# Garrison. Dental Solutions

# Putting ideas into practice



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anterior matrix systems	Fusion™
cervical matrix systems	Blue View <sup>™</sup> Cervical Matrices
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wood	SoftWedge™
pre-wedge & shield	FenderWedge"17

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#### Only a sectional matrix can deliver results like this!

#### Tofflemire-style System

- Fails to restore proximal anatomy
- $\bigotimes$  Thin contact at the marginal ridge



- 🛇 Large food trap below
- Increased likelihood of fracture, occlusal interference, recurrent caries and periodontal disease



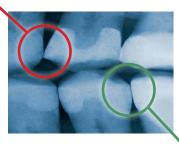
#### Place the matrix band:

Only Composi-Tight<sup>®</sup> 3D Fusion<sup>™</sup>

can make the technique this

intuitive and frustration free!

Dead-soft three dimensionally contoured matrices have placement tabs for easier occlusal placement and Garrison's revolutionary non-stick coating for hassle-free removal.





#### Composi-Tight® 3D Fusion™ Sectional Matrix System

- Operator-friendly retaining system Naturally contoured bands
- Anatomically correct contacts
- Contacts at the height of contour
- Rings produce optimal tooth separation for excellent, tight contacts



#### Wedge firmly:

Composi-Tight<sup>®</sup> 3D Fusion<sup>™</sup> Ultra-Adaptive wedges glide in but won't back out. Their soft, flexible exterior readily adapts to interproximal irregularities for a superior gingival seal.

#### Place the ring:

All three Composi-Tight® 3D Fusion™ separator rings will fit right over the wedge for easier placement. With Ultra-Grip™ retention extensions, they will stay firmly in place from the distal of the canine to the widest of molar preparations.

#### Composi-Tight<sup>®</sup> 3D Fusion<sup>™</sup> Cases

Great adaptation to the teeth eliminates the need for adjustment with polishers in the proximal areas.







Images courtesy of Dr. Clarence Tam, Auckland, NZ

Wide preps can be handled in one simple step when you have the right (FX600 green) ring.





Images courtesy of Dr. Nikhil Sethi, BDS (Lon) Msc (Lon), Birmingham, UK



Back-to-back requires a shift in technique-we can show you how.\*

Quadrants can be

a challenge. Ease

with tips and tricks

your concerns

from the pros.







Images courtesy of Dr. Jeffrey Kelley, DDS, Zeeland, MI



Images courtesy of Dr. Mike Malone, DDS, Lafayette, LA

\*To see full writeups, cases and reviews go to www.garrisondental.com/learning Do you have a case you want to share? Email it to us at contact@garrisondental.com.

#### **The Award Winning** Composi-Tight. 3D Fusion. Sectional Matrix System



#### TESTIMONIAL

"3D rings are the real topic of Garrison's systems. The "v" shape of the ring that fits in the interproximal area allows a good fitting between the cavity margins and the matrix in the buccal and palatal walls. This results in an easier positioning of the composite masses close to the cavity margins and also the final remodeling usually necessary at the time of removal of the matrix will be very minimal. The rings also permit a divergence of the interproximal dental elements, and this causes a great point of contact. Garrison systems make Class II restorations simpler and more predictable and also reduce the operating time of the finishes when the matrix is taken off." Enrico Cogo, DDS Legnago, Ferrara, and Goito, Italy

# Composi-Tight. 3D Fusion... :

More than 20 years of sectional matrix leadership and an incredible amount of feedback from users all over the globe were poured into the design. All this hard work has resulted in separator rings with significantly improved performance and ease of use.

rrison

Tight contacts - guaranteed! Superior tooth separation force through advanced engineering and material selection guarantees

perfect contacts every time.

#### Simplified technique!

Composi-Tight® 3D Fusion™ is packed with features like easy ring stacking, over-the-wedge placement and Ultra-Grip™ anti-ring slip extensions that make system use intuitive and frustration free.

#### Ideal anatomy!

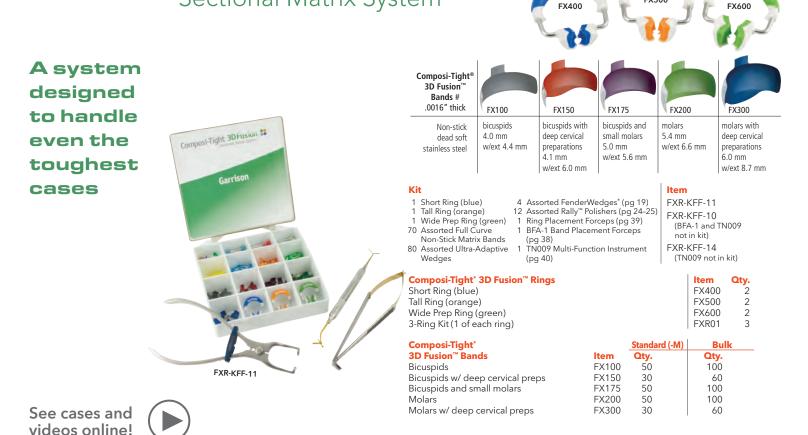
Soft-Face<sup>™</sup> silicone ring tips with enhanced marginal ridge anatomy hug the pre-contoured dead-soft matrices to the tooth for flash free, perfectly contoured restorations.



