style-type: none"> <li>HeatWave (page 13)</li> <li>BorderLock (page 14)</li> </ul>

\*2:30 min reflects the minimum intraoral set time. Our recommendation is to allow 3:00 min for a full intraoral set.

\*\*1:45 min reflects the minimum intraoral set time. Our recommendation is 2:00 min for full intraoral set.

\*\* Available working time for Putty is in addition to a 0:30-0:45 second mix time. These procedure times reflect ideal conditions. Fluctuations in temperature and humidity may reduce or extend these times.

For Kit Configurations see page 8.

## AFFINITY™ TRAY ADHESIVE

- Provides outstanding adhesion between the impression material and the tray, eliminating the chance of separation during impression removal from the mouth.
- One of the few adhesives currently available that chemically bonds to the impression material and plastic impression trays.
- Brush a thin, even layer of adhesive onto the tray, and allow to dry. AFFINITY Tray Adhesive can be pre-applied and left on the tray as it is chemically activated by AFFINITY VPS Impression Material.
- Use only AFFINITY Tray Adhesive with hydroactive AFFINITY VPS impression materials (pages 4-7).



AFFINITY TRAY ADHESIVE  
2 x 30mL Bottles, instructions/SDS

# AFFINITY™ MULTI-PREP®

## Extended Working Time Impression Material

Most VPS impression materials today provide working times of anywhere between 1:30 to 2:00 minutes, making them suitable for single unit crowns, implants and standard 3-unit bridges. When working with multiple preparations, a shorter setting light body may begin to set – even before all preparations have been adequately syringed. Adding to the risk, testing has shown that some VPS materials set up to 25% faster in intraoral temperatures.\*

MULTI-PREP® from CLINICIAN'S CHOICE® provides a generous 2:40 minutes of working time, so that 6, 8 or even 12-units can be fully and properly syringed with far less risk of premature setting. Its advanced chemistry is heat-activated and once the tray is inserted, MULTI-PREP cures in just 4:30 minutes.

MULTI-PREP's grafted surfactant, uniformly distributed throughout the material, provides superior hydroactive performance. You'll capture marginal detail more consistently with MULTI-PREP, even with subgingival preparations. MULTI-PREP Wash Material flows beautifully under the hydraulics of the tray material to capture the finest of detail. You'll also notice more Wash Material capturing the preparation, that's because the MULTI-PREP Tray Material has a slightly lower fluid viscosity. The result is the most consistently accurate impressions for larger cases.



MULTI-PREP provides 2:40 minutes of working time – enough time to fully syringe up to 12-units.

### CLINICAL TECHNIQUE

Dentistry and photography courtesy of Dr. Jason Bortolussi



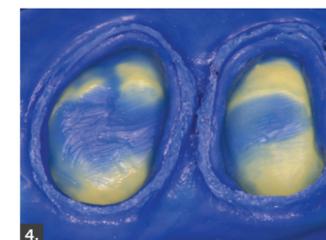
1. Multi-Prep Wash Material is syringed around multiple preparations.



2. Multi-Prep Tray Material is injected into a stock tray. Tray adhesive has been pre-applied to the tray.



3. Impression material and tray is inserted into the patient's mouth and stabilized without pressure.



4. Note excellent detail, accuracy, and visual readability of margins in Multi-Prep.

\*ADA Professional Product Review: Elastomeric Impression Material, V2, Issue 3, Summer 2007

MULTI-PREP Introductory Kit – Based on your preferred technique, choose from: 5-50mL cartridges MULTI-PREP Tray Material and 1-50mL cartridge MULTI-PREP Wash Material OR 4-50mL cartridges MULTI-PREP Tray Material and 2-50mL cartridges MULTI-PREP Wash Material, instructions/SDS. \*Mixing tips not included

MULTI-PREP 6-Pack (Tray Material) 6-50mL cartridges of Tray Material, instructions/SDS. \*Mixing tips not included  
MULTI-PREP 6-Pack (Wash Material) 6-50mL cartridges of Wash Material, instructions/SDS. \*Mixing tips not included

MULTI-PREP 2-Pack (Tray Material) 2-50mL cartridges of Tray Material, Mixing Tips, instructions/SDS.  
MULTI-PREP 2-Pack (Tray Material) w/o Tips 2-50mL cartridges of Tray Material, instructions/SDS. \*Mixing tips not included  
MULTI-PREP 2-Pack (Wash Material) 2-50mL cartridges of Wash Material, Mixing Tips, instructions/SDS.  
MULTI-PREP 2-Pack (Wash Material) w/o Tips 2-50mL cartridges of Wash Material, instructions/SDS. \*Mixing tips not included



# AFFINITY™

## Hydroactive Impression Material

### SPECTRUM 2-PACK

CUSTOMIZABLE BULK KITS

### Bulk Pricing & Savings

Mix and match viscosities in multiples of 2 to create your own unique Spectrum Pack of 12, 18, and 36.\*

\* Excludes AFFINITY Putty and AFFINITY Crystal. Mixing tips not included.



# AFFINITY™

Hydroactive Impression Material

## Kit Configurations and Ordering Codes

AFFINITY Spectrum 2-packs without Tips 2-50mL cartridges, instructions/SDS Light Body HF RS Affinity VPS 2pk w/o Tips Light Body HF FS Affinity VPS 2pk w/o Tips
Light Body RF RS Affinity VPS 2pk w/o Tips Light Body RF FS Affinity VPS 2pk w/o Tips
Affinity Light Body XL 2pk w/o Tips
Monophase Affinity VPS 2pk w/o Tips
Heavy Body RS Affinity VPS 2pk w/o Tips Heavy Body FS Affinity VPS 2pk w/o Tips
InFlex RS Affinity VPS 2pk w/o Tips InFlex FS Affinity VPS 2pk w/o Tips
Quick Bite Affinity VPS 2pk w/o Tips

AFFINITY 2-packs with Tips 2-50mL cartridges, mixing tips, instructions/SDS Crystal Affinity VPS 2pk
Quick Bite Affinity VPS 2pk
Light Body HF RS Affinity VPS 2pk Light Body HF FS Affinity VPS 2pk
Light Body RF RS Affinity VPS 2pk Light Body RF FS Affinity VPS 2pk
Affinity Light Body XL 2pk
Monophase Affinity VPS 2pk
Heavy Body RS Affinity VPS 2pk Heavy Body FS Affinity VPS 2pk
InFlex RS Affinity VPS 2pk InFlex FS Affinity VPS 2pk

PUTTY  
(1-305mL jar catalyst, 1-305mL jar base,  
2 scoops, instructions/SDS)

AFFINITY 6-pack  
6-50mL cartridges, instructions/SDS  
Affinity Crystal

AFFINITY 12-pack  
12-50mL cartridges, instructions/SDS  
Affinity Crystal 12pk  
InFlex RS 12pk  
InFlex FS 12pk  
Heavy Body RS 12pk  
Heavy Body FS 12pk  
Monophase 12pk  
Quick Bite 12pk

AFFINITY MegaMix Cartridges  
1-380mL cartridge, instructions/SDS  
Heavy Body RS MegaMix  
Heavy Body FS MegaMix  
InFlex RS MegaMix  
InFlex FS MegaMix

Dual-Port Impression Gun



# TRANSPORT™

The Handheld, Disposable Impression Syringe

TRANSPORT™ an "all-in-one" impression syringe gives you the syringe, mixing tip, and intraoral placement tip for about half the usual cost of an automix tip and intraoral tip! Pre-load directly from your impression material cartridge for precise control in hard-to-reach areas such as the distals of the 2nd molars. A full TRANSPORT syringe is enough to record 2 preps (and a half-full syringe is enough for one prep). TRANSPORT is disposable — no clean-up or cross-contamination risks.



Pre-load Transport directly from cartridge.

The ultimate in impressing convenience.

TRANSPORT 100-Pack



Clinician's Choice

# MIXING & INTRAORAL TIPS

## 7.5 Mixing Tip

Ideal for AFFINITY Crystal as well as COUNTER-FIT Quick Set Multi-Purpose Replication Silicone.



## 6.5 Mixing Tip "T-mixer"

Indicated for all AFFINITY viscosities, but ideal for tray materials, including MULTI-PREP Tray Material. Also indicated for TEMPLATE and TEMPLATE CLEAR Ultra Quick Matrix Material.



## 5.4 Mixing Tip

Indicated for all AFFINITY viscosities, but ideal for MONOPHASE.



## 4.2 Mixing Tip

Indicated for all AFFINITY Light Body materials and MULTI-PREP Wash Material.



## Mixing Tips with Integrated Needle

Indicated for Light Body impression material as well as core build-up material. Available in 25-packs of 4.2 tips (yellow) or 3.2 tips (blue).



## MegaMix Tips

Indicated for use with AFFINITY Heavy Body and InFlex, as well as COUNTER-FIT Quick Set MegaMix cartridges. Available in a 10-pack and 50-pack.



## Intraoral Tips

Pre-curved tips for intraoral placement of any AFFINITY viscosity directly from the cartridge.



Use with the 6.5 and 5.4 Mixing Tips (white)

Use with the 4.2 Mixing Tip (yellow)

## PowerMix 120mL Dynamic Mixing Tips

Indicated for use with Affinity Heavy Body (regular and fast set) and InFlex Maximum Support Tray Material (regular and fast set) in 120mL cartridges.



10-pack 50-pack	MegaMix Mixing Tips MegaMix Mixing Tips
50-pack	DYNAMIC Mixing Tips for 120mL PowerMix Cartridges
25-packs	4.2 Mixing Tips with Integrated Needle 3.2 Mixing Tips with Integrated Needle
50-packs	7.5 Mixing Tips 6.5 Mixing Tips "T-mixer" 5.4 Mixing Tips 4.2 Mixing Tips White Intraoral Tips Yellow Intraoral Tips
100-packs	7.5 Mixing Tips 6.5 Mixing Tips "T-mixer" 5.4 Mixing Tips 4.2 Mixing Tips Large (white) Intraoral Tips Small (yellow) Intraoral Tips

# POWERMIX™

Automatic Impression Material Dispenser



Portable, fast, easy, the all-new PowerMix™ Automatic Impression Material Dispenser from CLINICIAN'S CHOICE® delivers perfectly mixed, void-free VPS tray material with a press of a button. With PowerMix, you can fill a full arch impression tray in just 10-15 seconds—no more hand pumping. Portable and lightweight, the PowerMix design has a small footprint stand for storage or direct dispensing and can easily be transported from operator to operator.

**FAST & CONVENIENT:** Fill a full arch impression tray in 10-15 seconds with no voids or hand fatigue.

**LIGHTWEIGHT & PORTABLE:** The PowerMix (2lbs) is easily transported between operatories for handheld or stand-delivered tray filling.

**LONG BATTERY LIFE:** Fully charged, PowerMix dispenses 8-10 full 120mL cartridges (up to 24 full arch impressions) on a single charge.

## Designed For Use with Affinity™

Clinically proven to provide outstanding impression accuracy, regardless of the impression technique, AFFINITY Hydroactive Impression Material is designed with your material handling preferences in mind. AFFINITY performs exceptionally well in the presence of moisture, giving you consistently accurate impressions, everytime. Technique designed viscosities are the key to accuracy with 3 available light body options each with different flow characteristics, to match your preference, and two technique designed tray materials that help to maximize your results. InFlex, a rigid tray material, ideal for dual-arch impressions, reduces impression distortion. AFFINITY Heavy Body maximizes hydraulics for full arch impressions. All AFFINITY viscosities provide a long working time and short intraoral cure time. Ultra high tear strength, unrivalled dimensional stability, and consistently accurate results set AFFINITY apart from other materials. Now, available in convenient and cost-effective 120mL PowerMix cartridges.

## Affinity Heavy Body (Regular or Fast Set)

AFFINITY Heavy Body is easier to extrude, making tray filling fast. Heavy Body blends more intimately with the light body, leaving more wash on the preparation to maximize impression accuracy. Ideal hydraulics to drive light body beyond the margins without over-displacement ensures that impressions are more accurate and crowns fit better.

## Affinity InFlex Maximum Support Tray Material (Regular or Fast Set)

AFFINITY InFlex is a rigid tray material designed to eliminate distortion for dual-arch impressions. Unique to AFFINITY, InFlex blends perfectly with AFFINITY Light Body and sets to a rigid 80 durometer resulting in accurate, distortion-free impressions. No other tray material combats distortion better for dual-arch impressions than AFFINITY InFlex.



### WORKING & SET TIMES:

AVAILABLE WORKING TIME  
Regular Set 1:45 min  
Fast Set 1:10 min

MINIMUM INTRAORAL SET TIME  
Regular Set 2:30 min\*  
Fast Set 1:45 min\*\*

\*2:30 min reflects the minimum intraoral set time. Our recommendation is to allow 3:00 min for a full intraoral set.  
\*\*1:45 min reflects the minimum intraoral set time. Our recommendation is 2:00 min for full intraoral set.

Request an in-office demonstration



"My staff has been very happy that the PowerMix fills a tray so quickly, and transports to any room we are working in, since the PowerMix is portable."

— Dr. Todd Snyder  
Sacramento, CA



POWERMIX Automatic Dispenser with Stand, AC Adapter, Instructions

AFFINITY InFlex RS 120mL 2pk  
Contains: 2 x 120mL Cartridges, 6 Dynamic Mixing Tips, Instructions/SDS  
AFFINITY InFlex FS 120mL 2pk  
Contains: 2 x 120mL Cartridges, 6 Dynamic Mixing Tips, Instructions/SDS  
AFFINITY Heavy Body RS 120mL 2pk  
Contains: 2 x 120mL Cartridges, 6 Dynamic Mixing Tips, Instructions/SDS  
AFFINITY Heavy Body FS 120mL 2pk  
Contains: 2 x 120mL Cartridges, 6 Dynamic Mixing Tips, Instructions/SDS

DYNAMIC MIXING TIPS for 120mL PowerMix Cartridges 50-pack

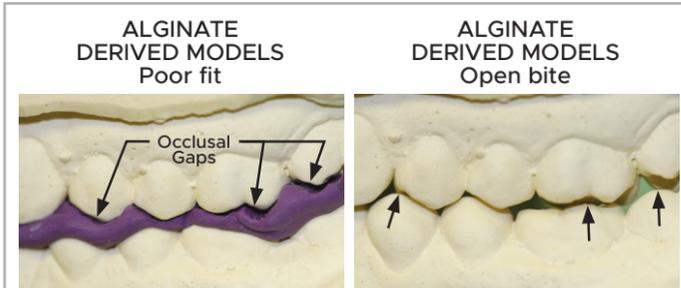
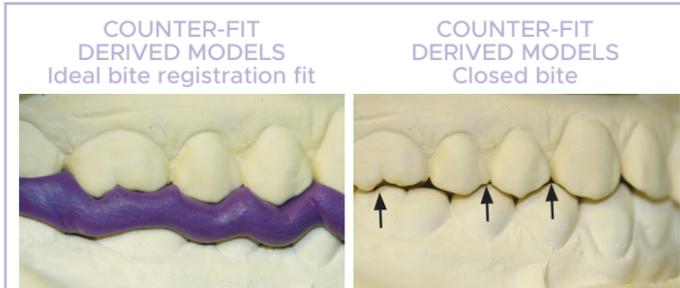
# COUNTERFIT™ II NEW

## Multi-Purpose Replication Silicone

COUNTERFIT™ II is a silicone alginate replacement material, designed for all alginate-type impressions.

COUNTERFIT II overcomes many clinical problems associated with alginate, such as: tearing, voids, lack of impression detail, and single pour restriction.

- Flows beautifully to capture exquisite detail for all alginate type impressions
- Extremely high tear strength compared with traditional alginate and it cures to an ideal durometer to ensure interproximal tags do not fold during reinsertion
- Once polymerized, can be poured more than once and reused, if necessary
- Thixotropic to help prevent patient gagging
- COUNTERFIT II impressions can be stored as long as any VPS impression.



### COUNTERFIT™ II APPLICATIONS

Counter-Fit II is Ideally Suited for Any Appliance Requiring Occlusal Accuracy

- Opposing arch impressions
- Bleaching tray & athletic mouthguard fabrication
- Study models
- Orthodontic models, appliances, and retainers
- Matrix material for long span provisional crown and bridge restorations
- TMJ splints
- All alginate-type impressions

- COUNTER-FIT II 2-pack 2-50mL cartridges COUNTER-FIT II, 6-7.5 Mixing Tips, instructions/SDS.
- COUNTER-FIT II 12-pack 12-50mL cartridges COUNTER-FIT II, instructions/SDS. \* Mixing tips not included
- COUNTER-FIT II 36-pack 36-50mL cartridges COUNTER-FIT II, instructions/SDS. \* Mixing tips not included
- COUNTER-FIT II MegaMix Cartridge 1-380mL cartridge COUNTER-FIT II, instructions/SDS. \* Mixing tips not included



Dentistry and photography courtesy of Dr. Len Bakeman and Gregg Toussaint

# QUAD-TRAY®

QUAD-TRAY® is dentistry's best-selling family of metal dual-arch, disposable impression trays. Thanks to many clinically significant features, it has been improving impression accuracy for dentists worldwide for decades.

