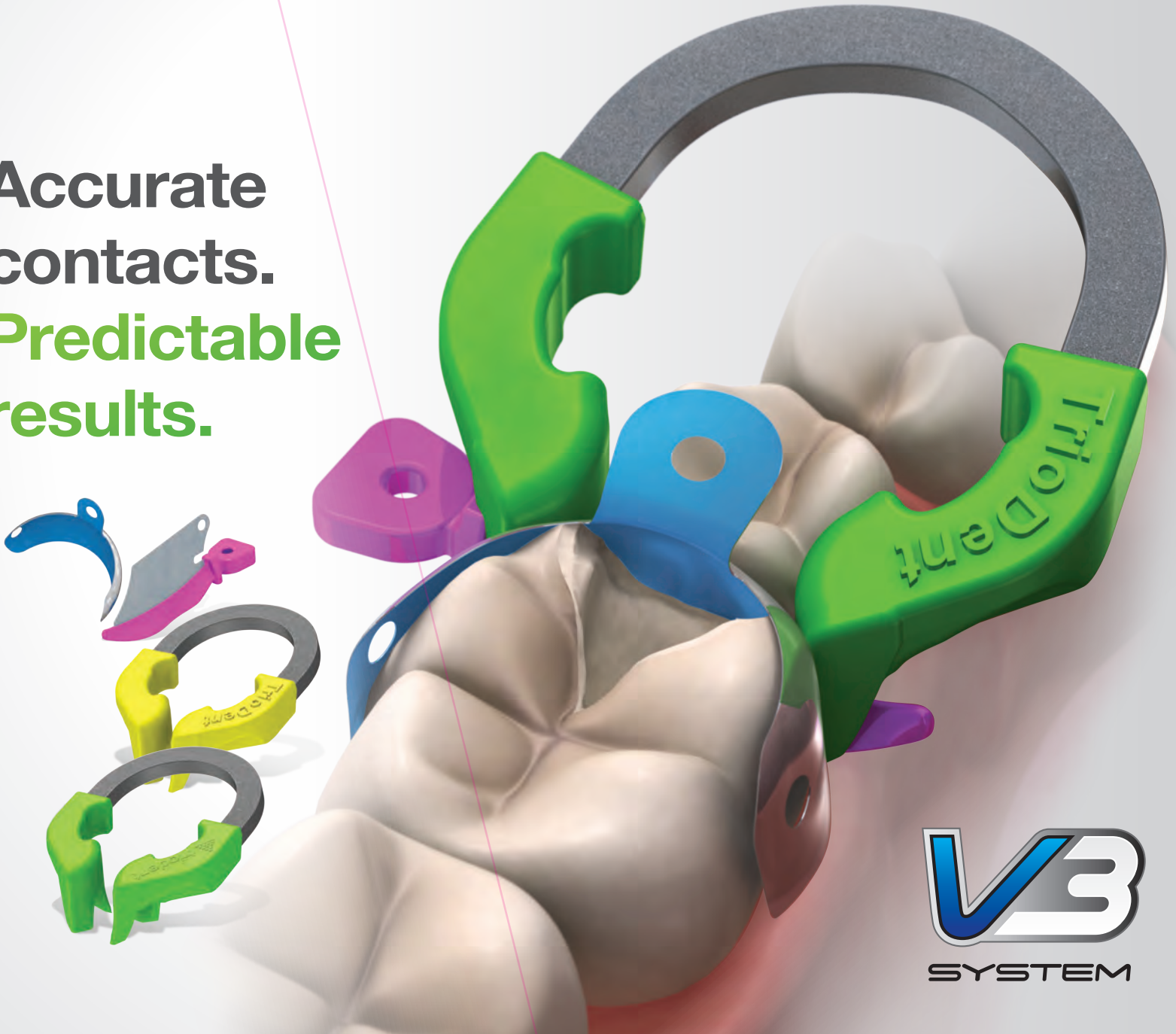




 triodent[®]
V3 Sectional Matrix System™

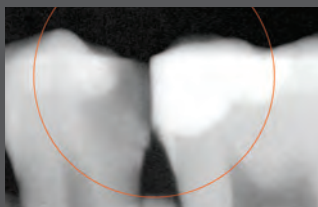
Accurate
contacts.
Predictable
results.