# Wider indications, wider smiles!

Dentistry's first Wide Preparation separator ring (green) makes Composi-Tight® 3D Fusion™ the most versatile and user-friendly sectional matrix system available. The Wide Prep ring greatly simplifies what until now has been one of the most challenging posterior composite restorations. Now you can restore these big preps with confidence knowing that you will achieve excellent contact and contour without having to take extra steps.

# Composi-Tight. 3D Fusion Sectional Matrix System



arrison

FX500

Garris

arrison



#### Case using the Fusion<sup>™</sup> Anterior Matrix System

Dr. Clarence "Clarie" Tam (Auckland, New Zealand) demonstrates her technique for efficient Class III restorations while bonding to multiple substrates.



**Figure 1.** The final preparation form involved a substrate of both feldspathic porcelain/ leucite-reinforced glass ceramic as well as dentin and cementum.



Figure 2.

The distal aspect of #8 was isolated with a Fusion<sup>™</sup> Anterior sectional matrix and a curved orange wedge secured to ensure linguoproximal adaptation and thus a minimal of flash or overhangs of restorative material.





**Figures 3 and 4.** The mesial of #8 was restored next, followed by the MP of #7.



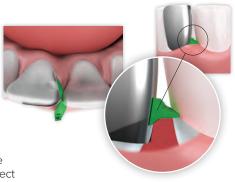
**Figure 5.** Completed restorations.

# **Fusion** Anterior Matrix System

The **Fusion™ Anterior Matrix System** from Garrison® gives you the materials and techniques to restore many types of anterior lesions with confidence.

For years, our customers have shown us how they use posterior metal matrices to restore anterior teeth. When placed vertically, what was the buccal-lingual curvature of the band creates ideal gingival-incisal curvature for an anterior tooth. We worked with these customers to design a metal matrix band that takes this technique to a whole new level of refinement.

Add to that the intelligent design of the new **Fusion™ Anterior Wedges** and you get a complete system. These radically curved wedges hug the bands to the tooth all the way from the facial aspect around to the lingual, helping to free up your hands. Composite placement and sculpting are simplified, allowing you to easily express your artistic nature restoring beautiful smiles for your patients.





# **Composi-Tight 3D Fusion** Sectional Matrix System



Hugs the curves – Soft-Face™ silicone tips with enhanced marginal ridge anatomy hug the matrix band to the tooth for flash free restorations



Stack it up – Tru-Stack™ technology allows placement of the orange ring (tall) over the blue ring (short) for easier MOD and multiple tooth restorations

**It just keeps going...** Enhanced durability for extended ring life and greater tooth separation

# Simply the best!



**Get a grip!** All Composi-Tight<sup>®</sup> 3D Fusion<sup>™</sup> separator rings incorporate Ultra-Grip<sup>™</sup> retention extensions that anchor them securely to virtually any tooth. These rings stay where you place them!



#### Composi-Tight. 3D Fusion. ::

 $\begin{array}{l} \text{Soft-Face}^{\scriptscriptstyle{\mathsf{TM}}} \text{ silicone tips with enhanced marginal ridge anatomy} \end{array}$ 



## Composi-Tight. 3D XR **\*\***

The tenacious grip, along with enhanced Soft-Face™ technology and Dynamic Tip Angle™



## Composi-Tight. 3D Clear **\*\***

The clear Soft-Face<sup>™</sup> allows the curing light to be applied from both the buccal and lingual surfaces



2/pk

3D600 Clear Soft-Face™ Rings 2/pk

## Composi-TightGold. \*\*

2x stronger than our Original G-Rings™



## Composi-Tight. ::

The original G-Ring<sup>™</sup> that started it all-made of polished stainless-steel G100
Standard Length Tines
3/pk
G200
Long Length Tines
3/pk
G200
Standard Length Tines
3/pk
G200
Standard Length Tines
G200
Standar



#### Case using Composi-Tight<sup>®</sup> 3D Fusion<sup>™</sup> Firm Matrix Bands

Dr. Anand Narvekar (Mumbai, India) utilized Garrison® Composi-Tight® 3D Fusion™ Firm Bands for deep margin elevation in this challenging onlay case.



**Figure 1.** FXH300 large molar band with extension was placed. The wedge was wrapped with multiple layers of teflon tape to sufficiently increase its size to allow it to seal the cervical portion of the matrix band in this extremely wide interproximal space.



**Figure 2.** Cervical area was built up with multiple layers of composite.



#### Figure 3.

The process was repeated for the adjacent molar. The stiff nature of Composi-Tight® 3D Fusion™ Firm Bands allows apical pressure to be applied to the band without deformation of the matrix. It can be seated deeper than dead soft matrices for these types of procedures.



**Figure 4.** One-week post-bonding of onlays.

# **Composi-Tight**. **3D Fusion**.

**Composi-Tight\* 3D Fusion™ Firm** matrix bands with **eZ-Place™** technology maintain their shape during placement making them *significantly easier* to insert!

eZ-Place<sup>™</sup> technology combines specially processed stainless steel with a proprietary matrix band forming process to yield Fusion Firm's remarkable handling characteristics. They resist deformation nearly 70% better than typical dead-soft bands yet are pre-contoured and super thin at 0.0015".