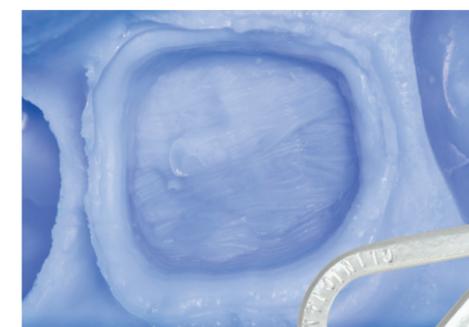
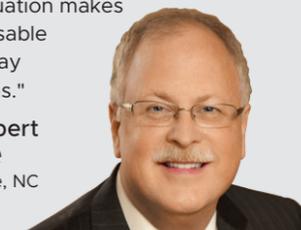
### The Problem with Plastic Trays

If your impression is poor, your crown or bridge will fit poorly too. Most plastic trays are inadequately designed, incorporating features that make impression distortion common. For instance, due to their elastic nature, plastic dual-arch trays flex easily. What's more, when a patient closes into the impression material, the plastic tray deforms. Upon removal of the impression, the tray's elastic memory works against the impression material, again, often resulting in a distorted impression.

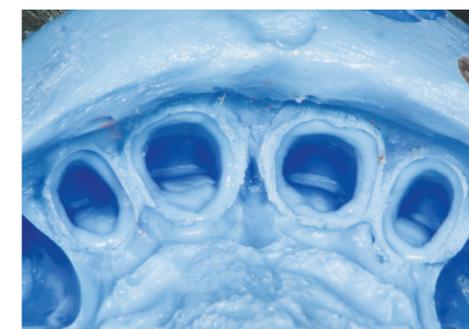
All QUAD-TRAYS are made from rigid aluminum so they will not distort when placed intraorally or upon removal. Considering the costs and time involved with taking an impression, and having to repeat the process because of a poor fitting restoration (add in additional lab fees, too), it makes sense to use the only tray designed and proven to consistently prevent distortion, and create predictably accurate, dual-arch impressions — every time.

"70% of all single tooth crown and bridge is done on a closed arch tray. QUAD-TRAY's accuracy and unique adaptability to every patient situation makes it indispensable for everyday impressions."

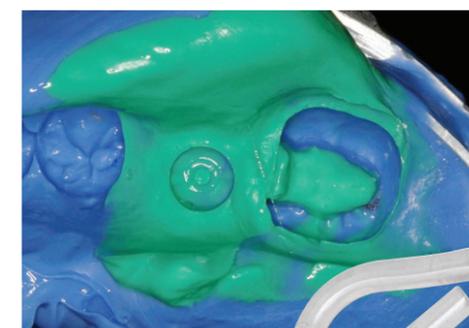
— Dr. Robert Lowe  
Charlotte, NC



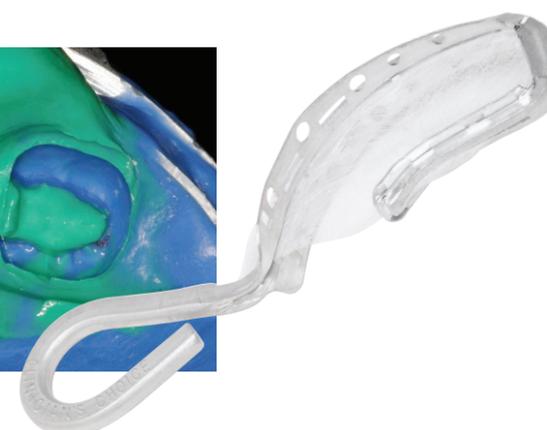
Dentistry and photography courtesy of Dr. Brad Carson



Dentistry and photography courtesy of Dr. Robert Lowe



Dentistry and photography courtesy of Dr. Robert Ramsey



## QUAD-TRAY® XTREME®



### UNIQUE FEATURES

- Wide, customizable arch design to fit any arch shape or size
- Thin distal bar to prevent retro molar pad impingement
- Large handle for easy handling
- Ultra low side walls to prevent palatal impingement
- Recyclable aluminum

## ANTERIOR QUAD-TRAY® X2

### UNIQUE FEATURES

- Half-arch design to provide more occlusal information
- Thin distal bar, to prevent retro molar pad impingement
- Graduating side walls to accommodate all tooth lengths
- Customizable arch width and perforated side walls for retention
- Large handle for easy handling
- Recyclable aluminum

## QUAD-TRAY® XL XTRA LONG

### UNIQUE FEATURES

- High side walls to accommodate all tooth lengths
- Perforated walls to retain impression material
- Customizable arch to fit all patients
- Wide handle for easy removal and handling
- Longer to accommodate the entire quadrant, providing more occlusal information
- Recyclable aluminum

CLINICAL TECHNIQUE

Dual-Arch Impression Using QUAD-TRAY XTREME

Dentistry courtesy of Dr. Brad Carson.  
Photography courtesy of Dr. Gildo Santos.



1. With tissue management and hemostasis achieved, the preparation is cleaned with Detail Pre-Impression Cleansing Gel to remove any residual debris and hemostatic agent ensuring complete polymerization of the Affinity InFlex VPS Tray Material and Affinity Light Body HF VPS material.



2. The Affinity Light Body HF impression material is placed after the Re-Cord #00 cord has been carefully removed, making sure to keep the tip submerged.



3. The Quad-Tray Xtreme is placed immediately upon completing the syringing of the light body. The patient is asked to passively close. If no segmental bite registration has been taken prior to the impression, the patient may need to be guided into position.



4. While holding the tray by the sides, the impression is gently removed from the patient's mouth. Never torque the handle of the tray to prevent bending of the aluminum body.



5. The final impression showing excellent capture of the margins as well as showing that the light body was not overly displaced by the hydraulics of the InFlex. This ensures a more accurate die and better fit of the final restoration.



6. Final photograph showing the bonded ceramic restoration which needed virtually no adjusting interproximally and occlusally post-cementation.

CLINICAL TECHNIQUE

Anterior Dual-Arch Impression with ANTERIOR QUAD-TRAY X2

Dentistry and photography courtesy of Dr. Robert Lowe.



1. Re-Cord Knitted Retraction Cord is placed a-traumatically, utilizing a two-cord technique.



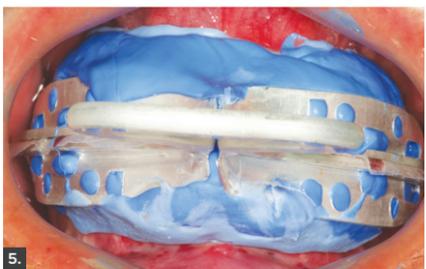
2. Gingival retraction and hemostasis has been achieved.



3. Light Body HF impression material is syringed into the sulcus. Particular attention must be placed on avoiding air entrapment. Keeping the impression tip submerged and allowing the light body to lead the way will consistently prevent air bubbles.



4. Poor impressions often result when too little light body is placed on the dentition. Often the tray material over-displaces the light body, resulting in the impression being taken with mostly tray material, which has less accuracy than light body. Affinity Light Body flows beautifully without slumping.



5. Affinity InFlex tray material is placed in the Anterior Quad-Tray X2 and inserted into the patient's mouth. InFlex becomes very rigid and supporting of the dual-arch tray. The Anterior Quad-Tray X2 has high perforated side walls which retain the impression material nicely.

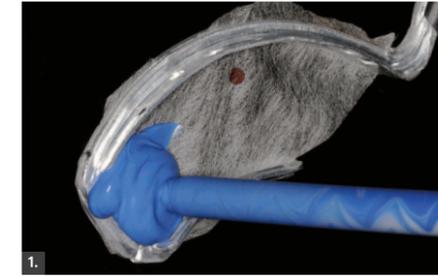


6. Notice the fine detail in the final impression. All margins are clearly visible and easy to read. The preparations are covered in Light Body rather than tray material. Affinity, combined with the Anterior Quad-Tray X2, will provide consistently accurate impressions.

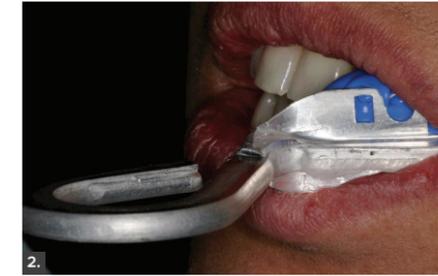
CLINICAL TECHNIQUE

Full Quadrant Impression with QUAD-TRAY XL

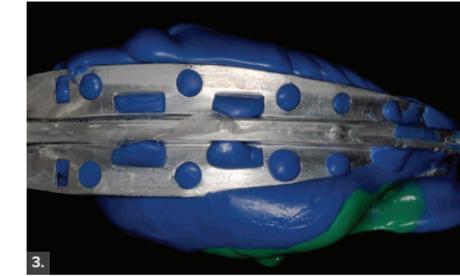
Dentistry and photography courtesy of Dr. Robert Ramsey



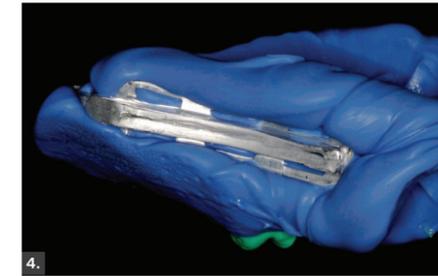
1. InFlex Maximum Support Tray Material is loaded onto both sides of a Quad-Tray XL tray.



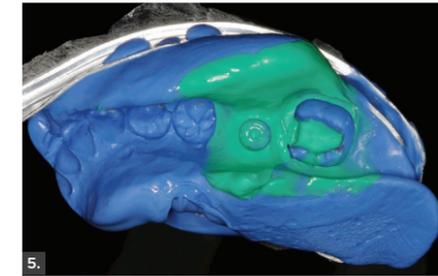
2. After syringing Affinity Light Body RF (Regular Flow) around the inlay preparation and implant site, the Quad-Tray XL encompasses the full quadrant.



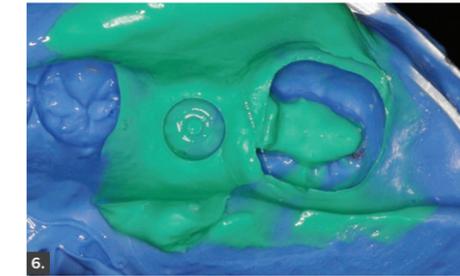
3. Perforated buccal wall locks impression material to the tray.



4. InFlex flows through the Quad-Tray XL's slotted lingual and buccal walls to lock the impression material and tray together.



5. Notice how InFlex has displaced the Light Body without over-displacing it from the prep sites.



6. Precise detail is achieved every time.



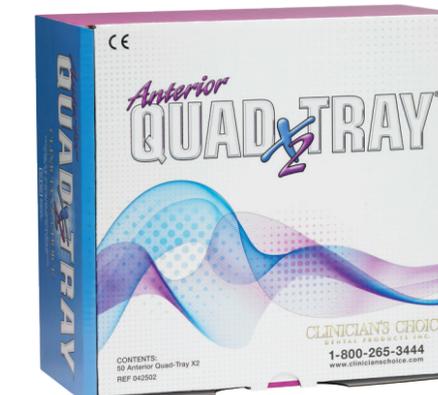
QUAD-TRAY TRIAL KIT



QUAD-TRAY XTREME 250-pack



QUAD-TRAY XTREME 50-pack



ANTERIOR QUAD-TRAY X2 50-pack



QUAD-TRAY XL 40-pack

- QUAD-TRAY XTREME 50-pack 250-pack
- QUAD-TRAY XL 40-pack
- ANTERIOR QUAD-TRAY X2 50-pack
- QUAD-TRAY TRIAL KIT 20 Quad-Tray Xtreme 10 Anterior Quad-Tray X2 20 Quad-Tray XL



# HEATWAVE®

Customizable Impression Trays



Your very best impression begins with proper tray selection. Choosing an impression tray that has ideal anatomical shape is critical for creating consistently accurate impressions. Trays that do not fit the patient's dentition properly compromise hydraulic pressure and can result in missed margins, etc.

The HEATWAVE® tray may be the most anatomically correct impression tray available. Similar to custom trays, HEATWAVE trays limit the impression space, use up to 40% less impression material, and provide outstanding hydraulics to drive the light body into the sulcus for superior accuracy. Its closed distal flange helps prevent impression material flow and possible gagging. The HEATWAVE measuring caliper takes seconds and helps you to select the ideal tray for each patient. The HEATWAVE tray is the ideal tray for all your full-arch impression cases.

HEATWAVE Customizable Impression Trays allow the clinician to easily self-customize the thermoplastic trays after immersing them in water for 60 seconds at 158°F/70°C. The tray can then be shaped by hand and molded to a patient's particular arch size and contour. After adaption, the tray will resume its normal rigidity at room temperature or by running under cold water, allowing for a precise impression. Having trays that are customizable means you can reduce inventory costs, and they are disposable so there's no clean up or sterilization required. Salmon-colored trays are designed for the upper arch; yellow trays for the lower arch; green trays for a quadrant impression (UR/LL and UL/LR).

The ability to adapt the tray chair-side provides a significant advantage whether you are making minor adjustments or need extensive recontouring for difficult cases like malpositioned teeth or tori. Best of all, you only need 4 full-arch tray sizes (upper and lower) to fit all cases. HEATWAVE moldable trays also eliminate the patient discomfort caused when stock trays get caught up on bony anatomical variances.



- HEATWAVE Intro Kit  
32 trays (4 each size, upper & lower), measuring caliper & size chart
- HEATWAVE Refill (10 trays/box)  
Size 42 Upper Tray  
Size 43 Upper Tray  
Size 44 Upper Tray  
Size 45 Upper Tray  
Size 51 Lower Tray  
Size 52 Lower Tray  
Size 53 Lower Tray  
Size 54 Lower Tray
- HEATWAVE Quadrant Pack  
10-pack (5 right trays, 5 left trays)



### CLINICAL TECHNIQUE

Dentistry and photography courtesy of Dr. Brad Carson



1. Using the calipers provided, measure the patient's arch width by placing the caliper tabs on the lingual of the 1st molar and 2nd bicuspid.



2. Place the calipers on the size chart to determine appropriate tray size.



3. Select the relevant tray and immerse in a water bath of 158°F/70°C for 1 minute.



4. Once heated, the tray can be adapted by hand.



5. Keep desired form stable for 5 seconds. Check fit in the mouth and repeat the moulding procedure if needed. If fit is achieved, run the tray under cold water for 5 seconds to set form.



6. The resulting final impression.

# BORDER-LOCK®

Impression Tray System



### The Accuracy of a Custom Tray. The Convenience of a Disposable Tray.

If your current full arch tray is 'missing the mark' in terms of impression accuracy and stability, chances are its design is based on "non-anatomical" sizes of small, medium, and large, as opposed to arch shapes.

Take a look at the BORDER-LOCK® Impression Tray System and you'll immediately see it's different.

### Anatomically-Designed Sizes

- The BORDER-LOCK system is designed to fit the most common arch shapes (not 'small, medium, and large'). The BORDER-LOCK tray is available in:
  - Round (5 tray sizes)
  - Square (4 tray sizes)
  - Gothic (1 tray size)
- Because the fit is anatomically correct for your patient, the impression space is reduced. This means it delivers superior dynamic pressure around the arch during insertion, while using up to 40% less impression material.
- The tray's closed distal wall helps prevent excess material flow, which in turn reduces the chance of gagging.



### Distortion-Free Impressions

- BORDER-LOCK trays are made from rigid Plexiglas® to deliver enhanced stability — which is essential for creating dimensionally-stable, distortion-free impressions.

Plexiglas® is a registered trademark of Rohm Gessellschaft & Haas Co.

### CLINICAL TECHNIQUE

Dentistry and photography courtesy of Dr. Robert Ritter



1. The Border-Lock Tray Set includes a caliper to measure both the width and unique shape of the patient's arch. For the upper, the caliper should contact the buccal surfaces of the 1st molar and 2nd bicuspid. (For the lower, measurement is taken lingually on the same teeth.)



2. Place the caliper on the size chart to easily identify the ideal Border-Lock tray. The chart will indicate which shape (round, square or gothic) as well as the size. Try-in the tray prior to syringing impression material to ensure a correct fit.



