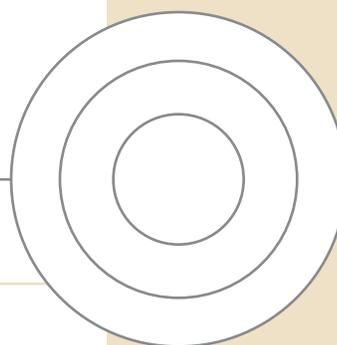


# CompCore AF Dual-Cure



# Restorative



<b>CompCore™ AF Dual-Cure</b>   Advanced Formula Composite Core Build-up Material	Page 144-145
<b>CompCore™</b>   Composite Core Build-up Material	145
<b>IntegraCem™</b>   Dual-cure Resin Cement	146
<b>IntegraBond™</b>   Universal Adhesive System	146
<b>NexTemp™</b>   The Next Generation in Temporary Cement	147
<b>Premier® Implant Cement™</b>   Secure Retention & Retrievability for Implant Retained Crowns	147
<b>IntegraPost®</b>   Integrating Core Retainer	148-149
<b>Premier® Etch</b>   37% Phosphoric Acid Dentin/Enamel Etch Gel	150
<b>Porcelain Etchant</b>   9.6% Hydrofluoric Acid Gel	150
<b>38% Etchant MicroDose®</b>   Fast Acting, Silica Free Dentin/Enamel Etchant	150
<b>Porcelain Silane</b>   Advanced Silane Chemistry	150
<b>Sycamore Wood Wedges</b>   The Original Anatomically Carved	151
<b>Cure-Thru®</b>   Reflective Curing Wedges, Bands & Matrices	152-153
<b>Cure-Shield</b>   Hand-held Visible Light Shield	152
<b>ACCOR®</b>   Multi-sized Matrices for Core Build-up	153
<b>Pre-contoured Metal Bands</b>	153
<b>Stop Strip</b>   Mylar Anterior Bands with Integrated Stopper	153

## CompCore™ AF Dual-Cure

Fluoride-Releasing, Automix Composite Core Build-up Material

### Advanced Formula, Dual-Cure CompCore™

Provides exceptional performance and the enhanced light-curing properties save considerable time. If light-curing is not an option – allow CompCore™ AF to self-cure in 4.5 minutes intraorally!

### Improved natural appearance

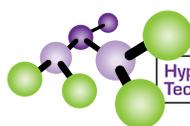
The greater translucency of the enhanced CompCore AF presents a more natural tooth appearance which minimizes the chance of shadows under ceramic crowns- yet provides good contrast and excellent radiopacity.

### Outstanding handling for ease of use

CompCore AF Stack will stay put – even in difficult maxillary core build-ups, yet flows under pressure for excellent adaptation. Preps like dentin without ditching.

### Superior durability for peace of mind

CompCore AF composite core build-up material utilizes exclusive Hyperbranched Technology™ and nano-fillers for superior mechanical properties and long term clinical success - available in automix SyringeMix™ and cartridge dispensers.



Hyperbranched Technology™



STACK



Intraoral Tips



Extra-fine Intraoral Tips



Twist

SyringeMix

Cartridge

*"Pearls For Your Practice"*

Dental Economics - April 2005

### SyringeMix STACK: Dual-Cure/Automix

3001512 Shade White

3001513 Shade A3

3001514 Shade Blue

Contains two 9g automix syringes, 15 mix-tips, 15 standard & 10 extra-fine intraoral tips

### Cartridge STACK: Dual-Cure/Automix

3001430 Intro Kit / Shade White

3001431 Intro Kit / Shade A3

Contains one 50g cartridge, type-25 gun, 10 ACCOR® matrices, 4ml each IntegraBond & Auto-cure Activator, 25 mix-tips, 25 intraoral tips

### Cartridge Refills

3001432 Shade White

3001433 Shade A3

Contains one 50g cartridge, 10 ACCOR® matrices, 25 mix-tips, 25 intraoral tips

### Twist STACK: Auto-Cure/Syringe Hand-Mix

3001490 Shade White

3001491 Shade A3

Contains one 6g catalyst & base, mixing pads, 20 spatulas

### Accessories

3001418 SyringeMix Mix-Tips & Intraoral Tips (35)

3001468 SyringeMix Extra-Fine Intraoral Tips (50)

3001416 Applicator Gun, Type-25

3001417 Cartridge Mix-Tips & Intraoral Tips (35)

9048081 ACCOR® Matrices, 50 multi-sized core matrix forms



See pages 151-153 for full listings of matrix bands and wedges, including ACCOR core matrix forms.