#### **Fusion Firm:**

- Nearly 70% better at resisting deformation!
- Super-thin at only 0.0015"
- Five ideal sizes!

#### Perfect for:

- Tight interproximal spaces!
- More conservative preps!
- First-time users and veterans alike!

		Bicuspids	Bicuspids with deep cervical preps	Bicuspids and small molars	Molars	Molars with deep cervical preps
ВS	Composi-Tight* 3D Fusion™ Firm	Composi-Tight* 3	D Fusion <sup>™</sup> Firm matrix	k bands with eZ-Plac	e <sup>™</sup> technology for e	easier placement.
H Seri	thickness 0.0015″		6	the second	1	6
НХЧ	height	<b>FXH100</b> 4.3 mm	<b>FXH150</b> 4.3 mm w/ext 5.9 mm	<b>FXH175</b> 5.3 mm	<b>FXH200</b> 6.1 mm	<b>FXH300</b> 6.1 mm w/ext 7.7 mm
S	Composi-Tight*	Composi-Tight* 3	D Fusion™ Full Curve	Bands have non-stic	k coating and an o	cclusal placement tab.



Descript	ion	ltem	Qty.
Assorted	Band Kit	FXHB04	300
Assorted	Band Mini Kit	FXHB05	150
	Standard (-M)	Bulk	
ltem	Qty.	Qty.	
FXH100	50	100	
FXH150	50	100	
FXH175	50	100	
FXH200	50	100	
FXH300	50	100	

Description	Item	Qty.
Assorted Band Kit	FXB01	420
Assorted Band Mini Kit	FXB02	210

	Standard (-M)	Bulk
ltem	Qty.	Qty.
FX100	50	100
FX150	30	60
FX175	50	100
FX200	50	100
FX300	30	60

0.001 thick



To order standard packs, add a -M after the item #.

		Pediatric	Bicuspids	Bicuspids with deep cervical preps	Bicuspids and small molars	Molars	Molars with deep cervical preps		Standard (-M)	Bulk
S	Composi-Tight*	Composi-Tight*	bands are contou	red in 3 dimensio	ns to provide an			ltem	Qty.	Qty.
U.	Composi-Light	accurate contact	t at the tooth's nat	ural height of con	tour.			M050	25	50
eri.		-			-	-		M100	50	100
Ψ,	thickness							M150	25	50
Ś	0.0015"							M175	50	100
$\leq$		M050	M100	M150	M175	M200	M300	M200	50	100
~	height	3.2 mm	4.6 mm	3.8 mm	5.5 mm	6.4 mm	6.4 mm	M300	25	50
	neight	w/ext 4.2 mm		w/ext 5.4 mm			w/ext 8.6 mm			
									Standard (-M)	Bulk
S	Composi-Tight*	The end of a line of the sec	ala harra a al'adadha	ماهم معام ما				ltem	Qty.	Qty.
Serie	Composi-Tight® Original	The original ban	nds have a slightly	snorter length.				B050	25	50
.⊂								B100	50	100
Ū.	thickness							B150	25	50
S	0.0015"							B200	50	100
Ω		DOEO	5400	<b>D450</b>		B200	<b>B</b> 200	B300	25	50
	h si si ha	<b>B050</b> 3.2 mm	<b>B100</b> 4.6 mm	<b>B150</b> 3.8 mm	NA	6.4 mm	<b>B300</b> 6.4 mm			
	height	w/ext 4.2 mm		w/ext 5.4 mm		0111111	w/ext 8.6 mm			
									Standard (-M)	Bulk
S	Composi-Tight <sup>®</sup>	Clear bands are	transparent and t	ranslucent to allo	w for trans-enamel			ltem	Qty.	Qty.
$\odot$	3D Clear	polymerization	without interferen	ce from metal bar	w for trans-enamel nds.			MC100	50	100
eri.			1 /		10 11	10 01		MC175	50	100
Ū.	thickness							MC200	50	100
$\mathcal{O}$	0.0020"									
()		NA	MC100	NA	MC175	MC200	NA			
$\leq$	hoight	INA	5.0 mm	INA	5.9 mm	6.8 mm	INA			
$\leq$	height		5.0 mm		5.7 MM	0.0 MM				

To order standard packs, add a -M after the item #.

# Composi-Tight. 3D Fusion. Ultra Adaptive Wedges

Combining Soft-Face<sup>™</sup> adaptive materials, a firm inner core and advanced mechanical features to produce a wedge that truly works. Every time.



**Tough on the inside** The firm inner skeleton allows for easy insertion and tooth separation just like a traditional wedge. A real softie Composi-Tight<sup>®</sup> 3D Fusion's Soft-Face<sup>™</sup> overmold allows the wedge to do what no other wedge can truly do – actually adapt to interproximal irregularities.