3. Syringe an ample amount of Affinity Light Body around the preparations.



4. Load the Border-Lock tray with Affinity Heavy Body.



5. Insert the tray intraorally. Excess impression material will not escape toward the throat. Affinity's intraoral set time is less than 3:00 minutes.



6. Border-Lock trays limit the impression space, saving you money by reducing the amount of material used and providing better accuracy.

- BORDER-LOCK COMPLETE TRAY SET**  
Contains: 18 trays; 10 upper trays (#42-49), divider and size gauge, 8 lower trays (#51-58), divider and size gauge
- BORDER-LOCK AUTOCLAVABLE TRAYS**  
Border-Lock Tray #42 1-pack  
Border-Lock Tray #43 1-pack  
Border-Lock Tray #44 1-pack  
Border-Lock Tray #45 1-pack  
Border-Lock Tray #46L 1-pack  
Border-Lock Tray #46R 1-pack  
Border-Lock Tray #47 1-pack  
Border-Lock Tray #48L 1-pack  
Border-Lock Tray #48R 1-pack  
Border-Lock Tray #49 1-pack  
Border-Lock Tray #51 1-pack  
Border-Lock Tray #52 1-pack  
Border-Lock Tray #53 1-pack  
Border-Lock Tray #54 1-pack  
Border-Lock Tray #55 1-pack  
Border-Lock Tray #56 1-pack  
Border-Lock Tray #57 1-pack  
Border-Lock Tray #58 1-pack
- BORDER-LOCK DISPOSABLE REFILLS**  
Border-Lock Tray #42 10-pack  
Border-Lock Tray #43 10-pack  
Border-Lock Tray #44 10-pack  
Border-Lock Tray #45 10-pack  
Border-Lock Tray #46L 10-pack  
Border-Lock Tray #46R 10-pack  
Border-Lock Tray #47 10-pack  
Border-Lock Tray #48L 10-pack  
Border-Lock Tray #48R 10-pack  
Border-Lock Tray #49 10-pack  
Border-Lock Tray #51 10-pack  
Border-Lock Tray #52 10-pack  
Border-Lock Tray #53 10-pack  
Border-Lock Tray #54 10-pack  
Border-Lock Tray #55 10-pack  
Border-Lock Tray #56 10-pack  
Border-Lock Tray #57 10-pack  
Border-Lock Tray #58 10-pack
- BORDER-LOCK UPPER STORAGE KIT**
- BORDER-LOCK LOWER STORAGE KIT**
- BORDER-LOCK EDENTULOUS AUTOCLAVABLE INTRO KIT**  
Contains 10 trays; 5 lower trays (#21-25), 5 upper trays (#31-35), divider and size gauge
- BORDER-LOCK EDENTULOUS AUTOCLAVABLE TRAYS**  
#21 1-pack #31 1-pack  
#22 1-pack #32 1-pack  
#23 1-pack #33 1-pack  
#24 1-pack #34 1-pack  
#25 1-pack #35 1-pack
- BORDER-LOCK EDENTULOUS MOULDBLE DISPOSABLE TRAYS**  
#21 5-pack #31 5-pack  
#22 5-pack #32 5-pack  
#23 5-pack #33 5-pack  
#24 5-pack #34 5-pack  
#25 5-pack #35 5-pack
- BORDER-LOCK EDENTULOUS MOULDBLE STORAGE KIT**  
Contains 10 trays; 5 lower trays (#21-25), 5 upper trays (#31-35), divider and size gauge
- BORDER-LOCK EDENTULOUS DISPOSABLE TRAYS**  
#21 5-pack #31 5-pack  
#24 5-pack #32 5-pack  
#25 5-pack #34 5-pack  
#35 5-pack

# TEMPTRAY™



TEMPTRAY™s from CLINICIAN'S CHOICE® are designed for accuracy and versatility. Made from rigid aluminum, TEMPTRAYS are customizable and easy-to-use for both anterior and posterior temporary restorations. TEMPTRAYS can be easily adjusted for malaligned teeth and fit virtually all arch shapes. With high, perforated walls, the TEMPTRAY is designed to firmly retain the matrix material while eliminating the chance of distortion. TEMPTRAYS are the perfect companion to TEMPLATE® Ultra Quick Matrix material and are a fraction of the cost of quadrant or dual-arch trays.

## Posterior TempTray:

- Multiple teeth can be captured
- Posterior tabs for easy placement. Can be folded in to prevent retro molar pad impingement
- Adjustable, perforated side walls
- Single use. 100% recyclable.
- Available in 50-, 100-, 250-packs, and Trial Kit



TempTray and Template are seated intraorally (30 second set).



An accurate and detailed matrix is created. Notice the sharp interproximal detail which decreases finishing time. Unlike alginate, Template's interproximal tags will not fold during re-insertion.

*Dentistry and photography courtesy of Dr. Robert Margeas*

# ANTERIOR TEMPTRAY™



## Anterior TempTray:

- Unique slot arch design allow for adjustment to fit all arch widths
- Adjustable handle for easy placement and removal
- High side wall to capture any tooth length
- Perforated side walls
- Single use. 100% recyclable.
- Available in 50-, 100-packs, and Trial Kit

### CLINICAL TECHNIQUE

#### Anterior Provisional Bridge Technique

*Dentistry and photography courtesy of Dr. Robert Lowe*



1. Pre-op photo of an existing, unesthetic, anterior bridge to be replaced.



2. Load the customized Anterior TempTray with Template Matrix Material and place intraorally within the 30-second working time.



3. After only 30 seconds, remove the tray from the mouth. The result is an accurate and detailed matrix.



4. The use of Inspire Esthetic Provisional Composite in combination with the Template matrix results in a strong provisional restoration with minimal flash for ease of finishing.



5. Line the Inspire provisional with Cling2 Temporary Cement and seat on the prepared teeth within the 30-second working time. After 60 to 90 seconds, the excess cement is easily removed.



6. The completed anterior Inspire provisional restoration: strong, durable and esthetic.



TEMPTRAY Trial Kit



TEMPTRAY (50-Pack)



ANTERIOR TEMPTRAY (50-Pack)

TEMPTRAY (50-Pack)	TEMPTRAY Trial Kit (50 TempTrays, 50 Anterior TempTrays)
TEMPTRAY (100-Pack)	ANTERIOR TEMPTRAY (50-Pack)
TEMPTRAY (250-Pack)	ANTERIOR TEMPTRAY (100-Pack)



# TEMPLATE®

## Ultra Quick Matrix Material



Traditionally, dentists use putty, alginate, vacuum stint or bite registration as a matrix to fabricate their provisional restorations. Without fail, all of these materials either take too long, lack detail or do not provide enough rigidity to prevent excess flash.

### Clinical Challenges

**PUTTY** – Takes too long to set and lacks interproximal detail resulting in excess finishing time.

**ALGINATE** – Requires clean-up and too often produces thick margins and interproximal tags that fold during reinsertion causing excess interproximal flash and time wasted finishing your provisional restoration.

**VACUUM FORM** – The most time-consuming technique with the least accuracy. Provisionals made this way lack detailed anatomy which is not worth the expensive lab time.

**BITE REGISTRATION** – This is a fast material but usually lacks detail and flow, causing more finishing time. Bite registration material is often very expensive.

The best solution for your next temporary matrix is TEMPLATE® Ultra Quick Matrix Material, a silicone matrix material that provides far superior detail and accuracy. Best of all, it sets in 30 seconds – no vacuum, no hand-mixing, and no flash! TEMPLATE flows into the embrasure areas and into the finest morphology, yet when cured, it releases easily and maintains its stable form indefinitely.

### Take a TEMPLATE of the lingual!

Most dentists repair Class III and IV defects only to find themselves struggling with finishing the lingual aspect of the restoration – and during the struggle the clock keeps ticking! Now, when you use TEMPLATE and the Lingual Matrix Technique, you can pre-shape and refine the lingual surface while you're restoring the tooth, leaving only the polishing step to complete the restoration.

### CLINICAL TECHNIQUE

#### Provisional Crown Technique

*Dentistry and photography courtesy of Dr. Gildo Santos*



1. Crown to be temporized.



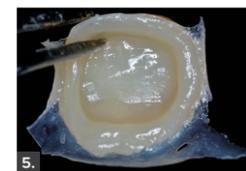
2. Template has ideal flow without slumping.



3. Inspire Esthetic Provisional Composite is extruded into the Template matrix. Template captures sharp marginal and occlusal detail and becomes rigid.



4. Inexpensive TempTrays are ideal for the Template matrix technique.



5. Template's accuracy results in minimal flash and finishing time.



6. Inspire is strong, dense, and easy to finish (pre-polish shown).



7. In seconds, Inspire can be polished to an ultra-esthetic finish.



- TEMPLATE (4-Pack) 4-50mL cartridges, 12 mixing tips, instructions/SDS.
- TEMPLATE (12-Pack) 12-50mL cartridges, instructions/SDS.
- TEMPLATE (36-Pack) 36-50mL cartridges, instructions/SDS.
- TEMPLATE MATRIX PACK 2-50mL cartridges TEMPLATE CLEAR, mixing tips, instructions/SDS.

"I use TEMPLATE for all my Class IV composite restorations for the quickest way to create an accurate provisional matrix."

— Dr. Robert Margeas  
Des Moines, IA



### CLINICAL TECHNIQUE

#### TEMPLATE Lingual Matrix Technique

*Dentistry and photography courtesy of Dr. Gildo Santos*



1. Initial case showing tooth #9 fractured.



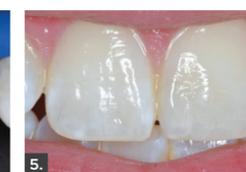
2. After a mock-up restoration the lingual and incisal surfaces were captured by a thick layer of Template.



3. After tooth preparation, etching, and bonding agent applied and light-cured, a nano-filled composite was packed against Template matrix to form the lingual shelf.



4. Dentin layer of a nano-filled composite was used to replicate the "dentin" portion of the restoration.



5. Final layer of microfill composite (enamel shade) was placed to complete the restoration, cured, then polished.

# TEMPLATE<sup>®</sup> CLEAR

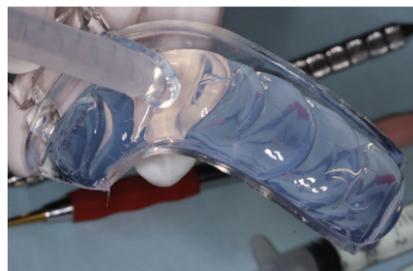
Universal Clear Matrix Material

## Provisional Veneers Just Got Easier

TEMPLATE<sup>®</sup> CLEAR is water-clear and provides excellent visibility throughout the fabrication process. Now you can visually verify that you have the right amount of provisional material for the case at hand, preventing voids or overfill situations that lead to more required chair time. TEMPLATE CLEAR has excellent flow properties, capturing the most precise morphology and is especially effective at creating defined margins and minimizing flash.

TEMPLATE CLEAR is the very best matrix material for veneer temporaries. When used with a CLINICIAN'S CHOICE<sup>®</sup> clear, non-perforated impression tray (below), you have a matrix with a window effect for the ultimate in clarity. This allows you to add more material to prevent voids plus allows you to light-cure directly through the matrix.

Use TEMPLATE CLEAR in the anterior or posterior, for one or multiple restorations, and no other material is better for the occlusal matrix technique for direct posterior composite restorations.



Template Clear is best used with a non-perforated tray for maximum clarity and can be used in full arch or sectional trays.



Water-clear Template Clear provides excellent visibility throughout the provisional process. After loading the tray with a provisional composite and reseating, potential voids are easily identified and if a light-cured provisional material is used (ie. veneer temps), Template Clear's clarity will allow light-curing directly through it.

Dentistry and photography courtesy of Dr. Robert Ritter.



The Template Clear matrix demonstrating perfect clarity in the anterior.

Dentistry and photography courtesy of Dr. Gildos Santos



- TEMPLATE Clear (2-Pack)  
2-50mL cartridges, mixing tips, instructions/SDS
- TEMPLATE Clear 6-Pack  
6-50mL cartridges, instructions/SDS  
\* Mixing tips not included
- TEMPLATE Clear (12-Pack)  
12-50mL cartridges, instructions/SDS  
\* Mixing tips not included
- TEMPLATE MATRIX PACK  
2-50mL cartridges TEMPLATE,  
2-50mL cartridges TEMPLATE CLEAR,  
mixing tips, instructions/SDS.



Clinician's Choice

# CLEAR IMPRESSION TRAYS

- Clear, non-perforated impression trays
- Designed for use with TEMPLATE Clear and AFFINITY Crystal to create a clear matrix for veneer temporaries
- Available in: Universal Anterior, Full Arch Upper, Full Arch Lower, and quadrant trays (left and right)
- Available in 6- or 25-packs



- Full Arch Upper (medium)  
6-pack  
25-pack
- Full Arch Lower (medium)  
6-pack  
25-pack
- Universal Anterior (upper/lower)  
6-pack  
25-pack
- Quadrant (left)  
6-pack  
25-pack
- Quadrant (right)  
6-pack  
25-pack



# INSPIRE<sup>™</sup>

Esthetic Provisional Composite

Provisional fabrication is an important aspect of every indirect restoration. The ideal provisional restoration not only gives the patient an accurate preview of the final restoration; but also ensures continued tooth and tissue health, proper function and position, and a natural, esthetic result.

Provisional fabrication should be easy, efficient, predictable, and strong, as well as esthetic. INSPIRE<sup>™</sup> from CLINICIAN'S CHOICE<sup>®</sup> is a unique bisacryl composite designed to provide all these ideal benefits.

## INSPIRE is Strong

With an ideal elastic modulus (3136 MPa), INSPIRE is very strong and is less likely to fracture along margins, even when tooth reduction is less than ideal.

INSPIRE's high flexural and compressive strength render it easy to trim and resistant to fracture. You'll notice INSPIRE feels firm, is less porous and less prone to cracks when trimming. INSPIRE also has a high dimetral tensile strength and when coupled with its outstanding impact strength, you can be confident that INSPIRE provisionals will not succumb to sudden and extreme forces of mastication. INSPIRE's low 3.4% shrinkage prevents missed margins, especially with lower incisors.

## Be INSPIRED with Superior Handling and Esthetics

INSPIRE is stackable and stays where you place it, preventing over-filling of the matrix which commonly results in excess flash/finishing, and a waste of valuable chair time.

You'll love how INSPIRE shines with minimal or no effort. Now you can achieve a composite-like finish in seconds.

INSPIRE's 4 available shades (71g cartridges: B1, A1, A2 and A3.5) provide ideal translucency and fluorescence to match natural tooth structure, making it perfect for anterior cases.

## Procedure Efficiency & Confidence

INSPIRE provides an efficient 40-second working time which is sufficient for single or multiple unit cases. INSPIRE can be removed from the mouth in as little as 1:30-2:30 minutes and has a total cure time of 4:30 minutes to ensure procedural efficiency.

The INSPIRE oxygen inhibited layer is minimal and its chemistry contains no Bisphenol-A. Additionally, it has one of the lowest exothermic reactions in this product category.

## Compare INSPIRE'S Superior Mechanical AND Physical Properties

	Elastic Modulus (MPa)	Flexural Strength (MPa)	Impact Resistance (MPa)	Compressive Strength (N/mm <sup>2</sup> )	Diametral Tensile Strength (MPa)	Maximum Temperature (°C)	O <sup>2</sup> Inhibited Layer (mg)
INSPIRE <sup>™</sup>	3136	105	76	379	62	53	39.4
Integrity <sup>™</sup> **	3055	93	63	277	50	59	32.5
Integrity Multi-Cure <sup>™</sup> **	3367	104	65	377	42	61	71.4
Luxatemp Plus <sup>™</sup> **	2888	97	76	295	47	67	26.9
Protemp Plus <sup>™</sup> **	2796	88	69	488	57	68	25.3
Structure 2 <sup>™</sup> **	3387	106	59	274	47	81	50
Structure 3 <sup>™</sup> **	2178	87	53	481	45	69	53.5

\* Not a trademark of CLINICIAN'S CHOICE<sup>®</sup> Dental Products Inc. \*\* In-house data.