# CompCore™ AF

## Advanced Formula, Dual-Cure Composite Core Build-up Material



### Bonding Agent

(use only bonding agents compatible with dual-cure composites, such as IntegraBond™)

- 1 Clean and dry prepared tooth surface.
- 2 Apply 37% phosphoric acid to the cavo surface for 10 to 15 seconds.
- 3 Rinse and dry cavo surface, do not desiccate the tooth.
- 4 Apply first coat of IntegraBond™ on prepared cavo surface. Allow to sit for 15 seconds, and then air dry. Apply 2 to 3 more coats; without waiting, dry again after last application.
- 5 Light-cure for 20 seconds



### Core Build-Up

- 1 Bleed syringe. Assemble intraoral tip to mix-tip, attach to syringe and bleed tip.
- 2 Place intraoral tip into the base of the prepared tooth and dispense. Let material rise around the tip while withdrawing to eliminate air bubbles.
- 3 Light-cure for 30 seconds. If the core is larger than 8mm, light-cure for at least an additional 10 seconds.\*

Check for complete hardness. The preparation can be finished immediately.

Alternately, the core can be chemical-cured, final set-time is 4.5 minutes.

### Physical Properties

**Compressive Strength:** 250 MPa

### Light-cure Setting Times

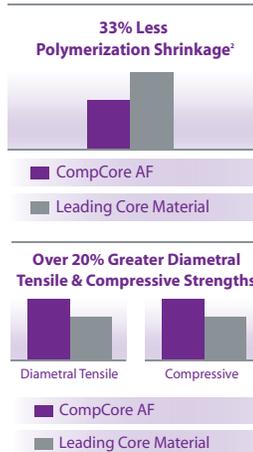
**Working Time:** 2.5 minutes at 72° (22°C)

* Final Set Time	Shades		
Depth of cure	A3	White	Blue
6mm	30 sec	30 sec	30 sec
8mm	30 sec	40 sec	60 sec

### Chemical-cure Setting Times

**Working Time:** 2.5 minutes at 72° (22°C)

**Final set:** 4.5 minutes at 98° (37°C)



### CompCore™

Smooth Flowing, Syringeable, Composite Core Build-up Material with Fluoride - Hand Mix



### Ideal Handling - Saves Time

Premier® CompCore™, available in white and natural shades, is easily syringed, permitting precise placement without slumping and self-cures in only 3 minutes to save chair-time.

CompCore is radiopaque and contains fluoride. Its unique composite formulation provides outstanding compressive and tensile strength, yet easily trims like dentin. Create a strong, unitary core, bonding CompCore to tooth structure with Bond Boost SE™ and IntegraBond™.

### Outstanding Value - Saves Money

Satisfaction Guaranteed!

3001402 Shade White (28g)

3001405 Shade Natural (28g)

3001401 Shade White (50g)

3001404 Shade Natural (50g)

ACCOR® is a registered trademark of ACCOR Inc. / 1 Evaluation of Hyperbranched Polymers Effect on Dental Composite Properties, Lizenboim, K., Dodiuk- Kenig, H., Eppelbaum, I, Shenkar College for Engineering and Design, Ramat-Gan, Israel. / 2 Independent laboratory study from Creighton University, data on file. Dent. Research (1153,2002)

CompCore™ AF (Advanced Formula) is CE marked. CompCore Tubs are not CE marked.

## Restorative

### IntegraCem™

Dual-cure Resin Cement



#### Easy Technique

IntegraCem's™ low viscosity and thin film thickness allows excess cement to vent evenly for precise marginal fit. After a 10-sec. light-cure (halogen), you easily will remove cement flashing from seated crowns, bridges, inlays and onlays.