V3
SYSTEM

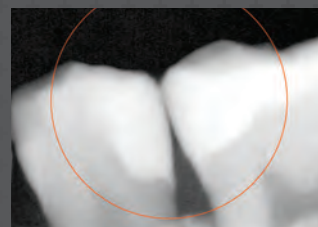
Why choose a Sectional Matrix System?

Circumferential Band (Tofflemire) Restoration



- Large food trap below
- Fails to restore proximal anatomy
- Thin contact at the marginal ridge
- Increased likelihood of fracture, occlusal interference, recurrent caries, and periodontal disease

Sectional Matrix Restoration



- User-friendly system
- Natural contours
- Tight, anatomically correct contact points at the correct height of the contour

Triodent™ V3 Sectional Matrix System™

High-Quality Class II Restorations

The Triodent system is an integrated and innovative sectional matrix system with nickel-titanium rings, anatomically shaped matrix bands, and adaptive, self-guiding wedges that combine to provide predictable tight contacts and restorations that accurately replicate natural tooth anatomy. The system is designed to deliver great results even with wide cavities and missing cusps, and allows for minimal finishing of the restoration.

+ Rings



+ Matrix Bands



+ Wedges



+ Instruments

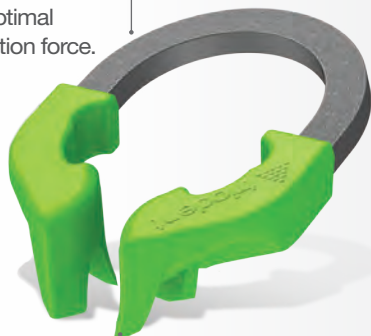


V3 Rings

Triodent V3 Rings are constructed from nickel titanium with glass fiber-reinforced plastic tines to provide the optimal separation force on the teeth and produce consistently tight contacts. They are designed for a wide range of cases, including where teeth are misaligned or little tooth structure remains. They are available in both Universal (green) and Narrow (yellow) sizes to ensure high-quality, anatomically accurate restorations every time.

+ Nickel Titanium

Super-elastic NiTi gives optimal strength and tooth separation force.

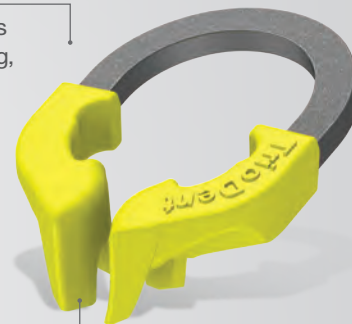


+ V-shaped Tines

The tines straddle the wedge to ensure there is no competition with the wedge in the embrasure.

+ Easy to Clean

New easy-clean feature prevents adhesive from sticking to the ring, even after light curing.



+ Glass Fiber-Reinforced Plastic Tines

Matches the buccal and lingual surfaces of the posterior teeth. The broad design prevents the ring from collapsing into wide cavities and allows for the restoration of a tooth with a missing cusp.

Instruments

Triodent instruments are specifically designed to work with the components of the Triodent Sectional Matrix System for accurate and easy placement and removal throughout the restoration. They have been designed to speed up the workflow between the clinician and the assistant as the components can be pre-loaded before use.

+ Pin-Tweezers

Passively holds wedge and matrices in place and has a gold tip for pin location.



+ Forceps

The locking function and angled grip arms hold the V3 ring securely for placement, both mesially and distally.



Matrix Bands

Triodent matrix bands are anatomically shaped and feature tab holes to allow for easy insertion and removal with the Pin-Tweezers. The bands are designed to support a wide range of clinical cases and have a subgingival apron in the larger sizes for deeper preparations. The pronounced marginal ridge on the occlusal margin of the SuperCurve and V3 Tab-Matrices provides greater anatomy to produce completely natural-looking Class II composite restorations that require minimal finishing, reducing time and stress for the clinician and improving overall patient satisfaction.