Inspire 71g cartridge, 12 mixing tips, instructions/SDS  
A1  
A2  
A3.5  
B1



## 10 Unit INSPIRE Case With ZERO Polishing



Dentistry and photography courtesy of Dr. Danièle Larose

## CLINICAL TECHNIQUE

Dentistry courtesy of Dr. Brad Carson. Photography courtesy of Dr. Gildo Santos

1. Failed all-ceramic restoration with endodontic treatment restored with Macro-Lock Illusion X-RO, Fibercone, and Zircoles Zirconia Nano-Filled Core Material.
2. After provisional matrix fabrication using Template Ultra Quick Matrix Material and a metal TempTray, Inspire is injected into the Template matrix. **CLINICAL TIP:** Keep the tip immersed while filling to prevent air bubbles.
3. The Inspire-loaded TempTray is immediately inserted over the tooth preparation and allowed to set for 1:30 minutes. Upon removal, the provisional restoration shows minimal flash, facilitating easy trimming and finishing.
4. The Inspire provisional crown is cemented using Cling<sup>2</sup> Resin Optimized Temporary Cement. Cling<sup>2</sup> cures in about 90 seconds and flash is easily removed without damage to the soft tissue.
5. The final Inspire temporary crown immediately post-insertion after minimal polishing.

# CLING2<sup>®</sup>

Resin Optimized Temporary Cement



Premature dislodgement of temporary crowns and bridges disrupts the daily routine of many dental practices. Accommodating a patient for re-cementation, resetting an operator...why do you put up with this clinical challenge?

CLING2<sup>®</sup> is a temporary cement you can get attached to! With a zinc oxide, non-eugenol formulation and optimized with a small amount of carboxylate resin, temporaries cemented with CLING2 simply won't come off until you need them to. And when it's time for removal, the temporary comes off easily, with minimal clean-up of the preparation. CLING2's unique properties also make it bacteriostatic, reducing gingival plaque retention and inflammation in the sulcus - with CLING2 ideal tissue health is always the result. CLING2 won't breakdown and provides ideal adhesion and sealing properties. When the patient returns, you won't encounter smelly old cement or irritated tissue. CLING2 actually soothes the tooth, helping to prevent sensitivity.

### Simple Placement



Cling2 sets in about 1:30 minutes for easy placement

### Easy Clean-Up



As Cling2 sets, it easily peels away from margins.

### Superior Adhesion



Once set, Cling2's resin optimized formula provides extra adhesion to prevent premature dislodgement

### Efficient Removal



When you are ready, Cling2 releases and usually stays in the prosthesis making clean-up a breeze. The remaining Cling2 on preparation flakes off easily.

### Exceptional Tissue Health



Cling2 carboxylate resin and non-eugenol, zinc oxide formula prevent adverse bacterial activity, resulting in exceptional tissue health.

#### CLINICAL TECHNIQUE

Dentistry and photography courtesy of Dr. Robert Lowe



1. Inspire provisionals are loaded with Cling2.



2. The temporary restoration is inserted and held in place for 60 to 90 seconds.



3. Cling2 effortlessly peels off margins.



4. Cling2's translucency makes it the perfect choice for anterior restorations. Here, the provisionals demonstrate ideal esthetics and tissue health is maintained.



CLING2 5ml Syringe  
1-5mL syringe (base & catalyst), 12 mixing tips, instructions/SDS

CLING2 10ml Syringe  
1-10mL syringe (base & catalyst), 15 mixing tips, instructions/SDS

Mixing Tips  
25-pack  
100-pack

# ESTHETIC PROVISIONALS

Something that will INSPIRE your Patients



## INSPIRE<sup>™</sup> COMPLETE PROVISIONAL SYSTEM

from Clinician's Choice

The ideal provisional restoration provides function and helps to maintain both hard and soft tissue position and health throughout the provisional process. All too often dentists endure clinical problems with provisional restorations which include long fabrication and finishing time, marginal fractures and staining, premature dislodgement, and poor tissue response. These clinical problems can develop throughout the provisional fabrication process.

With the INSPIRE<sup>™</sup> Complete Provisional System, we've solved all of these clinical challenges. The INSPIRE system kit includes clinically proven products for each step of the provisional technique - products that were designed to solve very specific clinical problems. The result is a simple and efficient technique to provide you and your patients with esthetic, functional and long-lasting provisional restorations, fabricated in a fraction of the chair time.



#### System Kit Includes

TEMPTRAY<sup>™</sup> ANTERIOR TEMPTRAY<sup>™</sup> TEMPLATE<sup>®</sup> INSPIRE<sup>™</sup> CLING2<sup>®</sup>



Inspire Complete Provisional System  
4 Posterior TempTrays,  
4 Anterior TempTrays,  
1-50mL cartridge Template Ultra Quick Matrix Material,  
1-10mL Inspire Esthetic Provisional Composite,  
1-5mL Cling2 Resin Optimized Temporary Cement,  
mixing tips, instructions/SDS

# GLISTEN™

## Provisional Resin Glaze

Modern provisional composites are very effective at providing ideal form, function and tissue support; however, attempting to polish such materials is very time-consuming and often results in a less than ideal shine. At CLINICIAN'S CHOICE®, we believe in making provisional restorations strong, esthetic, functional, and equally as important, efficient to fabricate.

GLISTEN™ Provisional Resin Glaze minimizes your polishing time while providing a beautiful glistening shine on your provisional veneers, crowns, bridges, inlays and onlays. GLISTEN can be applied and cured either extra-orally or intraorally due to its resin-based formula. GLISTEN can be applied in a very thin layer and once cured, makes the provisional "glisten", just like a natural tooth. Compared to other temporary glazing materials, GLISTEN is thinner, can be cured intraorally and with any curing light, and it provides a superior shine.



**CLINICAL TIP:**  
If GLISTEN is placed prior to cementation, it will prevent excess cement from adhering to the outside of the crown—saving finishing time.

**CLINICAL TECHNIQUE**

*Dentistry and photography courtesy of Dr. Brad Carson and Dr. Len Boksman*



1. Glisten is applied intraorally to a bisacryl temporary.



2. The drop of Glisten is painted over the entire surface and air thinned.



3. Final shine after light-curing.

**CLINICAL TECHNIQUE**

*Dentistry and photography courtesy of Dr. Gildo Santos*



1. Anterior four unit temporary bridge after trimming with burs and discs.



2. A fine, thin coat of Glisten is applied eliminating the polishing step. Cure each unit/surface for 30-40 seconds with any curing light with a 1000mW output.



3. When fully cured the temporary is polished, shows less wear, is smoother to the patient's tongue and easier to clean.

GLISTEN  
1-5mL bottle, instructions/SDS



# TEMPTATION® NOW

## Fast Set Temporary Crown & Bridge Composite

TEMPTATION® NOW Fast Set Temporary Crown and Bridge Composite is ideal for use with single crowns or 3-unit bridges and features an ultra fast mouth removal time of 45 seconds to 1 minute (total cure time 4:30 minutes). Available in 76g cartridges and 8g syringes in shades A1, A2 and A3.



TEMPTATION NOW 8g syringes, instructions/SDS  
A1 8g handheld syringe  
A2 8g handheld syringe  
A3 8g handheld syringe

TEMPTATION NOW 76g cartridges, instructions/SDS  
A1 76g cartridge  
A2 76g cartridge  
A3 76g cartridge  
\*Includes mixing tips

10mL Mixing Tips  
25-pack  
50-pack  
100-pack

Dispensing Gun

# MACRO-LOCK® OVAL™

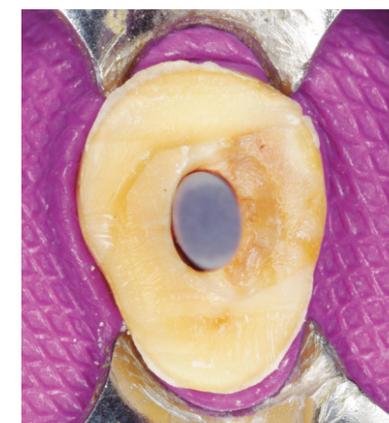
MACRO-LOCK® OVAL™ is a "hybrid" post design for the restoration of wide, flared canals. Featuring color-on-command Illusion technology, advanced X-RO fiber, and compatible with the Macro-Lock drill system, the MACRO-LOCK OVAL simplifies restorations with ovoid canals.

- The unique oval shape provides anti-rotation benefit, while replacing weaker cement with high strength fiber composite. Oval fiber posts are preferable to circular fiber posts in oval-shaped canals, given the stress distribution at the post/dentin interface\*.
- Macro retentive serrations in the upper 1/3 of the post interlock with the cement and core material to increase retention.
- The additional bulk of fibers in the middle 1/3 of the post offers maximum strength and fracture resistance to help protect the tooth.
- Passive spiral grooves in the bottom 1/3 of the post lock into the cement in the ROUND apical portion, which is a conservative 0.04 taper.

\*Er, O., Kilic, K., Esim, E., Aslan, T. Ibrahim H., Sahin Yildirim, K. Stress distribution of oval and circular fiber posts in a mandibular premolar: a three-dimensional finite element analysis J Adv Prosthodont 2013;5:434-9



Standard Post



Macro-Lock Oval

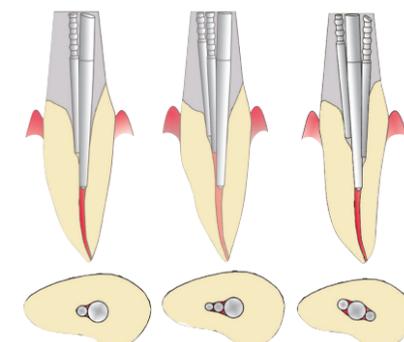
- Macro-Lock Oval Intro Kit A  
5 Oval Posts #1, 5 Oval Posts #3,  
2 Starter Drills, 2 Finishing Drills
- Macro-Lock Oval Intro Kit B  
5 Oval Posts #2, 5 Oval Posts #4,  
2 Starter Drills, 2 Finishing Drills
- Macro-Lock Oval Post #1 (5-pack)  
Macro-Lock Oval Post #2 (5-pack)  
Macro-Lock Oval Post #3 (5-pack)  
Macro-Lock Oval Post #4 (5-pack)

# FIBERCONE™

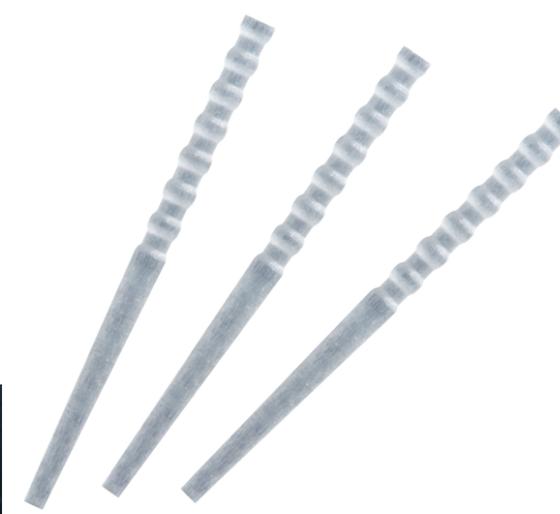
## Accessory Fiber Post

**Indications For Use:**

- Extremely flared canals – where large amounts of cement/core material would otherwise be needed (Fibercone is placed beside the master post)
- Ovoid shaped canals and Figure 8 shaped canals
- In cases where there is minimal tooth structure and extra canals have been obturated. Using Fibercones in the small auxiliary canals increases retention of the core and prevents rotation.



The auxiliary use of the Fibercone increases strength while minimizing the luting cement and thereby decreasing the potential for microleakage.



Fibercone 20-pack

# MACRO-LOCK POST<sup>®</sup> ILLUSION<sup>®</sup> X-RO<sup>®</sup>

## Enhanced Micro AND Macro Retention

The MACRO-LOCK<sup>®</sup> ILLUSION<sup>®</sup> X-RO<sup>®</sup> features a rough surface topography, similar to etched enamel, to provide outstanding micro retention of the luting cement and core material. The MACRO-LOCK ILLUSION X-RO also incorporates several macro retentive features including: circumferential grooves in the post parallel section to retain the core, two flat sides in the head design to prevent post rotation under load, and spiral grooves in the apical third of the post for an improved cement lock.

## Unsurpassed Strength

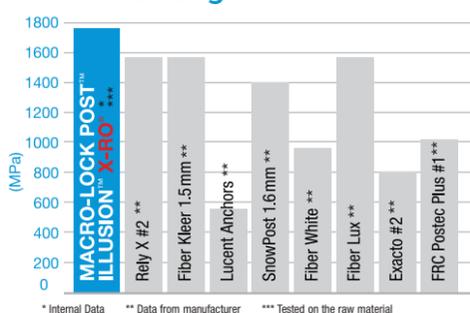
MACRO-LOCK ILLUSION X-RO's flexural strength is at least 1800 MPa, making it the strongest fiber post on the market today (fig 1). MACRO-LOCK ILLUSION X-RO's incredible flexural strength coupled with an elastic modulus close to dentin (18 GPa) ensures the post will flex under load to prevent post fracture and, more importantly, reduce stress on the root – helping to prevent root fractures.

## Color-On-Command Illusion Technology

The 4 sizes of MACRO-LOCK ILLUSION X-RO posts are color-coded for easy post/drill identification. Equally as important, the post color disappears after cementation; the post actually becomes translucent, providing ideal esthetics. In addition, this translucency guarantees optimum light transmission deep into the canal to ensure complete polymerization of the cement (fig 2). Should the post ever need to be removed, simply access the end of the post and spray cold water on it – the color instantly reappears. This color illusion technology provides you the exact size of the post to be removed, as well as the exact post location, so you can drill it out without removing any excess tooth structure.

FIG 1

### Flexural Strength



### Comparative Radiopacity

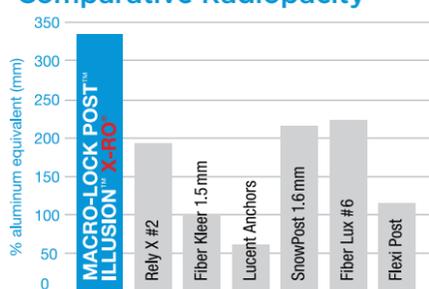
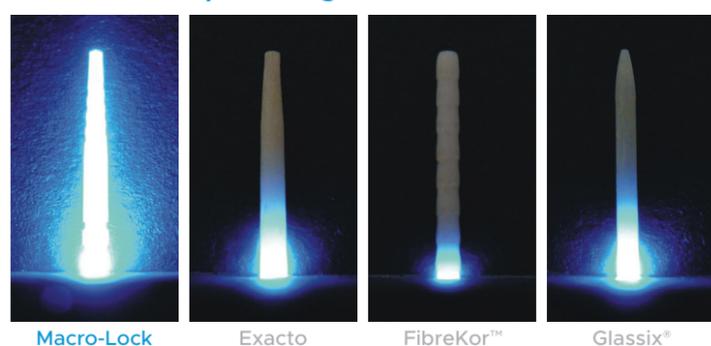


FIG 2

### Superior Light Transmission



Exacto, FibreKor and Glassix are not trademarks of RTD or CLINICIAN'S CHOICE Dental Products.

- Macro-Lock Illusion X-RO Intro Kit (20/5)  
20 – Macro-Lock Illusion X-RO Posts (5 each #1, #2, #3, #4)  
6 Drills (2 universal, 1 each of #1, #2, #3, #4) Accessories
- Macro-Lock Illusion X-RO Trial Kit  
3 posts (#2), 1 Finishing Drill (#2), 1 Universal Drill
- Macro-Lock Illusion X-RO 10-Pack Refills:  
Macro-Lock Illusion X-RO 10pk #1 Post  
Macro-Lock Illusion X-RO 10pk #2 Post  
Macro-Lock Illusion X-RO 10pk #3 Post  
Macro-Lock Illusion X-RO 10pk #4 Post
- Finishing Drill #1  
Finishing Drill #2  
Finishing Drill #3  
Finishing Drill #4  
Universal Starter Drill #2  
Universal Drill



## CLINICAL TECHNIQUE

Dentistry and photography courtesy of Dr. Robert Ritter



1. Facial view of the initial case showing a failed PFM crown on tooth #9 (endo treated).



2. After crown removal, tooth preparation, and root canal prepared to receive a #1 Macro-Lock X-RO post, the canal is etched for 20 seconds, rinsed, and lightly dried with paper points.



3. Bonding agent is applied and light-cured.



4. A dual-cured resin cement is placed inside the canal from the bottom to the top avoiding trapping air bubbles.



5. Macro-Lock X-RO Post is inserted into the resin cement and light-cured.



6. A core build-up is fabricated using the same material selected for cementation.



7. Facial view. The color of the Macro-Lock Illusion X-RO post has disappeared to ensure esthetics are not compromised.

# ZIRCULES™

Zirconia Nano-Filled Core Material

## Does Your Core Material Stack Up?

Scanning available core materials, you may think you have a lot of choices, but did you know that not all core materials perform equally in every clinical situation? Some core materials claim to be dual-cure, but they actually lose significant strength if they are not light-cured. So in restorations where the curing light depth of penetration is limited, strength may be compromised. We believe that's a risk you can't afford.