#### Versatile

Illustrated cards guide you through all step-by-step techniques, including PFM crown repair, cementation of Maryland bridges, posts, ortho brackets and bands.

#### Ideal for "Bonded" Amalgam

IntegraCem has superior bond-strength to all surfaces, especially metal. Formulated to chemically bond to fresh amalgam, IntegraCem will eliminate sensitivity<sup>3,4</sup> and permanently seal all restorative margins.

#### Dual-Cure with Anaerobic Accelerator<sup>5</sup>

Posts can be stabilized immediately by light-curing; IntegraCem's anaerobic accelerator guarantees complete curing even at the bottom of the post preparation.

3001410 Base & Catalyst- 4g each



### IntegraBond™

Universal Adhesive System



### Over 10 years Proven Performance & Reliability<sup>6-17</sup>

#### Premier® IntegraBond™ is universal.

Unlike other brands, IntegraBond - fifth generation bonding agent - works with all composite materials and resin cements: light-cured, dual-cured and chemical-cured.

#### Use IntegraBond after acid-etching.

**IntegraBond is easy to use.** By priming and bonding in a single application, you save time while sealing dentin tubules to eliminate sensitivity and protect vital tooth surface.

**IntegraBond is economical.** Up to 50% less cost than other brands.

**IntegraBond is strong.** In every application, IntegraBond offers proven, reliable bond strength due to its nano-filler technology and unique formulation.

- 3001421 **IntegraBond Adhesive Kit**  
Contains: 4ml IntegraBond, 4ml Auto-Cure Activator, (2) 1.2ml Premier Etch Syringes, 50 Microbrushes, 20 Disposable Etch Tips, Mix Wells
- 3001411 **IntegraBond** - 7ml
- 3001412 **Auto-Cure Activator** - 7ml  
for use when light-curing is not possible
- 3001413 **IntegraBond** - 4ml



#### Bonding Agent

- 1 Clean and dry prepared tooth surface.
- 2 Apply 37% phosphoric acid to the cavo surface for 10 to 15 seconds.
- 3 Rinse and dry cavo surface, do not desiccate the tooth.
- 4 Apply first coat of IntegraBond™ on prepared cavo surface. Allow to sit for 15 seconds, and then air dry. Apply 2 to 3 more coats; without waiting, dry again after last application.
- 5 Light-cure for 20 seconds

#### When Light-Curing is not an option: Endodontic Post Cementation

In step 5, add equal drops of Auto-cure Activator with IntegraBond in a clean mixing well/dappen dish and combine for 2 seconds. Continue with step 5 using the IntegraBond/Activator mixture. Use a paper point to wet the deepest portions of the canal. Avoid pooling of the adhesive. Proceed to post cementation.

**Note:** The use of IntegraBond with Auto-cure Activator can accelerate the working time of the self- and dual-cure cements.

<sup>3</sup> Hadi Z, Rosenstiel SF, Rashid RG. A comparison of post-treatment sensitivity using adhesive cavity liner vs conventional cavity varnish (abstract 1335). J Dent Res 1998;77(special issue A):272 / <sup>4</sup> Davis RD, Overton JD. Efficacy of bonded and nonbonded amalgam in the treatment of teeth with incomplete fractures. JADA 2000;131:469-78. / <sup>5</sup> I. Eppelbaum, H Dodik, S Kenig, B. Zalsman, A. Valdman, and R. Pilo. "The Role of an Anaerobic Accelerator in Dental Adhesives" J. Adhesion Sci. Technol., Vol 10, No 10, pp 10075-1087 (1996) / <sup>6-17</sup> Full bibliography available.

## NexTemp™

The Next Generation in Temporary Cement

*"Pearls For Your Practice"*

Dental Economics - May 2006

*"Best Products of the Year"*\*



### Greater Retention, Less Cement!

Just dispense a small bead of cement around the inside margin.