#### Composi-Tight<sup>®</sup> 3D Fusion<sup>™</sup> Wedge

Description			ltem	Qty.
Composi-Tight® 3D Fu	ision™ Wedge	e Kit	FXK4	400
Composi-Tight® 3D Fu	ision <sup>™</sup> Wedge	e Kit	FXK4-M	200
		Standard		Bulk
		Junuara		Duik
Refills	Item	Qty.	ltem	Qty.
<b>Refills</b> X-Small Yellow	<b>ltem</b> FXYL-M		<b>ltem</b> FXYL	
		Qty.		Qty.

50

FXGR-M

Large Green

**Fins with serious function** Soft retentive fins smoothly fold down during wedge insertion and then spring back when clear of the interproximal space. Wedge back-out is a thing of the past.

FXGR

100



		Bulk
Refills	Item	Qty.
X-Small Yellow	GWAYL	100
Small Blue	GWABL	100
Medium Orange	GWAOR	100
Large Green	GWAGR	100



If you prefer traditional wedge placement with either a hemostat or cotton pliers, G-Wedges give you the same great shape as WedgeWands<sup>®</sup>, iust without the applicator wand.

400

300

300

300

300

Bulk

GSWGR

# WedgeWands. 🚼

WedgeWands<sup>®</sup> are designed to twist off the wand, but many prefer to leave it attached to help retract the cheek and for easy removal after the procedure is complete.



Description WedgeWands® Kit			<b>ltem</b> WK4	<b>Qty.</b> 400
		Standard		Bulk
Refills	Item	Qty.	Item	Qty.
X-Small Yellow	SWYL	100	WYL	300
Small Blue	SWBL	100	WBL	300
Medium Orange	SWOR	100	WOR	300
Large Green	SWGR	100	WGR	300

# SoftWedge.88

Superior adaptation and seal

Soft Wedges<sup>™</sup> compress during insertion, then swell to help fill voids to ensure that your preparations stay clean and dry-an absolute must for today's bonded restorations!



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## Great technique tips and product help are only a click away!

Join thousands of subscribers on our YouTube channel and get notified instantly when new content is posted.

The Garrison<sup>®</sup> YouTube channel is NOT a collection of infomercials. It's all about helpful information on a wide variety of topics. From short two-minute tips on how to reduce flash on Class IIs, to more in depth live patient case presentations, the Garrison<sup>®</sup> channel delivers great content.

Go to youtube.com/garrisondental or search Garrison Dental on youtube and subscribe today!





## Speaking of great content... Get CE credits direct from Garrison<sup>®</sup>!

Go to the Learning Center at garrisondental.com to see a list of prerecorded and upcoming live webinars - many with available CE.

Register for an online account on our website to sign-up for CE credits and manage your CE courses.

# **FENDERWEDGE Interproximal Tooth Shields**

#### **Pre-separate and Protect**

FenderWedge<sup>®</sup> prevents damage to the adjacent tooth and gingiva that can occur during Class II preparations.

FenderWedge® is a combination of a steel plate and a plastic wedge. Inserted into the interproximal space, it protects the tissue and separates the teeth, thus simplifying the application of a matrix.

### FenderWedge<sup>®</sup>

<b>Description</b> FenderWedge <sup>®</sup> Kit			<b>ltem</b> TSK01	<b>Qty.</b> 80
		Standard		Bulk
Refills	Item	Qty.	Item	Qty.
X-Small Purple	TSPR-M	30	TSPR	60
Small Orange	TSOR-M	30	TSOR	60
Medium Green	TSGR-M	30	TSGR	60
Large Yellow	TSYL-M	30	TSYL	60

FenderWedge is NOT a sectional matrix system nor does it replace the use of a matrix band.





Large (yellow) TSYL

Medium (green) TSGR



Small (orange) TSOR

X-small (purple) TSPR



#### **Clinical Tip**









Place FenderWedge<sup>®</sup> prior to preparation to pre-separate and protect the adjacent teeth. The plastic wedge-not just the metal shield-should firmly

engage the interproximal surfaces of the teeth. This will provide the optimum preseparation force and hold the FenderWedge<sup>®</sup> securely in place. (Figures 1 and 2)

Figure 3 clearly shows marks from the bur along the shield. Much better to have those on the shield than on the adjacent tooth!

Once the preparation is complete, remove the FenderWedge<sup>®</sup> and place your matrix.

Dentistry and photos courtesy of Dr. Rob Ritter, Jupiter, Florida

Visit garrisondental.com/ learning to see Dr. Ritter's full case presentation.







#### Case using FitStrip<sup>™</sup> Subgingival Trimmers and Finishers

Doctors R. Becciani and V. Attanasio of Italy present a host of cases highlighting the unique attributes of FitStrip™.



**Figure 1.** Interproximal reduction for orthodontic reasons. The color coded, double sided abrasive strips work in concert with the calibrated gauges to provide the appropriate interproximal space quickly and accurately for aligner systems.



**Figure 3.** Separate inadvertently bonded together adjacent teeth. The very thin serrated FitStrip<sup>™</sup> (gray barrel) is incredibly useful for separating teeth without damaging the interproximal surfaces or losing the contact point.