## Always Strong

ZIRCULES™ is different from other core materials. The ZIRCULES chemistry maintains high strength regardless of whether it's used in a dual-cure or self-cure technique. Some core materials lose significant strength if they are not light-cured – so in situations where curing light penetration is limited, you can be confident that the cores you build with ZIRCULES will remain strong, regardless of the clinical situation. (See charts below, at right)

## It Flows. It Stacks

ZIRCULES' ideal flow consistency is excellent for any core build-up, simple or complex. When you're cementing a post and then building the core, ZIRCULES flows easily into the post space, yet it is stackable, so that you can build a sufficient amount of core material without the material slumping.

## A Cut Above

Zirconium dioxide nano-filler gives ZIRCULES significant benefits over other core materials, including higher radiopacity and improved hardness. Once polymerized, ZIRCULES cuts beautifully, just like dentin. When cutting your preparation, the transition from core material to tooth is smooth and free from gouging.

## Ready For Anything

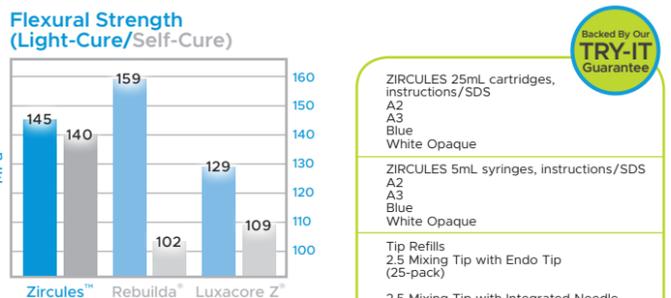
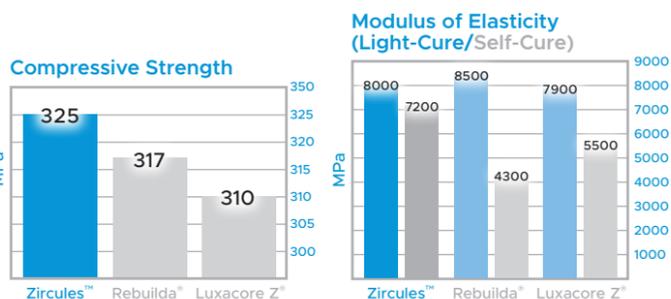
ZIRCULES is available in two esthetic shades (A2, A3), as well as White Opaque and Blue. The benefit of contrast shades (White Opaque or Blue) include easy identification at the junction between the tooth and the core material, as the margin preparation is always required on tooth structure.



## ZIRCULES Will Not Gouge.



Dentistry and photography courtesy of Dr. Christopher Ramsey



**Only ZIRCULES maintains high strength when**  
■ light-cured ■ or self-cured  
In-house data

Rebuilda is a registered trademark of Voco.  
 Luxacore Z is a registered trademark of DMG-America.

**Backed By Our TRY-IT Guarantee**

- ZIRCULES 25mL cartridges, instructions/SDS  
 A2  
 A3  
 Blue  
 White Opaque
- ZIRCULES 5mL syringes, instructions/SDS  
 A2  
 A3  
 Blue  
 White Opaque
- Tip Refills  
 2.5 Mixing Tip with Endo Tip (25-pack)  
 2.5 Mixing Tip with Integrated Needle (25-pack)  
 3.2 Mixing Tip with Integrated Needle (25-pack)  
 4.2 Mixing Tip with Integrated Needle (25-pack)

## CLINICAL TECHNIQUE

Dentistry and photography courtesy of Dr. Gildo Santos



1. Post preparation to receive a Macro-Lock Illusion X-RO #1 post. Try-in.

2. Post cemented with Zircules and core build-up performed with direct application of Zircules using auto-mix integrated needle tip. Note that the material stays in place after delivery without slumping.

3. Final preparation. Note the smoothness of preparation with perfect blending between dentin and Zircules. Also, no ditching is present on preparation due to the mechanical properties of Zircules which cuts just like dentin.

# EVANESCE™ FLOW

Flowable Restorative



## Today's Minimally-Invasive Dentistry Demands More From Flowable Composites.

In addition to its traditional use as a base liner under posterior composite restorations, the ability to provide a strong, durable, and esthetic conservative restoration using a flowable composite is an invaluable asset to any dental practice.

EVANESCE™ FLOW has been engineered to complement the EVANESCE Universal Restorative composite line and features the very same chemistry; resulting in amazing esthetics, high strength and preferred handling. The shades and opacities available in EVANESCE FLOW mirror the applications that EVANESCE is designed for, and provide an excellent shade and opacity match to EVANESCE and the VITA Classic shade guide, enabling it to be used on its own or in combination with EVANESCE. EVANESCE FLOW is thixotropic for improved control, is easily dispensed from the syringe or single dose unit, and will not slump on a vertical surface – making it ideal for use in Class V's and small Class II's. Regardless of its application, its relatively low rate of shrinkage (3.6% compared with up to 5%), and high filler content (62% by weight and 48% by volume), make it truly universal for use anywhere in the mouth.

## Whether You're Choosing For Shade, Location or Opacity – There's an EVANESCE FLOW For That!

EVANESCE FLOW is ideal for superficial Class I and II's due to its esthetics, ability to be adapted to the tooth and high strength. Class V's benefit from its no-slump handling and range of opacities and shades. EVANESCE FLOW is invaluable as a liner base in posterior restorations to support the dentinal/adhesive seal, preventing post-operative sensitivity due to its low contraction shrinkage. Radiographically, EVANESCE FLOW is easily distinguishable from tooth structure and neighboring composite with a radiopacity of 200% AI.

Available in the most popular shades in enamel, universal and dentin opacities, EVANESCE FLOW will easily satisfy the majority of your flowable composite applications. Versatile EVANESCE FLOW is ideal for small esthetic restorations in both the young as well as aging populations; and for blocking out undesirable tooth structure or layering restorations where there are varying degrees of cavity depth.

Esthetic and strong, easy to express and manipulate, available in the most popular shades and opacities, EVANESCE FLOW is the ideal solution to minimally-invasive restorations and a vital component to your large composite cases.



EVANESCE FLOW is clearly distinguishable from composite on a radiograph for ease of diagnosis.

EVANESCE FLOW 1.7g syringe, 5-19g tips, instructions/SDS  
 Available in shades:  
 A1 Universal  
 A2 Universal  
 A3 Universal  
 A4 Universal  
 B1 Universal  
 BL1 Universal  
 A1 Enamel  
 A2 Enamel  
 A3 Enamel  
 B1 Enamel  
 A2 Dentin



20-pack Single Dose (0.25g each), instructions/SDS  
 Available in shades:  
 A1 Universal  
 A2 Universal  
 A3 Universal  
 A4 Universal  
 B1 Universal  
 BL1 Universal  
 A1 Enamel  
 A2 Enamel  
 A3 Enamel  
 B1 Enamel  
 A2 Dentin

# COMPO-JECT™



You use unit-dose compules because they're efficient and clean up is a cinch. And really, you've never thought much about your dispensing gun. After all, a gun is a gun... isn't it?

If a gun is a gun, then why are you spending so much time replacing your cracked and broken plastic dispensing guns? Let's face it, plastic dispensing guns are not durable. Most are too big and bulky to fit into your hand correctly, and they are not designed well enough to secure the compule in place. Plastic guns also force the compule tip downward during extrusion, requiring you to adjust your hand and arm angles during material placement (fig 1).

COMPO-JECT™ is a unique metal compule dispensing gun designed for all brands of composite compules. COMPO-JECT features an ideal design that allows for a comfortable grip (regardless of your hand size), a spring-lock mechanism to prevent inadvertent dislodging of the compule (fig 2), as well as a smooth and effortless trigger mechanism which helps to maintain control of the compule tip (fig 3).

The COMPO-JECT's metal construction is autoclavable and will not crack, unlike plastic dispensers. Stop spending a fortune in time and money on plastic dispensing guns, and start enjoying the use of the light-weight and durable COMPO-JECT – the last dispensing gun you will ever want to buy.

**IMPORTANT NOTE:** COMPO-JECT is designed for manufacturer pre-filled compules only.

"My COMPO-JECT feels solid and natural in my hand to give me control and accuracy in composite placement."

— **Dr. Elliot Mechanic**  
 Montreal, Canada

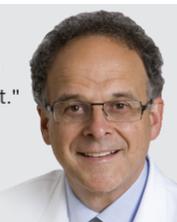


FIG 1

Other dispensing guns force the tip downward during extrusion, requiring you to adjust your hand and arm angles during material placement.



FIG 2

COMPO-JECT maintains tip control during extrusion.



FIG 3

COMPO-JECT's locking mechanism prevents inadvertent dislodging of the compule.

**5-YEAR WARRANTY**

# Nano-Enhanced EVANESCE™ Universal Restorative



91%  
overall  
rating



## For Restorations That Disappear

EVANESCE™ Nano-Enhanced composite from CLINICIAN'S CHOICE® is designed for both simple and complex cases. To EVANESCE means to disappear gradually; vanish; fade away. True to its name, EVANESCE composite blends effortlessly with natural dentition. Formulated with a proprietary process to optimize the refractive index of its unique nano pigments and fillers, you'll be amazed with its polishability and its ability to disappear or what we call its "evanesce effect". Truly amazing esthetics can be easily achieved with EVANESCE and its simple technique often requires only a single shade or, in more complex cases, fewer layers of composite.

## Exceptional Handling

Beyond beautiful esthetics, EVANESCE exhibits putty-like handling. With the assistance of rheological modifiers, EVANESCE adapts during placement and manipulation, yet is absolutely slump-free when you take your instrument or brush away, holding its form until you polymerize. Now you can build the most detailed anatomy or place the thinnest layers, for an infinity edge, with ease.

## Evanesce UX

EVANESCE UX shades offer additional options for placement featuring a slightly lower viscosity. Whether it's personal preference or the need to optimize adaptation in certain clinical cases, such as very conservative cavity preparations, EVANESCE provides the clinician with added versatility. With an 85% universal/body opacity, UX shades can be used for single shade restorations or combined with other EVANESCE opacities and Enamel FX shades for multi-layer cases. EVANESCE UX is available in the most popular shades including A1, A2, A3, A3.5, B1, C2, and BL1.

## A Complete Restorative System

Truly a universal composite for both anterior and posterior cases, EVANESCE is strong, has low shrinkage (2%), and packs beautifully into Class I and II preparations. EVANESCE is available in multiple VITA shades in three opacities options: Enamel (80%), Universal (85%) and Dentin (90%).

## EVANESCE Shades and Opacities

UNIVERSAL SHADES (85% Opacity)											
A1	A2	A3	A3.5	A4*	B1	B2	C1*	C2	C3*	BL1*	BL3*
UX SHADES** (85% Opacity)											
AIUX*	A2UX*	A3UX*	A3.5UX*	BIUX*	C2UX*	BLIUX*					
DENTIN SHADES (90% Opacity)											
	A1	A2	A3	A3.5	B1	C2	C4*				
ENAMEL SHADES (80% Opacity)											
	A1	A2	A3	A3.5	B1	B2*	C2				
ENAMEL FX SHADES											
ENAMEL Incisal			ENAMEL White				ENAMEL Clear				

\*Available in single dose only

\*\*UX indicates a slightly lower viscosity



Dentin A1 (90% opacity)    Universal A1 (85% opacity)    Enamel A1 (80% opacity)    ENAMEL FX Enamel Clear (60% opacity)

**REQUEST A SAMPLE!**  
Visit [www.FindTheRestoration.com](http://www.FindTheRestoration.com)



Before



Anterior Build-Up and Shade Change

Dentistry and photography courtesy of Dr. Marcos Vargas

"A composite whose optical 'chameleon' properties allow it to blend seamlessly with the tooth. EVANESCE makes all anterior composite restorations easier to match existing tooth color."

— Dr. Robert Lowe  
Charlotte, NC



To further enhance esthetic enamel characterization, we've developed three non-VITA "ENAMEL FX" shades: Enamel White, Enamel Incisal, and Enamel Clear.

### EVANESCE FX Enamel White

- 70% opacity
- Reinforced microfill
- Used to create lingual shelf and small incisal defects
- Available in 0.25g single dose or 3g syringe



### EVANESCE FX Enamel Incisal

- 60% opacity
- Nano-hybrid
- Incisal placement
- Available in 0.25g single dose or 4g syringe



### EVANESCE FX Enamel Clear

- 50% opacity
- Reinforced microfill
- Enhance facial lobes
- Thin clear coat
- Available in 0.25g single dose or 3g syringe



## Multi-Shade Emergency Anterior Case



Active adolescent presents with a second Class IV fracture.



A lingual shelf built with Evanesce Enamel FX White, followed by Evanesce A2 Dentin, opaquers, and then overlaid with Evanesce A1 Enamel. (Immediately post-op: shown before tooth re-hydration.)

Dentistry and photography courtesy of Dr. Robert Margaes

## Direct Composite Veneer



This challenging fracture case was prepared only with air abrasion prior to the application of MaxEtch 35% Phosphoric Acid Etchant and MPa Max adhesive.



A remarkably esthetic result using only one single layer of Evanesce A1 Universal and A.S.A.P. All Surface Access Polishers. Note the perfect blending of Evanesce and tooth: the Evanesce effect.

Dentistry and photography courtesy of Dr. Michael Miyasaki

## Post-Ortho Case



Pre-operative view showing uneven tooth wear due to pre-ortho malocclusion.



Evanesce A1 Enamel and Evanesce Fx Shade: Enamel Incisal are placed prior to finishing.



Final, polished Evanesce restoration immediately post-op.

Dentistry and photography courtesy of Dr. Daniele Larose

## Posterior Class I



Evanesce packs beautifully into Class I and II preparations when compared to other composites — especially bulk-fill materials. Superior non-slump handling allows you to create occlusal grooves and ridges; minimizing finishing time.

Dentistry and photography courtesy of Dr. Daniele Larose

## Match to Porcelain



Matching composite material to porcelain is a common clinical challenge. The Evanesce range of opacities and outstanding polishability make porcelain matching cases significantly easier. Evanesce is a truly universal restorative system.

Dentistry and photography courtesy of Dr. Daniele Larose

**Request an in-office demonstration**



EVANESCE 4g Syringes, instructions/SDS  
A1 Universal 10-pack  
A2 Universal 10-pack  
A3 Universal 10-pack  
A3.5 Universal 10-pack  
B1 Universal 10-pack  
B2 Universal 10-pack  
C2 Universal 10-pack  
A1 Enamel 10-pack  
A2 Enamel 10-pack  
A3 Enamel 10-pack  
A3.5 Enamel 10-pack  
B1 Enamel 10-pack  
C2 Enamel 10-pack  
A1 Dentin 10-pack  
A2 Dentin 10-pack  
A3 Dentin 10-pack  
A3.5 Dentin 10-pack  
B1 Dentin 10-pack  
C2 Dentin 10-pack  
C4 Dentin 10-pack  
Enamel FX White 10-pack  
Enamel FX Incisal 10-pack  
Enamel FX Clear 10-pack

EVANESCE Single Dose 10pk - 0.25g each, instructions/SDS  
A4 Universal 10-pack  
A1 Universal 10-pack  
B2 Universal 10-pack  
C1 Universal 10-pack  
A3.5 Universal 10-pack  
BL1 Universal 10-pack  
BL3 Universal 10-pack  
A1 Enamel 10-pack  
A2 Enamel 10-pack  
A3 Enamel 10-pack  
A3.5 Enamel 10-pack  
B1 Enamel 10-pack  
Enamel 10-pack  
A1 Dentin 10-pack  
A2 Dentin 10-pack  
A3 Dentin 10-pack  
A3.5 Dentin 10-pack  
B1 Dentin 10-pack  
C2 Dentin 10-pack  
C4 Dentin 10-pack  
Enamel FX White 10-pack  
Enamel FX Incisal 10-pack  
Enamel FX Clear 10-pack

EVANESCE Single Dose 20pk - 0.25g each, instructions/SDS  
A1 Universal 20-pack  
B2 Universal 20-pack  
C1 Universal 20-pack  
A3.5 Universal 20-pack  
BL1 Universal 20-pack  
BL3 Universal 20-pack  
C2 Universal 20-pack  
  
EVANESCE UX Single Dose 20pk - 0.25g each, instructions/SDS  
AIUX 20-pack  
A2UX 20-pack  
A3UX 20-pack  
A3.5UX 20-pack  
BIUX 20-pack  
C2UX 20-pack  
BLIUX 20-pack  
  
EVANESCE Syringe Trial Kit  
Contains: 5 x 4g syringes in Universal shades: A1, A2, A3, A3.5, B1, instructions/SDS  
  
EVANESCE Single Dose Trial Kit  
Contains: 5 x 0.25g single dose 10-packs in Universal shades: A1, A2, A3, A3.5, B1, instructions/SDS



# DR. RONALD JORDAN

Composite Instrument Series



- Series of 8 non-stick composite instruments inspired by Dr. Ronald Jordan, a pioneer of esthetic dentistry.
- REJ Instruments feature large, autoclavable, comfortable Radel handles for precise placement and contouring of composite material.
- Titanium Nitride tips are non-stick for ease of placement.