#### Firm Retention/Easy Removal

4X greater retention than most zinc-oxide cements

**Eugenol-Free** - Non-irritating to soft tissue. Will not inhibit permanent cementation

#### Fluoride Release

**Potassium Nitrate** - Known to reduce sensitivity and act as a sedative to the pulp

**Chlorhexidine** - A proven anti-bacterial agent

#### Resin-Matrix Formulation

Good marginal seal with no wash-out

#### Two-Stage Curing

- In approximately 2 minutes, initial gel-set stabilizes temporary, allowing easy removal of excess. Final set occurs one minute later.

**Automix Syringe** - Saves application time; guarantees consistent mix

**Neutral Shade** - Blends esthetically with temporary restoration / no show-through

3001470 **Bulk** - 4 Automix Syringes (5ml each)

3001471 **Standard** - 1 Automix Syringe (5ml) & 10 Mix Tips

3001451 **Automix Dual-barrel Syringe Tips** (25)



## Premier® Implant Cement™

Secure Retention & Retrieval for Implant Retained Crowns

*"Outstanding Products"*\*\*



**Secure retention and retrievability in one unique cement!**

#### High retention- Long-term cementation

**Retrievability** - Off when you need it

**Radiopaque** - Improves detection of excess cement

**Low solubility** - Good marginal seal/ no washout

**Virtually no taste or odor** - Increased patient comfort

**Easy handling** - Two-stage cure features initial gel-phase in 2-2.5 minutes for easy removal of excess cement. Rigid final set ensures marginal seal and firm retention.

**Saves time** - Automatic, consistent mix and controlled dispensing

**Easy clean-up**

3001450 **Implant Cement Standard Pack**  
1-5ml Automix Syringe, 10 Mixing Tips and 1 Mixing Pad

3001455 **Implant Cement Value Pack**  
3-5ml Automix Syringes, 25 Mixing Tips

3001451 **Automix Syringe Tips** (25)

#### Properties

Working Time 1.5 minutes at room temperature  
Gel-phase 2-2.5 minutes at 98°F (37°C)  
Set Time 4-5 minutes at 98°F (37°C)  
Film Thickness 15 µm



\*An independent non-profit dental education and product testing foundation, December 2006 & 2007

\*\*An independent non-profit dental education and product testing foundation, December 2004 & 2005

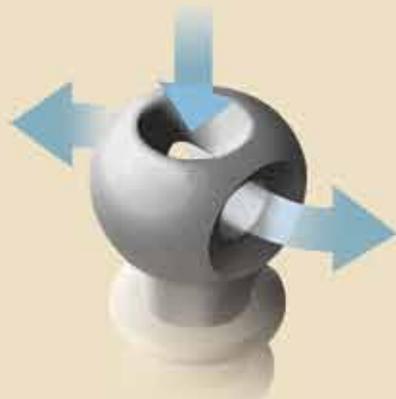
Restorative



*IntegraPost™ is easy to carry and place using the IntegraPost carrier.*



*CompCore™ is syringed through the patented Flow-Thru-Head® providing a void-less stress-free mechanical interlocking of post and core.*



*IntegraPost's rounded head eliminates stress points and the Flow-Thru-Head eliminates voids, ensuring complete post and core integration.*

**IntegraPost®**

Ultra-passive Integrating Core Retainer



**Safe and Secure**

The IntegraPost features an innovative round Flow-Thru-Head® and a parallel passive design to optimize the adhesive buffer zone, conserve tooth structure and minimize stress.<sup>18,19,20</sup>

**Balances Strength with Elasticity**

Made from bio-compatible titanium alloy, the IntegraPost is stronger than resin fiber yet more elastic than stainless steel.<sup>21</sup>

**Easy to Use**

Six post sizes and corresponding drills make post selection a simple process. IntegraPost heads are optimally sized in relation to shank length. The unique post-carrier instrument facilitates handling. Passive design minimizes stress points on root, reducing potential for root fracture. IntegraDrill is ideally sized in relation to post diameter, permitting 2.5X more cement into post space. This creates a "buffer zone" to absorb potentially stressful forces and the greater cement volume increases resistance to vertical dislodgement.<sup>22</sup>

**Innovative Design**

Midflange and shoulder are designed to dissipate stress away from canal. The safe, non-threaded parallel shank minimizes potential root fracture. Anti-rotational knurling locks into cement.