+ SuperCurve Matrices

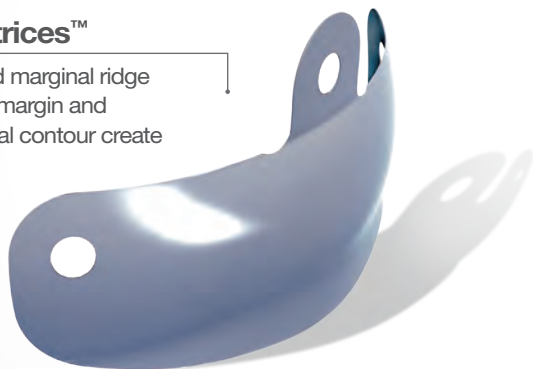
Creates beautiful marginal ridges with minimal finishing due to the rolled ridge on the occlusal margin.

Extra curvature gives greater stability during placement, while the non-stick color coding ensures easy removal and identification.



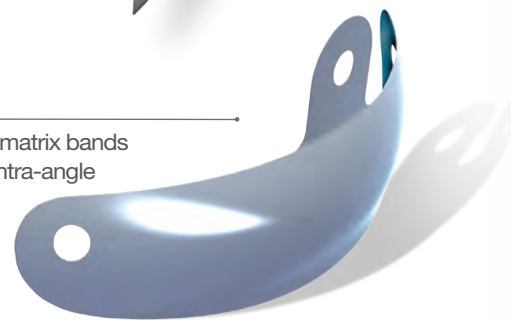
+ V3 Tab-Matrices™

The pronounced marginal ridge on the occlusal margin and S-shaped vertical contour create ideal anatomy.



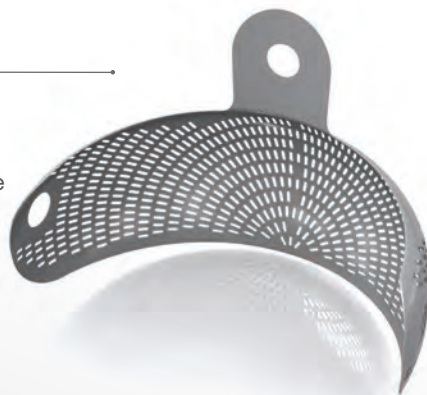
+ Tab-Matrices

The tab on all Triodent matrix bands can be bent 90° for contra-angle placement.



+ ClearMetal™ Matrices

Hundreds of resin-laminated cure-through micro-windows allow curing of the restoration laterally, interproximally, and occlusally, while the transparent non-stick coating allows for easy removal.



Wedges

The highly anatomical shape of Triodent wedges provides an excellent contour and seal at the gingival margin. Ease of placement and removal are assisted by the Pin-Tweezers, which can grip the hole at the end of the wedge to minimize the risk of dropping it. The V-shaped concavity in the wedge protects the papilla and allows stacking in situations where tightening the matrix may be required.

The WedgeGuard protects the adjacent teeth and gingival tissue while saving the clinician time during interproximal preparation. The protective guard detaches after the preparation is complete, leaving the wedge in place and ready to receive the matrix band to complete the restoration.

+ Wave-Wedges™

Anatomical wave-shaped wings compress on entry and flare upon exit for easy placement and an excellent seal at the gingival margin. The innovative design allows for adaptation to the interproximal space and can be easily stacked.



+ Adaptive Wedges™

Transparent cure-through material with a sectioned design compresses and expands independently, allowing for more interproximal anatomical variations.



+ V-Wedges

Rigid enough to provide tooth separation, with great sealing capability at the gingival margin. The self-guiding and stackable features make it easy to place and adapt to the contours of the interproximal space.

+ WedgeGuards

The removable metal guard protects the adjacent tooth and gingival tissues during interproximal preparation. When the guard is removed, the wedge stays in place.