REJ Complete Set  
 REJ #01  
 REJ #02  
 REJ #03  
 REJ #04  
 REJ #10  
 REJ #20  
 REJ #21  
 REJ #22

PLEASE NOTE: Once instruments are opened, they cannot be returned

# COMPOSITE NINJA



One of the challenges when creating a high quality esthetic composite restoration is choosing and using the appropriate instrumentation. The stages of placement, shaping and contouring, and finishing require specific instrumentation for each specific function. The COMPOSITE NINJA Instrument from CLINICIAN'S CHOICE® was designed to perform the tasks of several composite instruments, all-in-one. The COMPOSITE NINJA Instrument allows for adapting and shaping the composite prior to curing, while its multi-angled blade enables tapering of the composite interproximally while establishing line-angles and blending the material into the natural tooth, forming a restoration that requires minimal post-curing adjustment. Glass ionomer and amalgam restorations can benefit from the ease of carving and sculpting, as well as post-cure adjustments, with the versatile COMPOSITE NINJA Instrument.

- Single instrument for placement, shaping and contouring, and finishing of composite restorations.
- Double-edged blade for efficient, atraumatic removal of overhangs and flash.
- Multi-angled blade provides easy access to any area of the tooth without awkward wrist rotation.
- Versatility results in less instrument set-up and sterilization, saving time and money.

Designed by Dr. Les Kalman.

Composite Ninja

PLEASE NOTE: Once instruments are opened, they cannot be returned

# ESTHETIC CONTOURING INSTRUMENTS

Clinician's Choice



Highly detailed anterior composite restorations require specifically designed instruments to properly manipulate and contour the material, especially along the cervical margins. ESTHETIC CONTOURING INSTRUMENTS make anterior composite restorations easy!

- Features convex paddle to spread composite across the facial plane for diastemas, Class IV and Class V restorations. The long, flat, thin, flexible blade makes interproximal composite placement and manipulation a breeze.
- Featuring the same convex paddle and flat blade tips as the Gold Grip instrument, the Soft Grip provides superior ergonomics by adapting to individual finger hold and positioning and is designed to withstand the autoclave long-term.
- Bladed end allows trimming of excess composite and to cut grooves into the material to create the illusion of enamel cracks. With its opposing blade, ripples can be created prior to cutting for better light reflection.

CLINICIAN'S CHOICE  
 Esthetic Contouring Instrument (Gold Grip)  
 Replacement Tip

CLINICIAN'S CHOICE  
 Esthetic Contouring Instrument (Soft Grip)  
 Replacement Tip

CLINICIAN'S CHOICE  
 Esthetic Contouring Instrument (Blue Grip)  
 Replacement Tip

PLEASE NOTE: Once instruments are opened, they cannot be returned

# MPa™ MAX

## Maximum Performance Adhesive

MPa™ MAX is a total-etch adhesive system that provides:

### MAXimum Bond Strength

In an independent research study, MPa MAX total-etch adhesive produced the highest bond strength to dentin, enamel, zirconia and lithium disilicate. Regardless of the bonding situation you face, MPa MAX will give you confidence for predictability and longevity.

### MAXimum Ease of Use

MPa MAX is designed for consistency and utilizes a single application on each adhesive wall. You'll notice MPa MAX is thicker than other adhesives, which allows you to easily coat each adhesive wall, ensuring the dentin and enamel are properly sealed. Unlike other adhesives that are easily over-thinned during the solvent evaporation step, MPa MAX is best thinned with half air pressure until the adhesive stops moving, indicating the ethanol solvent has properly evaporated, while ensuring the adhesive remains behind. This feature is a primary reason that we have never received a complaint about post-operative sensitivity from MPa users over the last 5 years.

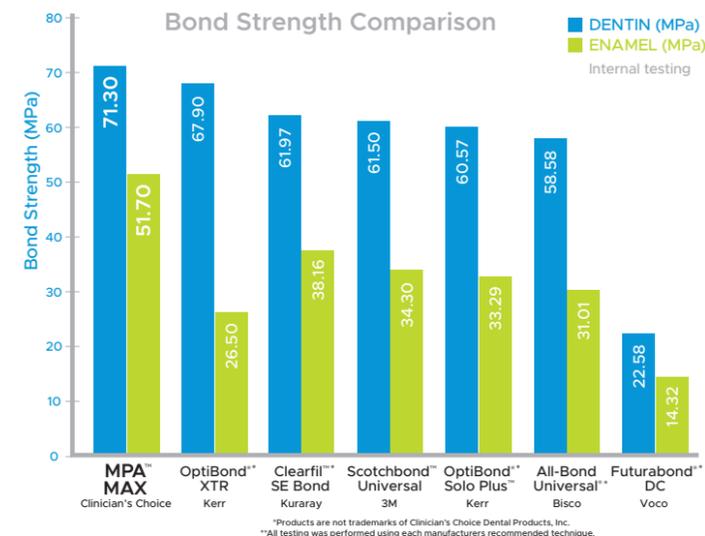
### MAXimum Prevention of Post-Operative Sensitivity

Post-operative sensitivity is prevented in two ways with MPa MAX. MPa MAX consistently coats and seals dentin tubules which prevents intratubular fluid flow – the cause of post-operative pain. The MPa MAX Starter Kit also contains G5™ (see next page), a glutaraldehyde-based desensitizer that has a long clinical track record for preventing post-operative sensitivity. G5 works by coagulating the plasma protein in the tubules up to 200um, helping to seal the dentin and prevent stimulation of the odontoblast processes. Combined, G5 and MPa MAX, eliminate the chance of sensitivity.

### MAXimum Adhesive Longevity

Recent research proves that most dentin bonding agents lose significant bond strength within the first 6 months, and by up to 50% (Pashley research\*). When acid is used to etch dentin, the mineral content of the dentin is dissolved leaving organic collagen behind as well as exposed MMP (Metalloproteinases) enzymes. After the dentin adhesive is placed and restoration completed, these MMPs slowly dissolve the collagen at the adhesive interface, resulting in significant degradation of the adhesive bond. Virtually all self- and total-etch adhesives are susceptible to this bond degradation. However, further research reveals that MMP activation can be inhibited with chlorhexidine (CHX). MPa MAX is one of the few adhesives that contains 0.2% CHX to help prevent adhesive bond degradation caused by MMPs. MPa MAX will provide you with confidence that your adhesive restorations will last for many years.

\* D.H. Pashley, et al. J Dent Res. 2007 January; 86 (1): 90-94 Chlorhexidine Preserves Dentin Bond in Vitro.



MPa MAX Starter Kit  
 1-5mL bottle MPa MAX Maximum Performance Adhesive,  
 1-5mL bottle G5 All-Purpose Desensitizer,  
 1-5mL syringe MAX ETCH 35% Phosphoric Acid,  
 Accessories, instructions/SDS

MPa MAX 5mL Refill Bottle

MAX-ETCH 35% Phosphoric Acid  
 5mL syringe  
 30mL syringe

G5 All-Purpose Desensitizer  
 10mL bottle  
 5mL bottle



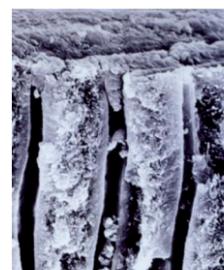
# G5™

All-Purpose Desensitizer



G5™ is ideal for use with total-etch adhesive systems to help prevent post-operative sensitivity. Simply apply G5 after etching, scrub it into the preparation for 10 seconds, and damp blot the excess. This provides the ideal “moist” surface for effective bonding.

In addition, recent research shows that G5 is an ideal inhibitor to MMP activity. MMPs or matrix metalloproteinases are enzymes found in dentin that become active after being exposed by acid etching. MMP activity contributes to the degradation of collagen fibers exposed after etching which results in a breakdown of the adhesive/dentin interface, significantly lowering bond strength. The glutaraldehyde in G5 inhibits MMPs from breaking down the dentin collagen.



G5's glutaraldehyde-based formulation has been proven to help obturate dentin tubules by coagulating plasma proteins.

For Kit Configurations see previous page.

CLINICAL TECHNIQUE

Dentistry and photography courtesy of Dr. Robert Margeas



1. After caries removal and placement of the matrix band and wedge, thoroughly clean and dry the preparation.



2. Liberally apply Max-Etch H3PO4 to the preparation and etch for 20 seconds.



3. Rinse the Max-Etch for a minimum of 5 seconds then scrub G5 All-Purpose Desensitizer onto the preparation for 10 seconds, blotting any excess. Leave the surface visibly moist.



4. Apply MPa Max adhesive (ensuring each adhesive wall is coated) and gently scrub for 10 seconds. Thin and air dry using ¼ to ½ air pressure to evaporate the solvent, for 10 seconds. The preparation should appear shiny with no pooling.



5. Light-cure for 10 seconds using a standard light with an output >600 mW/cm2 or 20 seconds if the output is <600 mW/cm2.



6. Proceed with placement and light-curing of the composite. A bulk-fill composite was used in this case.



7. Use an A.S.A.P. Pre-Polisher to remove surface scratches.



8. Apply light pressure using the A.S.A.P. Final High Shine Polisher to quickly bring an esthetic luster to the restoration. 20 seconds should do it!



9. The final restoration: A combination of life-like esthetics and a strong, enduring dentin/enamel bond.

# DUALFORCE™

Sectional Matrix System



## DUALFORCE™ Sectional Matrix System. Engineered for more than just tight contacts!

Today's sectional matrix systems all have clinical challenges that can keep you from creating your best case scenario, such as:

- Excess flash that's difficult to finish (especially at the proximal box).
- Most rings fatigue over time, lose their separation force, and require re-tensioning, yet never regain their original strength.
- Most wedges just fill in the interproximal space, don't provide much separation force and don't always seal the matrix band tooth interface, resulting in flash.
- Many matrix bands do not properly wrap the tooth, making it difficult to restore teeth when part or all of a cusp is missing.

We're sure you can relate to all or some of these challenges. If we are correct, it's time you consider DUALFORCE, a system designed to solve all of these clinical challenges so you can restore teeth more effectively and efficiently, resulting in your best case scenario.

### DUALFORCE RINGS

DUALFORCE Molar and Pre-Molar Rings are engineered using unique, dual nickel titanium wires that provide excellent balanced separation force on both mesial and distal surfaces. Using nickel titanium wire renders the DUALFORCE Rings resistant to fatigue so you will have consistent separation force throughout the life of the ring.

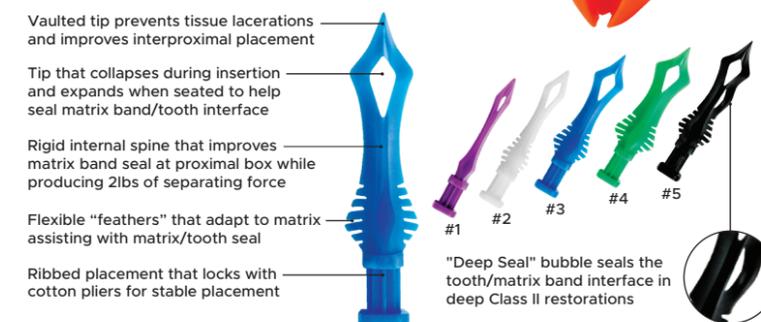
DUALFORCE Rings have 4 independent interproximal separating prongs that adapt better to the tooth morphology and exhibit the ideal engagement angle to ensure they seat firmly and securely, resisting dislodgement. You'll notice less hand strain is required to open the rings, yet the resulting separation force on the teeth is stronger.

Everyone gets frustrated with trying to clean composite and adhesive from the rings—no more with DUALFORCE. Autoclavable DUALFORCE Rings resist composite and adhesive sticking.



### DUALFORCE ACTIVE-WEDGES™

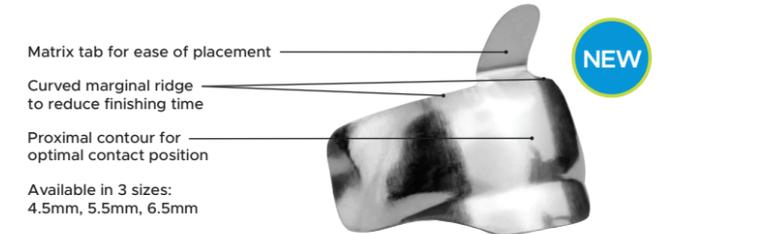
DUALFORCE Active-Wedges don't just fill a space; they actively engage the matrix band and adjacent tooth. Active-Wedges are designed to glide into position with a collapsing tip that re-opens once fully placed. The ideal Active-Wedge contour and strong internal spine places significant force on the matrix band to seal all margins and prevent flash while producing 2lbs of separating force. This means less finishing time for your best case scenario. Featuring ISO color-coded sizing, Active-Wedges are available in five sizes to address all clinical situations, including a unique “Deep Seal” wedge that seals the matrix band at the proximal box interface better than any wedge you've ever used!



### DUALFORCE ULTRA-WRAP™ MATRIX BANDS

Ultra-Wrap™ Sectional Matrix Bands are made from .015” semi-hard stainless steel; thin yet rigid enough to resist crimping during placement. The single occlusal tab enables the Ultra-Wrap matrix band to be securely carried and placed, then easily folded away from the preparation to preserve access to the proximal box. This pre-contoured matrix places the contact in the optimal position while ensuring the natural oval shape of the contact itself.

The DUALFORCE Complete Kit comes with unique Punch Pliers that securely grip the matrix tab for ease of placement. Once the restoration is complete, the Punch Pliers can be applied anywhere you desire to punch a hole in the band for ease of removal.



Request an in-office demonstration



“DUALFORCE is a sectional matrix system that intimately adapts the band to the margins of the preparation, eliminating flash and excessive adjustment during finishing.”

— Dr. Robert Lowe  
Charlotte, NC



CLINICAL TECHNIQUE

Dentistry and photography courtesy of Dr. Parag R. Kachalia



1. With rubber dam in place (PARO Non-Latex Rubber Dam), pre-op view of wide Class II on first molar requiring replacement.



2. Ultra-Wrap matrix band in place extending well beyond the proximal line angles. Ultra-Wrap is made from .015" semi-hard stainless steel making it more resistant to crimping during placement.



3. The Active-Wedge tip collapses during insertion for easy placement, then re-expands when fully seated, regaining full contour for an improved matrix band seal.



4. Once seated, the Dual-Force Sectional Matrix System provides a complete gingival seal with a tight vertical seal of the matrix band along with a strong and stable separation force, resulting in less chance of composite flash.



5. First increment of Evanesce Restorative material adapted to include Ultra-Wrap's pre-contoured occlusal lip, establishing an ideal rolling marginal ridge.



6. Evanesce composite adapts to the internal surfaces of the preparation with excellent packability.



7. Evanesce is easily sculpted with no slumping, efficiently and effectively establishing the ideal occlusal anatomy before the final curing.



8. Diamond impregnated A.S.A.P. Pre-polisher initiates the 2 step polishing sequence in just 10-15 seconds.



9. The A.S.A.P. Pre-polisher gently diminishes small surface defects without affecting anatomy.



10. After just 10-15 seconds of polishing with the A.S.A.P. Final High Shine Polisher, the final esthetic restoration with an optimal proximal contact.