*In a 2006 ADA Professional Product Review on Endodontic Posts, which included metal, fiber and a ceramic post, **IntegraPost** received the **highest laboratory rating of 92%** with a buyer's satisfaction of **excellent!**<sup>23</sup>*



18-22. Full bibliography available.

23. American Dental Association Professional Product Review™ Publication by the ADA Council on Scientific Affairs, Vol. 1, Spring 2006. / IntegraPost designed by Endodontist, Dr. Phil Klein.

**IntegraPost®**

Mini Intro Kit



- 3001001 Mini Intro Kit  
 Contains: 6 posts  
 (2) each #3, #4, #4.5,  
 (3) drills - (1) each #3, #4, #4.5,  
 IP Carrier

CE  
0470

**IntegraPost®**

Refills



- Refills - (10 pack)
- |         |          |
|---------|----------|
| 3001105 | Size 3   |
| 3001110 | Size 4   |
| 3001115 | Size 4.5 |
| 3001125 | Size 5   |
| 3001130 | Size 6   |
- IntegraDrills (3 pack)
- |         |                   |
|---------|-------------------|
| 3001205 | Size 3 (yellow)   |
| 3001210 | Size 4 (red)      |
| 3001215 | Size 4.5 (purple) |
| 3001225 | Size 5 (blue)     |
| 3001230 | Size 6 (green)    |
- IntegraDrills (5 pack)
- |         |          |
|---------|----------|
| 3001235 | Assorted |
|---------|----------|
- Integra Instruments
- |         |            |
|---------|------------|
| 3001301 | IP Carrier |
| 3001305 | IP Probe   |

CE  
0470

**Cure-Thru® IntegraPost®**

Light-Transmitting Zirconia  
Glass Fiber Post

A simple technique for post and core utilizing Zirconia glass fibers for the right balance of strength and elasticity



- 3001600 Intro Kit  
 Contains: 20 posts, (5) each #4, #4.5, #5, #6 and (4) corresponding drills
- 
- 3001601 Mini Intro Kit  
 Contains: 10 posts, (5) each #4, #5 and (2) corresponding drills
- 
- Refills (10 pack)
- |         |                   |
|---------|-------------------|
| 3001610 | Size 4 (red)      |
| 3001611 | Size 4.5 (purple) |
| 3001612 | Size 5 (blue)     |
| 3001613 | Size 6 (green)    |

CE  
0470



**Endodontic Plier** • 9065086

For additional pliers, see pages 8-9.

CE



**Locking (Grooved) 6" (15.0 cm)** • 9065088

CE

# Restorative

## Premier® Etch

37% Phosphoric Acid  
Dentin/Enamel Etch Gel



Premier® Etch contains phosphoric acid for etching tooth enamel and dentin when preparing surfaces for the application of composites.

3001422 37% Dentin/Enamel Etch Kit  
Contains: one 12g jumbo syringe, with luer lock adapter, ten empty 1.2ml syringes and (50) disposable applicator tips for the ten 1.2ml syringes

CE  
0470

## Porcelain Etchant

9.6% Hydrofluoric Acid Gel



Yields superior retention. Each 0.2cc finger applicator unit is sufficient for etching two to four porcelain facings.

4009001 Porcelain Etchant - (22 units)

*MicroDose®  
"Outstanding Products"\**

## 38% Etchant - MicroDose®

Fast Acting, Silica-Free  
Dentin/Enamel Etchant



15-20 second etch time. Each 0.2cc unit is sufficient for etching two to four teeth. Bright blue in color.

4009051 Refill (50) 0.2cc  
MicroDose pipettes

4009099 MicroDose Syringe Pack  
(3) autoclavable syringes

## Porcelain Silane

Advanced Silane Chemistry



Each 0.2cc finger applicator unit is sufficient for etching two to four facings, crowns or inlays. A clear liquid.