V3 Clinical Cases

DO — Case by: Dr. Clarence Tam

FEATURING: V3 Ring Narrow (yellow), SuperCurve Non-Stick Matrix



1. Cavity prep



2. Ring and matrix placed



3. Building up the composite



4. Completed restoration

Wide Box — Case by: Dr. Jason Smithson

FEATURING: V3 Ring Universal (green), Tab-Matrix 5.5 mm, Wave-Wedge



1. Pre-wedge



2. Ring and matrix placed



3. Completed restoration

V3 Clinical Cases

MOD — Case by: Dr. Graeme Millich

FEATURING: V3 Ring Universal (green), V3 Ring Narrow (yellow), V3 Tab-Matrix 5.5 mm, Wave-Wedge



1. Rings and matrices placed



2. Cavity filled



3. Prior to finishing



4. Completed restoration

Quadrant — Case by: Dr. Jason Smithson

FEATURING: V3 Ring Universal (green), V3 Ring Narrow (yellow), V3 Tab-Matrix 5.5 mm, Wave-Wedge



1. Pre-op



2. Cavity prep



3. Rings and matrices placed



4. Completed restoration

V3 Clinical Cases

MODO — Case by: Dr. Simon McDonald

FEATURING: V3 Ring Narrow (yellow), V3 Tab-Matrix 5.5 mm, Wave-Wedge



1. Cavity prep



2. Ring and matrices placed



3. Cavities filled



4. Completed restoration

MO with missing cusp — Case by: Dr. Graeme Milicich

FEATURING: V3 Ring Universal (green), V3 Tab-Matrix 6.5 mm, Wave-Wedge



1. Ring and matrix placed



2. Completed restoration

Triodont V3 Kits

403316 - V3 SuperCurve Kit

- 1 x Universal V3 Ring (green)
- 1 x Narrow V3 Ring (yellow)
- 100 x SuperCurve Matrices
- 75 x Wave-Wedges
- 2 x Pin-Tweezers
- 1 x Forceps



403301 - V3 Matrix Kit

- 1 x Universal V3 Ring (green)
- 1 x Narrow V3 Ring (yellow)
- 125 x V3 Tab-Matrices
- 75 x Wave-Wedges
- 2 x Pin-Tweezers
- 1 x Forceps



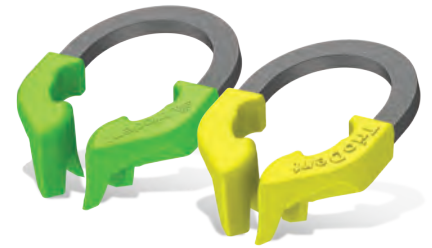
V3 Rings

403341 - V3 Ring Mixed 2PK

- 1 x Universal V3 Ring (green)
- 1 x Narrow V3 Ring (yellow)

403343 - V3 Ring Narrow (Yellow) 2PK

403342 - V3 Ring Universal (Green) 2PK



Forceps

- Locking function and angled grip arms hold the ring securely for placement both mesially and distally
- Built-in grooves are convenient for resetting rings

402061 - Forceps 1pk



Pin-Tweezers

Pin-Tweezers facilitate confident placement and removal of Triodont matrices and wedges. The pin in the tip positively grips the holes in matrices and wedges for control.

- Tweezers passively hold wedges and matrices
- Design makes placement, adjustment, and removal easy
- Gold tip indicates pin location
- Ball tip can be used for burnishing
- Cross-over action creates powerful grip
- Positive grip provides secure hold

402075 - Pin-Tweezers (Cross-Over Action) 1pk



Wave-Wedges™

Wave-shaped wings compress on entry and flare again upon exit for easy placement and a true fit and seal. The hollow underside allows another wedge to be placed securely from the opposite side. Wedges are designed to minimize impingement of soft tissue.

402066 - Wave-Wedge Small (White) 100pk

402065 - Wave-Wedge Medium (Pink) 100pk

402064 - Wave-Wedge Large (Purple) 100pk



WedgeGuard

It takes concentration to cut an interproximal cavity, and that can slow you down. But with WedgeGuard, there's no need to slow down, even when breaking the contact.

WedgeGuard prevents bur damage to the adjacent tooth. After cavity preparation, the metal guard is detached, leaving the wedge confidently in place and protecting gingival papillae, which minimizes bleeding typically associated with removal of the wedge in other systems.