**Figure 2.** Removal of excess bond and cement on indirect restorations. Excess bond or cement in the particularly delicate cervical area can be achieved without iatrogenic trauma to the patient.



**Figure 4.** Prepare the interproximal space for minimally invasive ceramic veneers. The FitStrip<sup>™</sup> system allows for the calibrated and minimal opening of the interproximal space.

To see more of how doctors Becciani and Attanasio use FitStrip™ as well as FitStrip™ videos, go to our website at garrisondental.com and click on FitStrip.™

Flexible I nterproximal finishers with a Twist

Fit Strip

**FitStrips** are a complete line of interproximal trimmers and finishers from the company that invented tight interproximal contacts, **Garrison**<sup>®</sup> **Dental Solutions.** 



multiple autoclave cycles.

#### Flexible Interproximal finishers with a Twist



Strip

• Primary Function: Contouring Composites and IPR up to .30mm.

Fit Strip

- Durable diamond abrasive on just one side to protect adjacent teeth
- The FitStrip<sup>™</sup> serrated saw is the PERFECT instrument to separate accidentally bonded teeth and reduce over-tight contacts

#### FitStrip<sup>™</sup> Starter Kit

FPSK01 contains:, 2 handles, 2 serrated, 4 single sided (1 of each .08 mm, .10 mm, .13 mm, .18 mm) 4 double sided (1 of each .11 mm, .15 mm, .21 mm, .30 mm)



#### Your Complete Solution for Interproximal Reduction (IPR)!

- Primary Function: IPR when .40mm and .50mm are needed, yet can still be used to contour composites
- IPR gauges for exact reduction
- Attachable handle for greater ease of use and patient comfort

#### **Universal Kit**

**FPSK04 contains:,** 2 handles, 1 IPR gauge, 4 single sided (1 of each .08 mm, .10 mm, .13 mm, .18 mm) 6 double sided (1 of each .11 mm, 15 mm, .21 mm, .30 mm, .40 mm, .50 mm)



Subgingival FitStrips are the ideal solution for the cervical area!

- Primary Function: Use with Composites, both for contouring and accessing cervical areas to remove overhangs or excess cements.
- Only 2.5mm height keeps abrasive below the contact point
- Safety zone protects contacts during insertion
- Extra thin at .05mm

#### FitStrip<sup>™</sup> Subgingival Finishing and Single Sided Kit

**FPSK08 contains:,** 2 handles, 10 Strips: 2 subgingival super fine, 2 subgingival fine, 1 subgingival medium, 1 serrated saw, 1 each single sided .08 mm, .10 mm, .13 mm, .18 mm



**FitStrips** – a complete line of interproximal trimmers and finishers from the company that invented tight interproximal contacts, **Garrison Dental Solutions.** 

Kits All kits come in a package of 10 FitStrips with 2 handles.

ltem	Primary Use
FPSK01 (shown on page 22)	Finishing composites
FPSK04 (shown on page 22)	Finishing composites and IPR
FPSK05	IPR
FPSK07	Subgingival
FPSK08 (shown on page 22)	Subgingival and finishing composites
	Item FPSK01 (shown on page 22) FPSK04 (shown on page 22) FPSK05 FPSK07 FPSK08 (shown on

Refills		Single Sided	Double Sided
uper fine		FPSXFSS	FPSXFDS
15 Micron		0.08 mm thick	0.11 mm thick
ine		FPSFSS	FPSFDS
30 Micron		0.10 mm thick	0.15 mm thick
Medium		FPSMSS	FPSMDS
16 Micron		0.13 mm thick	0.21 mm thick
Coarse		FPSCSS	FPSCDS
0 Micron		0.18 mm thick	0.30 mm thick
Serrated		FPSS	SAW
		0.05 m	m thick
Medium	A 1		FPSTMDS
16 Micron			0.40 mm thick
Medium			FPSXTMDS
16 Micron			0.50 mm thick
Super fine		FPSGXFSS	
15 Micron		0.08 mm thick	N/A
ine		FPSGFSS	
30 Micron		0.10 mm thick	N/A
Medium		FPSGMSS	
16 Micron		0.13 mm thick	N/A
itStrip <sup>™</sup> re	placement hand	<mark>dles</mark> (2-pack) FPS	HANDLE-2
R Gauge	FPSGAUGE		



#### Rally gets you to the finish line faster!

The composite finish line that is. One lightning fast step will put a beautiful satin finish on posterior restorations or add the gray high shine polisher for a lustrous gloss on facials and anteriors. And if you want to be quick off the starting line, use the blue coarse grit for rapid reduction and shaping. Rally Mini Polishers get you across the finish line Garrison and on to your next patient in record time!



#### Get to the point -Every time!

Single patient Rally means that you get a clean, fresh, properly shaped polisher every time.



#### **Mini and mighty!**

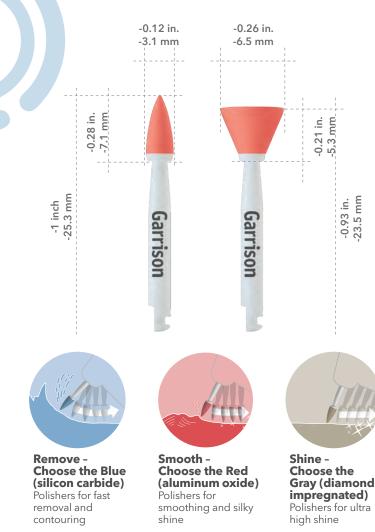
Rally's small size and tapered shaft create a truly agile polisher capable of reaching the smallest anatomical features. without blocking your visibility.