4009020 Porcelain Silane - (18 units)

## Porcelain Bonding Kit



4009025 Porcelain Bonding Kit - 18 packs  
Contains: one unit each of  
Porcelain Etchant and  
Porcelain Silane

\*An independent non-profit dental education and product testing foundation, December 2002  
\*\*An independent non-profit dental education and product testing foundation, January 2001

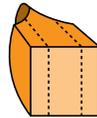
## Restorative

### Sycamore Wood Wedges

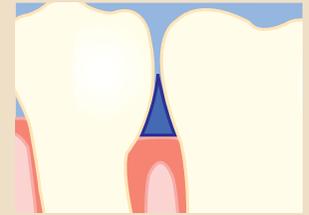
The Original Anatomically Carved

- Fits interproximally to support restoration and provide proper contact
- Slightly compressible, yet will not splinter, even in thin sections.
- Teeth can be separated easily to compensate for the thickness of the matrix band.
- After wedge is removed, teeth return to their original position. A perfect contact point is restored.

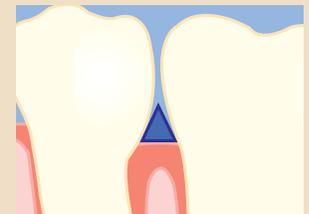
*"Most Highly Rated"\*\*\**



Ultra-thin is half the width of regular wedges, yet high through the embrasure.



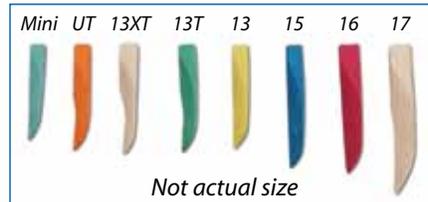
Premier's anatomically shaped wedges fit interproximally to support your restoration and provide proper contour.



Other wedges fail to match the natural anatomy between teeth.

Eight color-coded sizes (400 count)

9061109	Mini (Light Blue)
9061106	UT - Ultra Thin (Orange)
9061100	13XT - Extra Thin (Neutral)
9061101	13T (Green)
9061102	13 (Yellow)
9061103	15 (Blue)
9061104	16 (Red)
9061105	17 (Neutral)
9061108	Assorted (UT, 13, 13T & 15)



Number designates length of wedge in mm. (13=13mm)

### technique tip

Presoaking Wedges in water or Hemodent® just prior to use causes them to swell while in place, creating greater wedge efficiency.

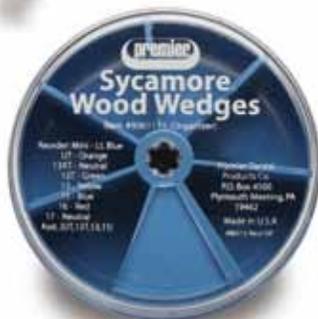


### Wood Wedge Organizer

9061115 Six-compartment Wedge Organizer

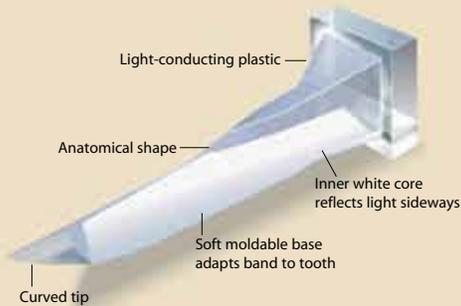
### Multi-purpose Wedge Positioner

9065146 Multi-purpose Wedge Positioner



Restorative

**Cure-Thru®  
Reflective Curing Wedges**



- Clear, anatomically-shaped wedge with a unique, soft underside provides superior adaptability to tooth structure
- The clear, acrylic body and the white core reflect up to 90% of the curing light towards the restoration, resulting in a better contact
- Ensures superior adaptation on proximal root surfaces. Helps to prevent crevicular fluid from contaminating the restoration.

9061216 Intro. System  
Contains: (40) Ultra-Thin, (30) Small and (30) Medium Wedges, (30) each Blue Cure-Thru Premolar and Molar Matrix Bands

9061221 100 Small

9061223 100 Medium

9061225 100 Ultra-Thin

**Cure-Thru®  
Clear Cervical Matrices**

Compress restorative material as you light-cure. Flexible to the exact contour of the tooth for dense restorations with excellent marginal integrity.