- Facilitates cutting of cavity preps faster and easier by protecting the adjacent tooth from bur damage
- WedgeGuard turns into a wedge with one simple step
- Wedge remains in place to protect gingival papillae

403386 - WedgeGuard Intro Pack

25 x WedgeGuards White (small)
25 x WedgeGuards Pink (medium)
25 x WedgeGuards Purple (large)



403383 - WedgeGuard Small (White) 50pk

403384 - WedgeGuard Medium (Pink) 50pk

403385 - WedgeGuard Large (Purple) 50pk



V-Wedges

V-Wedges are rigid enough to provide tooth separation. The wedges are self-guided and stackable, which make them easy to place. The wedges also adapt to the contours of the interproximal space.

402056 - V-Wedge Dark Yellow (Small/Soft) 100pk

402059 - V-Wedge Light Yellow (Small/Hard) 100pk

402055 - V-Wedge Dark Green (Medium/Soft) 100pk

402058 - V-Wedge Light Green (Medium/Hard) 100pk

402054 - V-Wedge Dark Blue (Large/Soft) 100pk

402057 - V-Wedge Light Blue (Large/Hard) 100pk



AdaptiVe Wedge™

The AdaptiVe Wedge has all of the features of the Wave-Wedge™ with the added benefit of transparency, making it possible for you to initiate curing through the wedge.

- Transparent material allows light to pass through
- Wedge is suitable for all Class II cases, whether or not the cure-through option is used
- Notches enhance flexibility for precise matrix adaptation and retention

403324 - AdaptiVe Wedge small (Clear) 100pk

403325 - AdaptiVe Wedge Medium (Pink) 100pk

403326 - AdaptiVe Wedge Large (Purple) 100pk

403327 - AdaptiVe Wedge Extra-Large (Gray) 100pk



SuperCurve Matrices

Greater matrix curvature helps to improve the anatomical accuracy of the restoration and avoid interference with the ring during placement. SuperCurve matrices are color coded, making it easy to differentiate between the sizes, and the non-stick coating makes removing the matrix easier.

- Matrix hugs the tooth and prevents any interference with ring placement
- Matrix shape features anatomical accuracy and curvature
- Ultra-thin non-stick finish minimizes adhesion to the bonding agent or composite to the matrix band
- Gingival apron provides matrix coverage for deeper preparations

403402 - Supercurve Non-Stick Matrix Intro Pack

10 x SuperCurve Matrices 3.5 mm
25 x SuperCurve Matrices 4.5 mm
25 x SuperCurve Matrices 5.5 mm
25 x SuperCurve Matrices 6.5 mm



403403 - SuperCurve Non-Stick Matrix 3.5 mm **90pk**

403417 - SuperCurve Non-Stick Matrix 3.5 mm **50pk**

403404 - SuperCurve Non-Stick Matrix 4.5 mm **90pk**

403418 - SuperCurve Non-Stick Matrix 4.5 mm **50pk**

403405 - SuperCurve Non-Stick Matrix 5.5 mm **90pk**

403419 - SuperCurve Non-Stick Matrix 5.5 mm **50pk**

403406 - SuperCurve Non-Stick Matrix 6.5 mm **90pk**

403420 - SuperCurve Non-Stick Matrix 6.5 mm **50pk**

403412 - SuperCurve Non-Stick Matrix 7.5 mm **50pk**



V3 Tab-Matrices™

The V3 Tab-Matrix™ has a pronounced ridge on the occlusal margin designed to produce natural-looking Class II composite restorations.