DUAL-FORCE Complete Kit with Ultra-Wrap Bands

<p><b>Starter Kit with Ultra-Wrap Bands</b> Contains 1 x Pre-Molar Ring (orange), 1 x Molar Ring (green), 25 x 4.5mm Ultra-Wrap Matrix Bands, 25 x 5.5mm Ultra-Wrap Matrix Bands, 25 x 6.5mm Ultra-Wrap Matrix Bands, 20 x Active-Wedge #1 (Purple), 20 x Active-Wedge #2 (White), 20 x Active-Wedge #3 (Blue), 20 x Active-Wedge #4 (Green), 20 x Active-Wedge #5 (Black).</p>	<p><b>Complete Kit with Ultra-Wrap Bands</b> Contains 1 x Starter Kit, 1 x Punch Pliers, 1 x Ring Forceps.</p>
<p><b>Ultra-Wrap Matrix Band 100-pack Refills</b> 4.5mm 5.5mm 6.5mm</p>	<p><b>Active-Wedge Intro Kit</b> Contains 40 x each size wedge (#1, #2, #3, #4, #5) #1 100-pack #2 100-pack #3 100-pack #4 100-pack #5 100-pack</p>
<p><b>Ring 2-pack Refills</b> Pre-molar Molar Assorted</p>	<p><b>Ring Forceps</b> Punch Pliers</p>



# CONVEXI-T™ & CONVEXI-T™ S2

Convex Tofflemire™ Matrix Bands      Stainless Steel Convex Tofflemire™ Matrix Bands

## Produce Naturally Contoured Interproximal Form and Contacts

Using regular matrix bands to restore interproximal restorations can be difficult because most matrix bands are flat occluso-gingivally. Even when the contact is burnished, the matrix band seldom holds its shape. This leads to flat interproximal contours, black triangles, loose contacts, and food traps. This contact is often broken when creating occlusal embrasure form, or prematurely breaks down under normal occlusal forces.

CONVEXI-T™ Convex Tofflemire™ Matrix Bands are pre-contoured buccal/lingually and occlusal/gingivally and are available in two options. The original CONVEXI-T matrix bands are 0.025mm thin and are dead soft, allowing them to be further contoured if necessary. CONVEXI-T S2 (stainless steel) matrix bands are slightly more rigid at 0.04mm thick, facilitating easy placement when preparations are tight – even having the ability to push through a partially closed preparation. Both options will provide a tighter and more naturally contoured contact with your Class II restorations.

Both versions of CONVEXI-T matrix bands, available in widths of 5.5mm or 6.3mm, facilitate the creation of interproximal contours necessary to recreate the contact areas and natural convex anatomy of the interproximal area.



CONVEXI-T Convex Tofflemire Dead Soft Matrix Bands 0.025mm thin  
6.3mm 30-pack  
5.5mm 30-pack

CONVEXI-T S2 Stainless Steel Convex Tofflemire Matrix Bands 0.04mm thin  
6.3mm 30-pack  
5.5mm 30-pack



CLINICAL TECHNIQUE

## MOD Composite Restoration

Dentistry and photography courtesy of Dr. Len Boksman and Dr. Brad Carson



1. 6.3mm Convexi-T band applied showing contact and convex embrasure forms.



2. MOD composite restoration on tooth #29 with ideal contact and embrasure form.



# PREDATOR® ZIRCONIA

PREDATOR® ZIRCONIA diamond burs are manufactured using a robust bonding technology process that provides maximum cutting efficiency and effortless access through tough zirconia for both endodontic treatment and crown removal. Each bur has a unique black protective coating which insulates the nickel plating, resulting in a significant reduction in friction and heat build-up. This also ensures superior cutting efficiency by allowing the diamond particles to remain bonded to the bur shank. Often only one PREDATOR ZIRCONIA bur is required to access or remove a zirconia-based restoration.



Cuts through zirconia in as little as 10 seconds.

Dentistry and photography courtesy of Dr. Gillo Santos



## PREDATOR® ZIRCONIA DIAMONDS

US NO.	801	801	801	807	856	856	862	878K	368
DIAMETER 1/10MM	014	018	023	018	018	022	014	021	023
H/LENGTH (MM)	1.4	1.8	2.3	5.0	9.0	9.0	7.0	8.0	5.0
MEDIUM	•	•	•	•	•	•	•	•	•
FINE	•	•	•	•	•	•	•	•	•

PREDATOR ZIRCONIA Kit  
Zea tapered fissure, football round, ball and inverted cone burs (medium & fine grit)

Refill Kits (5 Burs)	Z807-018	Z862-014
Z801-014 Fine Medium	Z807-018 Fine Medium	Z862-014 Fine Medium
Z801-018 Fine Medium	Z856-018 Fine Medium	Z878K-021 Fine Medium
Z801-023 Fine Medium	Z856-022 Fine Medium	Z368-023 Fine Medium

# CLEANCUT™

## Extended Use Diamonds

CleanCut™ Extended Use Diamonds represent the ultimate in precision engineered cutting instruments.

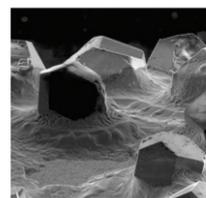
Many traditional diamond burs feature unevenly distributed diamond layers of varying heights that are prone to excessive heat generation, rapid clogging, and early loss of cutting particles.

CleanCut Diamond Burs are manufactured using a brazing manufacturing technique that strategically bonds uniformly-sized and shaped diamonds to ensure consistent orientation and height for optimum diamond cutting efficiency. The result of this precision-oriented process is the formation of debris-clearing channels that prevent bur clogging. Balanced and efficient cutting results in faster, more accurate tooth reduction and margin placement, without the need to refine. CleanCut Extended Use Diamond Burs feature universal length shanks making them suitable for both small and large handpieces, and are autoclavable for consistent and effective cutting from one case to the next.

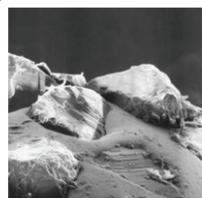


Controlled edge consistency optimizes prep quality and improves CAD/CAM scanning and reproduction.

### CleanCut™ Diamonds VS Galvanic Diamonds



Proprietary diamond technology ensures improved spacing of diamond placement for faster, clog-free cutting.



Burs with galvanic coatings are prone to inconsistent particle orientation, heat generation, clogging, and early diamond loss.

SHAPE	801-014	801-016	801-018	801-021	801-023
MAJOR DIAMETER (mm)	1.4	1.6	1.8	2.1	2.3
HEAD LENGTH (mm)	1.4	1.6	1.8	2.1	2.3
	COARSE	COARSE	COARSE	COARSE	COARSE
	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM

GRIT GUIDE
COARSE
MEDIUM
FINE

SHAPE	856-012	856-014	856-016	856-018	US 770.8	856-021	856-025	856L-016	856L-018	US 767.9	US 770.10	US 780.9
MAJOR DIAMETER (mm)	1.2	1.4	1.6	1.8	1.8	2.1	2.5	1.6	1.8	1.8	1.8	2.1
HEAD LENGTH (mm)	8	8	8	8	8	8	8	9	9	9	10	9
	COARSE	COARSE	COARSE	COARSE	COARSE	COARSE	COARSE	COARSE	COARSE	COARSE	COARSE	COARSE
	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM
	FINE	FINE	FINE	FINE	FINE	FINE	FINE	FINE	FINE	FINE	FINE	FINE

SHAPE	KS1	KS2
MAJOR DIAMETER (mm)	1.2	1.4
HEAD LENGTH (mm)	7	8
	COARSE	COARSE

SHAPE	US 250.8
MAJOR DIAMETER (mm)	1.2
HEAD LENGTH (mm)	8
	COARSE
	MEDIUM
	FINE

SHAPE	379-018	379-023
MAJOR DIAMETER (mm)	1.8	2.3
HEAD LENGTH (mm)	3.4	4.3
	COARSE	COARSE
	MEDIUM	MEDIUM
	FINE	FINE

SHAPE	368-018	368-023	US 285.5
MAJOR DIAMETER (mm)	1.8	2.3	2.3
HEAD LENGTH (mm)	4.6	5	5
	COARSE	COARSE	COARSE
	MEDIUM	MEDIUM	MEDIUM
	FINE	FINE	FINE

SHAPE	811-033
MAJOR DIAMETER (mm)	3.3
HEAD LENGTH (mm)	5.5
	COARSE
	MEDIUM

SHAPE	847KR-016	847KR-018
MAJOR DIAMETER (mm)	1.6	1.6
HEAD LENGTH (mm)	8	8
	COARSE	COARSE
	MEDIUM	MEDIUM
	FINE	FINE

SHAPE	US 703.8
MAJOR DIAMETER (mm)	1.8
HEAD LENGTH (mm)	8
	COARSE
	MEDIUM
	FINE

SHAPE	US 260.8	US 265.8
MAJOR DIAMETER (mm)	1.4	1.4
HEAD LENGTH (mm)	8	8
	COARSE	COARSE
	MEDIUM	MEDIUM
	FINE	FINE

SHAPE	858-014
MAJOR DIAMETER (mm)	1.4
HEAD LENGTH (mm)	8
	COARSE

# A.S.A.P.®

## All Surface Access Polishers

### One Shape. All Access. Unlimited Shine.

The ideal polish provides life-like vitality to your esthetic restorations. It also promotes restorative longevity, prevents staining and improves tissue health along the margins. The clinical challenge has always been how to access all tooth surfaces and create a great polish, quickly, until now!

A.S.A.P.® All Surface Access Polishers from CLINICIAN'S CHOICE® provide the ultimate high shine, in seconds—with only one shape. These diamond-impregnated, flexible polishing spirals are designed for optimal adaptation to any surface, including difficult to reach areas, such as interproximal surfaces. This simple two step system is ideal for use on all composites; as well as ceramic, zirconia, lithium disilicate, and provisional restorations.

### A.S.A.P. Pre-Polisher

Embedded with diamond particles (44 microns), the A.S.A.P. Pre-Polisher (purple) gently diminishes small surface defects, without affecting anatomy, and prepares the surface for a final high-gloss polish.

### A.S.A.P. Final High Shine Polisher

The second step to this time-saving technique is to apply light to moderate pressure over the restoration to create a smooth, final high luster surface. Each A.S.A.P. Final High Shine Polisher (orange) is embedded with small, 3-6 micron sized diamond particles to provide a life-like polish in as little as 20 seconds.

Autoclavable 30 times or more, A.S.A.P. Polishers are designed to withstand wear while providing an efficient and consistent polish use after use. A.S.A.P. Polishers are available in both a small (10mm) for pedodontic restorations and patients with limited access, as well as a large (14mm) polisher, in a variety of kit and refill configurations.

### All Surface Access Polishing



"A.S.A.P. Polishers elevate the results of my resin restorations time and time again. I feel as though they bring out the shine that is trapped within many resins on the market."

— Dr. Parag R. Kachalia  
San Ramon, CA



- ASAP Starter Kit  
3 x Pre-polishers Small, 3 x Pre-polishers Large,  
3 x Final High Shine Polishers Small,  
3 x Final High Shine Polishers Large
- ASAP 6-pack Refill Small: 3 x Pre-polishers,  
3 x Final High Shine Polishers.
- ASAP 6-pack Refill Large: 3 x Pre-polishers,  
3 x Final High Shine Polishers.
- ASAP 2-pack Refill Small: 1 x Pre-polisher,  
1 x Final High Shine Polisher.
- ASAP 2-pack Refill Large: 1 x Pre-polisher,  
1 x Final High Shine Polisher.
- ASAP 3-pack Pre-Polisher Small  
ASAP 3-pack Pre-Polisher Large  
ASAP 3-pack Final High Shine Polisher Small  
ASAP 3-pack Final High Shine Polisher Large



# ASAP® INDIRECT+ All Surface Access Polishers



The ASAP® INDIRECT+ diamond polishing system is all you need to refine and create an outstanding shine on all your indirect ceramic restorations. This versatile system is fast and simple; delivering a super high-gloss polish A.S.A.P.! Designed with a higher concentration of diamond particles and coupled with a durable silicone binder, the ASAP INDIRECT+ system is ideal for today's harder indirect restorative surfaces.

Available in Intraoral/RA or Extraoral/HP options, the ASAP INDIRECT+ Starter Kits include multi-shaped, diamond impregnated "adjusters", as well as ASAP INDIRECT+ diamond impregnated polishing wheels. To make minor adjustments or to remove scratches caused by diamond bur adjustments, the ASAP INDIRECT+ Coarse Adjuster (grey); available in a disc, point or cylinder shape, can be used on any zirconia, lithium disilicate or ceramic prosthesis. Next, use the ASAP INDIRECT+ Pre-Polisher (blue) to smooth the prosthetic surface and initiate an initial gloss. The final step of this technique, is to apply light pressure using the ASAP INDIRECT+ Final Polisher (pink) to create a stunning high luster polished surface, in seconds!

ASAP INDIRECT+ All Surface Access Polishers can access any surface: occlusal, lingual, interproximal and facial, eliminating the need for multiple shapes.

CLINICAL TECHNIQUE

## Chair-side Adjustment and Polishing with the ASAP INDIRECT+ System

Dentistry and photography courtesy of Dr. Robert Lowe



To make minor adjustments or to remove scratches caused by diamond bur adjustments, the ASAP INDIRECT+ Coarse Adjuster; available in a disc, point or cylinder shape, can be used on any zirconia, lithium disilicate or ceramic prosthesis.

The ASAP INDIRECT+ Pre-Polisher is used to smooth the prosthetic surface and initiate an initial gloss.



The ASAP INDIRECT+ Final Polisher creates a stunning high luster in seconds!

ASAP INDIRECT+ restores a high luster polish on any zirconia, lithium disilicate or ceramic surface, in under a minute!

Final bonded ceramic crown.

ASAP Indirect+ Intraoral/RA Starter Kit Coarse Adjuster (1 ea: Point, Disc, Cylinder), 1 ea: Pre-Polisher, Final Polisher
ASAP Indirect+ Extraoral/HP Starter Kit 1 ea: Disc Adjuster, Cylinder Adjuster, 2 ea: Pre-Polisher, Final Polisher
ASAP Indirect+ Intraoral/RA Polisher Refill 2-pack 1 ea: Pre-Polisher, Final Polisher
ASAP Indirect+ Intraoral/RA Point Adjuster Refill 3-pack 3 x Point Adjusters
ASAP Indirect+ Intraoral/RA Cylinder Adjuster Refill 3-pack 3 x Cylinder Adjusters
ASAP Indirect+ Intraoral/RA Disc Adjuster Refill 3-pack 3 x Disc Adjusters
ASAP Indirect+ Intraoral/RA Pre-Polisher Refill 3-pack 3 x Pre-Polishers
ASAP Indirect+ Intraoral/RA Final Polisher Refill 3-pack 3 x Final Polishers



# D-FINE SHAPE & SHINE™ Single Step Diamond Polishers

## Define, Shape & Create Shine With a Single Polisher!

Time-saving SHAPE & SHINE™ diamond impregnated polishers allow you to effortlessly shape, contour, and polish cured composite material, all in a single step!

D-FINE SHAPE & SHINE polishers feature 45 micron size diamond particles that conservatively contour composite when additional pressure is applied. During polishing, these diamond particles continuously break down, getting smaller in just seconds. The breakdown of micron particles creates submicron particles which result in a high luster, unrivalled finish on all hybrid and nanofilled composite materials. With SHAPE & SHINE, minor contouring and polishing adjustments can now be made easily!

D-FINE SHAPE & SHINE Single Step Diamond Polishers are durably designed, providing between 6 to 10 uses per polisher, and can be autoclaved at 270°F to 275°F.

Available in 6 shapes to facilitate all restorative requirements.



CLINICAL TECHNIQUE

Dentistry and photography courtesy of Dr. Robert Margeas



1. Nanofill composite veneer adapted and light-cured.

2. Final high luster composite surface created using the Shape & Shine polishers.



Trial Pack - 12 polishers, 2 of each shape
Refill Pack - 10 polishers, 1 shape
#01
#02
#04
#05
#06
#08



# GROOVY DIAMOND™ Polishing Brushes



## A Perfect Polish in 30 Seconds...Groovy!

GROOVY Diamond® Polishing Brushes from CLINICIAN'S CHOICE® are diamond impregnated bristle brushes that create an ultra-high shine by polishing the surface grooves and detailed anatomy that you spend valuable chair time creating. The GROOVY Diamond Polishing Brush technique is simple and efficient, and won't leave behind that lifeless flat surface that often occurs with disc finishing systems.

## GROOVY Outpolishes

GROOVY Diamond Polishing Brushes work faster than silicone carbide brushes and provide a higher shine. What's more, they will not lose their bristles like other polishing brushes. And with GROOVY, there's no need for multiple steps or messy polishing pastes.

## GROOVY Outlasts

GROOVY brushes can be autoclaved and re-used dozens of times. You'll get more polishes per brush and a better result each time when you choose GROOVY Diamond Polishing Brushes over silicone rubber brushes or other conventional polishers.

## GROOVY Outperforms

GROOVY Diamond Polishing Brushes work on all nano and hybrid composites, porcelain, and bisacryl temporaries. They're truly universal!