9061011 Assorted box of 275  
Contains: (50) Anterior/Premolar and Molar/Universal, (35) all other shapes, positioning instrument, gingival retraction instrument

Available in boxes of 150

9061012 719CT

9061013 720CT

9061014 721CT

9061015 722CT

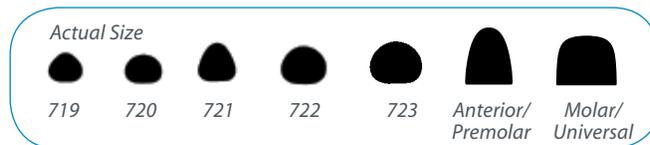
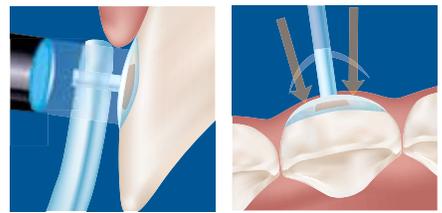
9061016 723CT

9061017 Anterior/Premolar

9061018 Molar/Universal

9061340 Positioning Instrument double-ended, autoclavable

*"Pearls For Your Practice"*  
Dental Economics - March 2000



**Cure-Shield**

Hand-held Visible Light Shield

Premier Cure-Shield effectively blocks out potentially harmful ultra-violet and blue light at wave-lengths shorter than 525 nanometers which, after prolonged exposure, may cause photochemical burn of the retina.

- Protects the entire staff
- Can be held by the assistant, the patient or the free hand of the operator
- Is not cumbersome or expensive like eye glasses
- Does not restrict your visibility

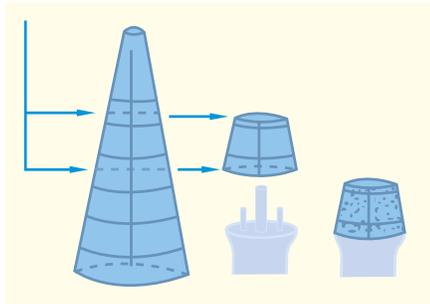


9006166 Pack of three

Pat.Nos.Des.294,639; 4,640,685; 4,737,104



**ACCOR®**  
Multi-sized Matrices  
for Core Build-up



**Easy to use**

One cut across the Premier ACCOR® Matrix produces basic gingival contour. No lubrication required, nearly impossible to overseat.

**Versatile**

Can be used on anterior and posterior teeth, with glass ionomers, composite, pattern acrylic or softened wax.

**Disposable**

Eliminates cross-contamination possible with trial-and-error fitting of individually sized forms.

9048081 50 Matrices

ACCOR® is a registered trademark of ACCOR Inc.



**Stop Strip**

Mylar Anterior Bands  
with Integrated Stopper

Turns a three-handed procedure into a two-handed one. Light-cure Class III and IV restorations with ease.



Unique integrated stopper secures the matrix band between adjacent teeth.



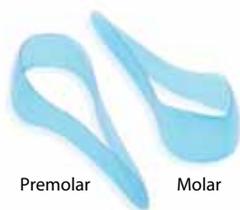
Pull the band taut; you have improved access for light-curing.

- 9061370 Assorted, 8mm & 10mm (75 each)
- 9061375 Straight, 10mm (100) (blue)
- 9061380 Straight, 8mm (100) (red)

*"Pearls For Your Practice"*  
Dental Economics, April 2001

**Blue Cure-Thru® Matrix Bands**

Transparent Contoured Matrices  
0.075mm



- Blue color increases the contrast between the matrix and tooth without compromising polymerization of the composite
- Thin, yet strong enough to pack against
- Simplifies posterior composite placement

9061231 Premolar Bands (100)

9061233 Molar Bands (100)

**Pre-contoured Metal Bands**



- Anatomical shape achieves better contact points
- Ideal for large Class II restorations with incremental curing technique
- Finished edges ensure patient comfort
- 0.035mm thickness

9061070 30 Pre-contoured Metal Bands