- Matrix bands feature significantly greater horizontal curvature ensuring that more curvature remains as the matrix wraps around the tooth
- Pronounced marginal ridge produces accurate anatomy
- Matrix bands are shaped for commonly encountered cavities and produce excellent seals at the gingival margin
- Super thin matrices
- Placement tab and removal holes are designed for easy gripping with Pin-Tweezers

403387 - V3 Tab-Matrix 3.5 mm **100pk**

403388 - V3 Tab-Matrix 3.5 mm **50pk**

403375 - V3 Tab-Matrix 4.5 mm **100pk**

403372 - V3 Tab-Matrix 4.5 mm **50pk**

403376 - V3 Tab-Matrix 5.5 mm **100pk**

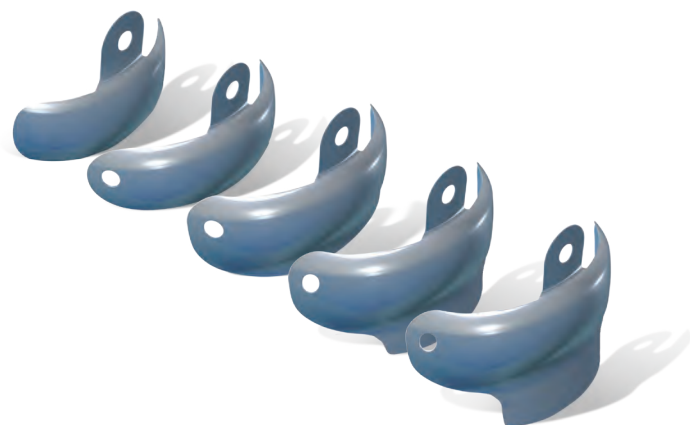
403373 - V3 Tab-Matrix 5.5 mm **50pk**

403377 - V3 Tab-Matrix 6.5 mm **100pk**

403374 - V3 Tab-Matrix 6.5 mm **50pk**

403397 - V3 Tab-Matrix 7.5 mm **100pk**

403398 - V3 Tab-Matrix 7.5 mm **50pk**



Tab-Matrices

- Placement tab and removal holes allow for easy placement and removal
- As with all Triodent matrix bands, tab can be bent 90° for contra-angle placement
- Matrix bands are super thin
- Gingival apron provides matrix coverage for deep preparations

402072 - Tab-Matrix 4.5 mm 100pk

402073 - Tab-Matrix 5.5 mm 100pk

402074 - Tab-Matrix 6.5 mm 100pk



ClearMetal™ Matrix

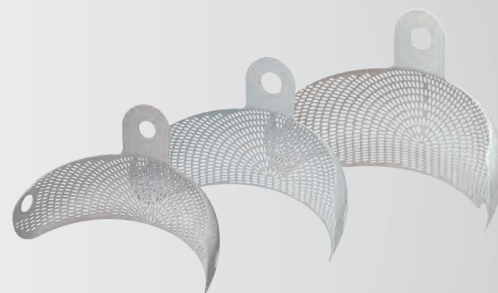
The ClearMetal matrix is a transparent matrix band that has the advantages of metal malleability. It is designed to create accurate contours, and its hundreds of micro-windows allow you to initiate curing through the matrix.

- Resin-laminated micro-windows allow light to pass through the matrix
- Matrix can be used with the V3 Ring™ and the Adaptive Wedge™ for a “clear” advantage
- Anatomical design produces precise contours, saving finishing time
- Greater matrix curvature hugs tooth for stability during placement
- Matrix wings won't get in the way during ring placement
- Non-stick finish makes matrix removal easy

403328 - ClearMetal Matrix 4.5 mm 50pk

403329 - ClearMetal Matrix 5.5 mm 50pk

403330 - ClearMetal Matrix 6.5 mm 50pk



For more information
about the V3 System and
other great Triodent products,
visit ultradent.com

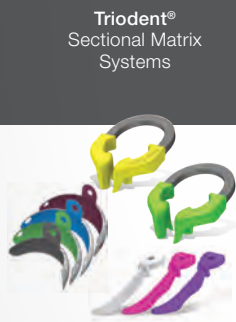




V3 SECTIONAL
MATRIX SYSTEM

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Combine these Ultradent products with the Triodent sectional matrix system to provide quick, beautiful, and minimally invasive esthetic options to your patients.



Triodent®
Sectional Matrix
Systems

Ultra-Etch™
Etchant



Mosaic™
Universal Composite



Peak™
Universal Bond
Adhesive



Vit-I-escence™
Restorative Material



VALO™
Curing Lights



Jiffy™
Finishing Systems

Sectional Matrices

Etch & Bond

Composite

Curing

Finishing



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