Garrison



#### A clean get-a-way!

You don't want to leave a trail of crumbs or spattered polishing paste on the track. Rally's diamond impregnated high shine final polishers won't crumble during use and don't require paste to create a beautiful, durable shine.





Slow speed right angle latch shank. Use with water.

## Rally™

ltem	Description	Qty.
FPCK01	Composite Polisher Complete Kit	60 (10 each)

ltem	Refills	Qty.
FPCC010	Blue coarse grit point composite polisher	30
FPCC040	Blue coarse grit cup composite polisher	30
FPCM010	Red medium grit point composite polisher	30
FPCM040	Red medium grit cup composite polisher	30
FPCF010	Gray fine grit point composite polisher	15
FPCF040	Gray fine grit cup composite polisher	15

Intra-oral Adjustment/Polishing for Zirconia and Lithium Disilicate

# Adjust and Polish Zirconia and Lithium Disilicate the **eZr** & Way!

# eZr. Intra-oral Adjustment:



- No chatter, chipping or microfracture – Unlike diamonds bonded directly to a hard metal shaft, eZr's rubber substrate cushions the diamonds to prevent damage to the restoration.
- No heat build-up The carefully engineered substrate does not transfer heat during use.
- **FAST!** eZr's coarse grit blue grinders make your adjustments fast and convenient.

# eZr. Intra-oral Polishing:





Garrison



Garrison

- Unparalleled smooth polish - Don't take our word for it! -"The eZr system is the only one I've tried that polishes zirconia to smooth!" Todd Brower, DDS, Holland, Michigan.
- Increased physical stability - Highly polished zirconia and lithium disilicate is stable and nonabrasive to opposing dentition.
- No paste required -Forget the mess and expense of polishing pastes. eZr™ is all you need.
- No water required -No need to use water when polishing. Water is only required for high speed.

eZr<sup>™</sup> is a three-step diamond polishing system for the processing of zirconium oxide and lithium disilicate. The grinders and polishers are ideal for adjusting and correcting chairside restorations such as inlays, onlays, veneers and crowns.



Start by gross adjusting and contouring using the blue coarse grit grinders. Use the flat end taper for occlusal/labial/ lingual/buccal surfaces and the disc for interproximal surfaces.



Use the green medium grit polishers for smoothing and pre-polishing. Use the point for the occlusal grooves, the cup for labial/lingual/buccal, and th disc for interproximal surfaces.

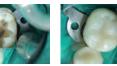


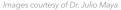
Use the orange fine grit polishers for high gloss polishing. Use the point for the occlusal grooves, the cup for labial/lingual/buccal, and the disc for interproximal surfaces.

	ltem	Description	Qty.
VY Uro	FPZK01	Complete system kit Gross removal, smoothing, pre-polishing, and high gloss polishing	2 grinders 6 polishers
ezrs	FPZC030	Blue coarse grit disc Gross removal	5/pk
Slow speed right angle latch shank Steam autoclaveable	FPZC010	Blue coarse grit flat end taper Gross removal	5/pk
Steam autoclaveable	FPZM010 (not in kit)	Green medium grit small point polisher Smoothing and pre- polishing	5/pk
	FPZM020	Green medium grit large point polisher Smoothing and pre- polishing	5/pk
edium grit oothing and	FPZM030	Green medium grit disc polisher Smoothing and pre- polishing	5/pk
Jse the point for poves, the cup I/buccal, and the	FPZM040	Green medium grit cup polisher Smoothing and pre- polishing	5/pk
imal surfaces.	FPZF010 (not in kit)	Orange fine grit small point polisher High gloss polishing	5/pk
	FPZF020	Orange fine grit large point polisher High gloss polishing	5/pk
	FPZF030	Orange fine grit disc polisher High gloss polishing	5/pk
	FPZF040	Orange fine grit cup polisher High gloss polishing	5/pk

#### Cases using other matrix systems













Images courtesy of Dr. Matthew A. Nejad, DDS, Beverly Hills, CA



Images courtesy of Dr. Jack D. Griffin, Jr., DMD, MAGD, Weldon Spring, MO 26

#### TESTIMONIALS

"Using a matrix system like Reel Matrix can enable them (doctors) to quickly and precisely place anatomically correct Class II posterior composite restorations that demonstrate exceptional contacts." Dr. Dory Stutman

"We produced the margin elevation band to facilitate the deep margin elevation technique which is becoming increasingly popular with adhesive dentistry. Properly performed, this technique allows for a conservative indirect restoration to be completed without additional invasive treatments. The use of this band and unique matrix shape allows the band to form a tight seal in deeper cervical areas where other bands would usually be unable to reach."