CLINICAL TECHNIQUE

Dentistry and photography courtesy of Dr. Robert Margeas



1. Upper left central composite veneer after pre-contouring with Contour point (see page 41).

2. Light, intermittent pressure with Groovy Universal brush to create polish.

3. Final high luster shine created by Groovy Polishing Brush.

GROOVY Mix-Packs 6-pack (2 Universal, 2 Mid-Size, 2 Occlusal)
Tri-Pack (4 Universal & 4 Occlusal, 4 Mid-Size)
GROOVY Universal (6-pack)
GROOVY Occlusal (6-pack)
GROOVY Mid-Size (6-pack)
GROOVY Wheel (6-pack)



# D-FINE DOUBLE DIAMOND™

Polishing System for Hybrid Composites and Porcelain

The D-FINE DOUBLE DIAMOND™ system allows for exceptional polishing of hybrid, nano-hybrid, and nano-filled composite materials, as well as most ceramic restorations. This 2-step polishing system includes 45 micron diamond Primary Polishers (purple), designed to remove surface irregularities and prepare the tooth surface for the Final High Shine polisher. To achieve a very fast and beautiful polish, use the D-FINE DOUBLE DIAMOND Final High Shine polisher (peach), which contains 3-6 micron diamond particles. The ideal technique uses light to moderate pressure with intermittent water spray. D-FINE DOUBLE DIAMOND polishers are flexible, allowing you to hug composite margins, and are available in 8 convenient shapes. Unlike many polishing systems, D-FINE DOUBLE DIAMOND polishers are multi-use and when used according to directions, can be autoclaved 12 times or more—dramatically reducing the cost per use. This versatile and award winning polishing system is the “work-horse” you’re looking for.



D-FINE Primary Polisher



D-FINE High Shine Polisher



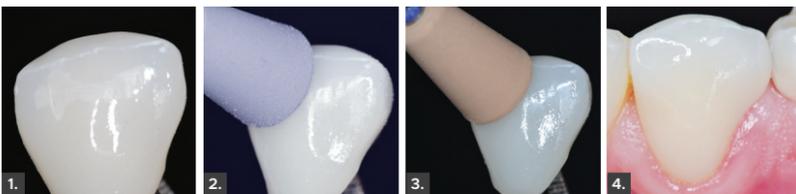
- DOUBLE DIAMOND Starter Kit  
8 primary polishers,  
8 final high shine polishers  
(1 of each shape)
- DOUBLE DIAMOND Trial Kit  
6 primary polishers,  
6 final high shine polishers  
(specify 1 shape)  
#01  
#02  
#03  
#04  
#05  
#06
- DOUBLE DIAMOND Primary Polisher Refill Kit  
12 primary polishers  
(specify 1 shape)  
#01  
#02  
#03  
#04  
#05  
#06  
#08  
#09
- DOUBLE DIAMOND Final High Shine Polisher Refill Kit  
12 final high shine polishers  
(specify 1 shape)  
#01  
#02  
#03  
#04  
#05  
#06  
#08  
#09



CLINICAL TECHNIQUE

## D-FINE Double Diamond Porcelain Crown Technique

Dentistry and photography courtesy of Dr. Gilda Santos



- Facial view of e-max crown after occlusal adjustments. Note matte surface caused by the adjustments at the buccal-incisal area.
- Using a light wiping motion, the D-Fine Double Diamond Primary Polisher (45 micron diamond particles) is used to create the initial polish.
- Using light pressure with the D-Fine Double Diamond Final High Shine Polisher creates the final high-gloss finish. Water spray is recommended.
- The D-Fine Double Diamond final high shine achieved in about a minute of chair time.

# CONTOURS™

Coarse Anatomy Trimmers



## Create Some Contour With CONTOURS

These 90 micron aluminum oxide coarse anatomy trimmers are designed to create secondary anatomy on your composite restorations. After you've created the gross anatomy with carbide or diamond burs, use CONTOURS™ for refining the gross anatomy, removing striations, and creating secondary grooves, lobes, and characterization in the restoration.

Conventional polishers are inefficient and prone to premature wear. CONTOURS are unique in that they trim composite quickly, without significant degradation. CONTOURS are autoclavable and can be re-used several times.

Available in 6 shapes, there's a CONTOURS shape perfectly suited for every anterior or posterior restoration you undertake.



CONTOURS Assorted 12-pack



- CONTOURS 12-pack  
12 trimmers – 2 of each shape
- CONTOURS 20-pack  
20 trimmers – single shape  
(specify shape)  
#01  
#02  
#04  
#05  
#06  
#08



# NEW CONTOURS™

Finishing & Polishing Discs



Unlock the esthetic potential of your composite by incorporating CONTOURS™ Finishing and Polishing Discs into your polishing regimen. The new CONTOURS Finishing and Polishing Discs are a color-coded, easy to use sequence of 4 semi-flexible Aluminum Oxide discs, designed to efficiently shape and refine your composite restoration, while polishing it to a life-like luster.

CONTOURS Discs are available in the two most popular sizes of 3/8" (9.5mm) and 1/2" (12.7mm) diameters that effortlessly and securely pop onto a round mandrel. From coarse grit to superfine, the CONTOURS Disc has a consistent flex that allows for control without gouging at the margin and minimizes any scarring of the surface from accidental contact with the metal center—no matter which direction the disc is facing. Intuitive shading of the discs, from dark purple to light pink as the grit decreases from coarse to superfine, allows for easy identification of each step of the polishing sequence. Choose the 3/8" (9.5mm) disc for margins and areas near the papilla, as well as on posterior and/or pedodontic restorations. The larger 1/2" (12.7mm) disc is perfect for larger surface reduction, contouring and polishing.

The CONTOURS Finishing and Polishing Disc system is designed to be used in sequence from coarse to superfine; however, the coarse and medium grit discs can also be used to establish surface texture as well as preparing the composite for the A.S.A.P. Pre- and Final High Shine Polishers (see page 37) as part of an esthetic and efficient finishing and polishing regimen.

	Coarse	Medium	Fine	Superfine
3/8" 9.5mm				
1/2" 12.7mm				

- CONTOURS Finishing & Polishing Discs Trial Kit  
Contains: 200 discs (25ea: 1/2" Coarse, Medium, Fine, Superfine, 25ea: 3/8" Coarse, Medium, Fine, Superfine), 1 mandrel
- CONTOURS Finishing & Polishing Discs Starter Kit (1/2")  
400 discs total (100ea: 1/2" Coarse, Medium, Fine, Superfine), 1 mandrel
- CONTOURS Finishing & Polishing Discs Starter Kit (3/8")  
400 discs total (100ea: 3/8" Coarse, Medium, Fine, Superfine), 1 mandrel
- CONTOURS Finishing & Polishing Discs Refills  
Contains: 85 discs  
1/2" Coarse 3/8" Coarse  
1/2" Medium 3/8" Medium  
1/2" Fine 3/8" Fine  
1/2" Superfine 3/8" Superfine
- CONTOURS Finishing & Polishing Discs Mandrel Refill  
Contains: 3 mandrels



ENDODONTICS

Clinician's Choice

# TYPHOON X-PLORER™

Canal Navigation Files

When hand instrumentation is used exclusively for creating a path to the apex of the root, often the canal can become transported or ledged. This is especially common when progressing from a #10 to a #15 file. This 50% increase in file diameter can make initial instrumentation to the apex very difficult and time-consuming.

X-PLORER™ files are a set of unique canal navigation NiTi files. X-PLORER files will help you negotiate working length quickly and efficiently. Use the X-PLORER series after a #8 or #10 hand file. The first X-PLORER file, 15/.01, is more flexible than a #15 hand file and half the taper. You may then proceed with X-PLORER files 20/.01 and 20/.02 for an excellent reproducible glide path.

- #15/.01 taper file to negotiate working length quickly and efficiently
- More durable than typical glide path instruments, capable of negotiating tortuous anatomy
- Follow with #20/.01 and #20/.02 (and optionally, 25/.02) X-PLORER files for an excellent reproducible glide path
- #15/.01 is also available as a hand file



X-PLORER in use in an extremely tortuous canal



X-PLORER files greatly help in executing a reproducible glide path in complicated anatomy

Dentistry and photography courtesy of Dr. Yusef Nahmias



- X-PLORER Rotary File 6-pack  
15/.01 25mm  
15/.01 21mm  
20/.01 21mm  
20/.02 21mm  
20/.01 25mm  
20/.02 25mm  
25/.02 21mm  
25/.02 25mm
- ASSORTED (2 each)  
21mm  
15/.01, 20/.01, 20/.02
- ASSORTED (2 each)  
25mm  
15/.01, 20/.01, 20/.02
- X-PLORER Hand File 6-pack  
15/.01 25mm  
15/.01 21mm



# TYPHOON™

## Infinite Flex NiTi Files

Controlled Memory NiTi Technology

### Without Question, NiTi Endodontic Files Revolutionized Root Canal Therapy Almost Two Decades Ago.

The flexibility of traditional NiTi files were a great improvement over stainless steel files, allowing curved canals to be addressed more easily. Further, the advent of rotary handpieces used with NiTi files formed the armamentarium of choice for virtually every endodontist and a large percentage of general dentists.

Also without question, NiTi files and rotary handpieces have shortcomings, the two most common being file separation and over-instrumentation of the canal. These, in fact, are why some general dentists are against using rotary-driven endodontics in their practices.

### Infinite Flex Without the Memory

TYPHOON™ Infinite Flex NiTi Files are constructed with revolutionary Controlled Memory NiTi™ Technology, which exhibits virtually no memory. While traditional NiTi files are flexible, they will always try to straighten when flexed within a canal. This causes unbalanced lateral cutting forces along the canal wall and often results in ledging, as well as excess tooth structure being removed unnecessarily. When you choose memory-free TYPHOON files, the lateral forces are balanced throughout the length of the file. Canal navigation is effortless, regardless of the curvature of the canal, because TYPHOON files adapt perfectly to the canal path for precise and conservative removal of tooth structure.

### Aggressive and Safe

Cyclic fatigue and torsional stress are the two primary causes of file separation. The inherent memory of traditional NiTi files accentuates torsional forces and promotes cyclic fatigue. In the past, the more aggressive cutting ability of a NiTi file has always corresponded to a higher propensity for file separation due to stress points created along the file. Not any more!

A published university-based study directly compared TYPHOON files with a leading traditional NiTi file. TYPHOON files proved to be at least 600% more resistant to fatigue stress.<sup>1,2</sup> TYPHOON files do cut aggressively, but thanks to memory-free CM NiTi™ Technology, they still maintain their torsional strength, so the risk of separation is dramatically reduced. With TYPHOON, you will experience far superior cutting to what you are accustomed to, and you will gain significantly more confidence, especially in cases with curved canals.

### Better Access for Posterior Teeth

Here's one more significant clinical advantage: TYPHOON files can be pre-curved to allow easier canal access in posterior teeth. Bend the file just as you would a stainless steel file. You will be in for a pleasant surprise, because you certainly can't do this with traditional NiTi files!



Unlike traditional NiTi files, Typhoon files flex without rebounding

<sup>1</sup> Ya Shen, DDS, PhD, Wei Qian, DDS, PhD, Houman Abtin, BDS, Yuan Gao, DDS, PhD, and Markus Haapasalo, DDS, PhD Fatigue Testing of Controlled Memory Wire Nickel-Titanium Rotary Instruments. JOE - Volume 37, Number 7, July 2011  
<sup>2</sup> A.E. Abide\*, V. Himel, J. Hagan. Effects of Manufacturing Techniques on Cyclic Fatigue of Nickel-Titanium Rotary Endodontic Files. OR15 Abstract of Research Presented at the 2011 annual session of the American Association of Endodontists

# INSTIGATOR

## Typhoon Orifice Opener

Designed using revolutionary CM technology, and featuring a triangular cross section and a 12mm cutting flute, the INSTIGATOR 25/.08 Orifice Opener File beautifully and efficiently shapes and enlarges the coronal area of the root canal. INSTIGATOR files can be used in place of Gates Glidden drill and are available in a 21mm length.

.08 Instigator Orifice Opener  
25/.08 21mm

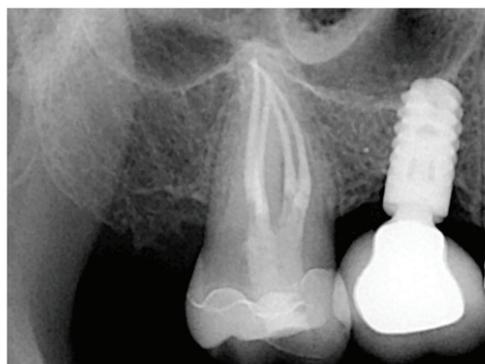


### Choosing Your File Size and Sequence

While several different instrumentation sequences are possible, the following is suggested for most canal shapes.



You will get the best results from cycling back through the sequence until the desired coronal and apical shape is achieved. The advantages of filing in this manner are far-reaching. First, alternating tapers will help you to avoid "taper lock", and you can shape the canal using only 3-4 instruments. Perhaps most important, this sequence achieves adequate apical shape without sacrificing undue middle and coronal tooth structure.



Finished case instrumented with Typhoon.

Dentistry and photography courtesy of Dr. Garrett Giers

.04 20/.04 21mm 20/.04 25mm 20/.04 31mm 25/.04 21mm 25/.04 25mm 25/.04 31mm 30/.04 21mm 30/.04 25mm 30/.04 31mm 35/.04 21mm 35/.04 25mm 35/.04 31mm 40/.04 21mm 40/.04 25mm 40/.04 31mm 45/.04 21mm 45/.04 25mm 45/.04 31mm 50/.04 21mm 50/.04 25mm 50/.04 31mm	.06 20/.06 21mm 20/.06 25mm 20/.06 31mm 25/.06 21mm 25/.06 25mm 25/.06 31mm 30/.06 21mm 30/.06 25mm 30/.06 31mm 35/.06 21mm 35/.06 25mm 35/.06 31mm  CROWN DOWN PACK 1 ea: 35/.06, 30/.04, 25/.06, 20/.04 21mm 25mm 31mm
--	--

Backed By Our TRY-IT Guarantee

# TRUEECAL™

## 35% Calcium Hydroxide Paste



TRUEECAL™ is an aqueous, 12.5pH, syringeable, radiopaque calcium hydroxide paste for use as an endodontic treatment dressing.

TRUEECAL is ideal for use as a superior antimicrobial agent for apexification procedures and as an intermediate inter-appointment canal treatment dressing.

TRUEECAL contains 35% calcium hydroxide which facilitates more than twice the calcium ion diffusion through the dentinal tubules when compared to conventional Ca(OH)<sup>2</sup> products. This, combined with a high pH, provides the optimal antimicrobial effect, potentially stimulating the faster healing of bone. Unlike many competitor products, TRUEECAL's paste formulation is aqueous which facilitates effective, easy and thorough removal of calcium hydroxide deposits from the root canal with Citric Acid. TRUEECAL is also radiopaque, to provide superior diagnostic capability.

TRUEECAL is syringe delivered via an EndoFlex tip enabling superior delivery control and precise placement into the root canal.

TRUEECAL 4-pack  
4-1.2mL syringes, 10 EndoFlex tips,  
instructions/SDS.  
EndoFlex Tips 20-pack Refill  
EndoFlex Tips 50-pack Refill

Backed By Our TRY-IT Guarantee

# FILE FOAM™

## Endodontic File Cleanser

Keeping endodontic files, particularly rotary instruments, clear of debris and bacteria is an essential but often overlooked part of successful cleaning and shaping of the root canal. Developed based on the "Parashos Validated Protocol",<sup>1</sup> which is a validated protocol for cleaning and re-using rotary NiTi files, FileFoam™ from CLINICIAN'S CHOICE® provides a triple-action solution; cleaning, scouring and disinfecting endodontic instruments like no other sponge on the market.

FileFoam uses a patented, triple-layer foam construction consisting of a thin, low density foam layer, an extended 4mm thick scour layer, and a 25mm thick high density foam layer. In a clinical setting, FileFoam is intended for single use. The foams can be autoclaved up to 137°C/2780°F if required, prior to use.

A multi-functional tool for your practice, FileFoam can also be used on standard hand files, providing superior cleaning action when compared to standard foam products. The sponges are available in economically priced packages of 49.

<sup>1</sup> P Parashos, P Linsuwanont, HJ Messer. A cleaning protocol for rotary nickel-titanium endodontic instruments. Australian Dental Journal 2004;49:1.



FileFoam (49-pack)  
Foam Stand (Black)

Backed By Our TRY-IT Guarantee



Designed with the clinician in mind, visit [www.clinicianschoice.com](http://www.clinicianschoice.com)

for informative product pages and step-by-step clinical techniques, videos, clinical articles, SDS information and more.

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ISO 13485  
OMSAI Global

Clinician's Choice®

is proud to be ISO 13485 Certified

ISO 13485 certification signifies that Clinician's Choice has developed and implemented an uncompromising quality system, encompassing every aspect of our business.