Dr. Matthew A. Nejad, DDS Beverly Hills, CA

"To ensure a tight contact, a bulk fill flowable was placed in one proximal box at a time and the mylar held against the adjacent tooth with a PerForm<sup>™</sup> proximal contact instrument. This ensures that the contact is tight and well-formed while light curing though it."

> Dr. Jack D. Griffin, Jr., DMD, MAGD Weldon Spring, MO

Margin Flevation

Reel Matrix<sup>™</sup>

PerForm™

#### Cases using anteriors/cervicals



Images courtesy of Dr. Zunzarren, DDS



Images courtesy of Dr. Abdi Sameni, DDS

#### VariStrip™

How can you produce a natural curvature for anterior composites and eliminate black triangles? Check out Garrison's curved "Varistrips" to recreate the natural interproximal anatomy for anterior teeth.

- Helps avoid incorrect flat embrasures, black triangles and food traps that can be caused by old-fashioned straight mylars.
- No need for wedges on subgingival fillings, as the contours naturally close off the apical aspects for you.
- Excellent for class IVs, diastema closures, etc.
- Variable height allows you to slide each strip in until it precisely matches the tooth height before cutting off excess.
- The blue tint does not affect cure, but ends the annoyance of losing clear strips on patient bibs or bracket tables.

Blue View VariStrips-a must-have super-simple product for every dental office.

Dr. Michael Curtis, Bridgeport, CT, USA





#### Clinical Tip

After using your preferred bonding procedure, place the restorative material into the preparation in advance of using the cervical matrix.

Place the cervical edge of the matrix against the tooth (Fig. 1).

While pressing the gingival edge of the matrix firmly against the tooth, roll the matrix onto the tooth (Fig. 2). Excess material will be expressed from the occlusal edge of the matrix rather than subgingivally, greatly simplifying clean up.

Cure directly through the matrix.



#### Real Easy. Real Tight. Real Fast! For all posterior restorations!

#### Real Easy:

The reels pop into the handle without any fuss! Press the reel into the handle and retract the grippers to lock the reel in place. Plus, if you use the regular matrices (yellow hubs) they can be easily pushed through contacts.



#### **Real Tight:**

Tight contacts and excellent contour are what Reel Matrix is all about These thin matrices are pre-contoured in three dimensions and when combined with anatomical wedges and separator rings, the result is amazingly tight contacts at the natural height of contour.

Real Reel Gear Easy **Reel Grippers** 3 **Real Fast Real Tight** 

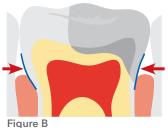
See page 34 for Dr. Rosenfeld's Margin Elevation case.

#### **Margin Elevation Technique restores** deep caries without the trauma.

Margin elevation requires a matrix that will properly adapt and isolate the subgingival area. This is not possible with traditional matrix materials (Figure A). The narrow Margin Elevation Band, with its enhanced conical design, is able to slide down subgingivally and properly seal this area (Figure B).



Figure A



For the complete margin elevation technique, go to garrisondental.com

#### Real Fast:

Pre-loaded reels mean you can just lock them in and go. The retainerless design greatly speeds up quadrant work while improving visibility and patient comfort. Add an FX500 separator ring and you virtually eliminate buccal and lingual flash. The Reel Matrix<sup>™</sup> is the ideal delivery system for the Margin Elevation Band. Its extremely small size and light weight prevents the accidental dislodgement that can occur with long, cumbersome metal retainers.





RM500H

Margin elevation



RM100D 5mm deadsoft

RM200D 6.3mm deadsoft





RM100H 5mm regular

RM200H 6.3mm regular

RM100B 5mm blue 6.3mm blue

#### Great for core build-ups

O COMPANY O COMPANY

> Margin elevation band is .002" thin. Superthin dead-soft bands are .0012" thin. Regular bands are .0015" thin and can be placed through existing contacts. A Blue View cure-through option at .0029" thin is available if you prefer trans-enamel curing.

# **Reel**Matrix .....

Real Easy. Real Tight. Real Fast!

#### ltem

RMK05

#### Description Kit

Contains 80 matrices (20 RM500H, 10 ea. RM100D, RM200D, RM100H, RM200H, RM100B, RM200B) 1 tensioning instrument 1 PerForm<sup>®</sup> instruments (set of 2)

Refills		Qty.
RM500H	Margin elevation band	50
RM100D	5mm dead-soft matrices	50
RM200D	6.3mm dead-soft matrices	50
RM100H	5mm regular matrices	50
RM200H	6.3mm regular matrices	50
RM100B	5mm blue matrices	50
RM200B	6.3mm blue matrices	50
RMR100	5.9mm empty reel	100
RMR200	6.7mm empty reel	100
RMH-100	Tensioning instrument	

#### **IMPORTANT ACCESSORIES**

PerForm™ Proximal Contact InstrumentPage 35(included in RMK05 kit)

# SlickBands. **Tofflemire-style**

#### Non-stick technology developed by

Garrison<sup>\*</sup>: Modern bonding agents can adhere to uncoated matrix bands- Slick Bands<sup>™</sup> slide right out.

Reaches over to the adjacent tooth more easily to help you create broader, deeper contacts.

- Extremely wide preps are simplified.
- Improved visibility for core buildups.

**Proprietary Right Curve**<sup>™</sup> design:

The increased curvature of the all-new **Right-Curve matrix band** 

produces outstanding gingival seal and reaches over to adjacent teeth easier for broader, deeper contacts. This creates a significantly increased funnel-shaped cone when wrapped around a tooth. It's the right choice for many restorations.

#### Margin Elevation Band

The deep margin elevation technique is a useful nonsurgical approach to treating deep localized margins.

A margin elevation matrix will give you the best gingival adaptation and contour for the deep margin areas. It is trimmed in height to allow improved adaptation to deep margin areas.

"We produced the margin elevation band to facilitate the deep margin elevation technique which is becoming increasingly popular with adhesive dentistry. Properly performed, this technique allows for a conservative indirect restoration to be completed without additional invasive treatments. The use of this band and unique matrix shape allows the band to form a tight seal in deeper cervical areas where other bands would usually be unable to reach."

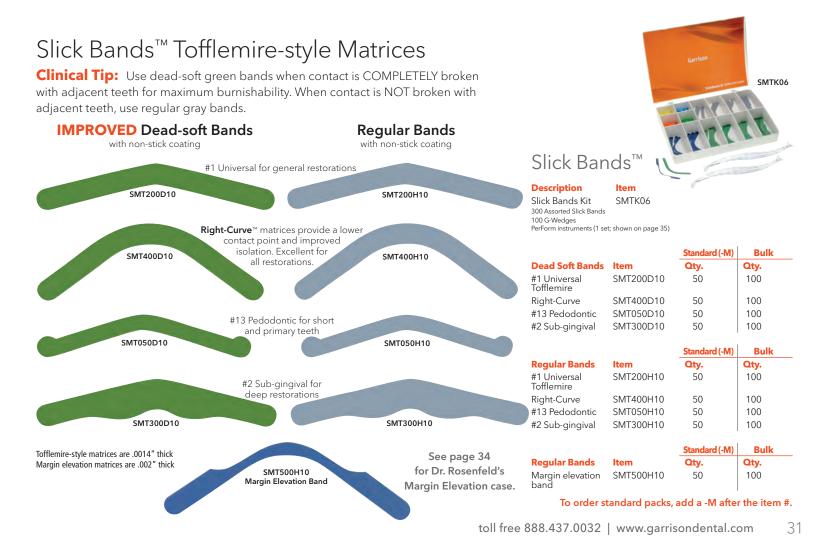
Matthew A. Nejad, DDS Beverly Hills, CA

Tighter gingival seal is beneficial for all restorations.

narrow

'funnel'.







#### Case using a technique known as Deep Margin Elevation (DME) or cervical margin relocation that has been evolving since at least the 1990s

Dr. Robert Rosenfeld (Westwood, New Jersey) case utilizing the Garrison® Reel Matrix™ margin elevation band.



**Figure 1.** Removal of the amalgam and excavation revealed that the decay extended quite far subgingivally on both the mesial and distal.



**Figure 2.** After placing a self etching primer and adhesive, I applied several small increments of a bulk fill flowable material, enough to rise above the gingiva.



**Figure 3.** I then did a freehand layered buildup of the remainder of the restoration, with the exception of the mesial box, using a light-cured core buildup material.





**Figures 4 and 5.** At this point, I removed the Margin Elevation band and placed a sectional matrix band, wedge and separating ring on the mesial (Composi-Tight<sup>®</sup> 3D Fusion<sup>™</sup>, Garrison<sup>®</sup> Dental) and completed the buildup to create good contour and contact until such time that the tooth is prepared for a crown.



**Figure 6.** After trimming the slight excess material on the distal with a finishing carbide and adjusting the occlusion, here is the finished restoration.

#### How **PerForm**<sup>™</sup> works:







STEP 2: Place the curina light directly on the Fresnel lens and cure

either push (distal; fig. 1A)

or pull (mesial; fig. 1B).

# **PerForm**

**Proximal Contact** Instruments

# PerForm puts you in control.

- Improves contacts with any matrix system
- Control the height and breadth of contacts
- Increase the tightness of contacts
- Unique lens controls curing light diffusion
- Steam autoclave only

#### PerForm<sup>™</sup>

ltem	Kit	Qty.
CFK01	PerForm (1/ea. size)	2/pk
CF100	1.1 mm Small Instruments	2/pk
CF200	2 mm Large Instruments	2/pk





"To ensure a tight contact a bulk fill flowable was placed in one proximal box at a time and the mylar held against the adjacent tooth with a PerForm<sup>™</sup> proximal contact instrument.

This ensures that the contact is tight and well-formed while light curing through it."

> Dr. Jack D. Griffin, Jr., DMD, MAGD Weldon Spring, MO

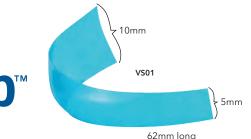


**Curved Form/tapered**: Provides the optimum curvature and band height for virtually every anterior restoration.

**Blue Tint**: Provides contrast between matrix and tooth structure without compromising composite polymerization.

#### **Our Most Popular Anterior Matrix**





The Blue View<sup>™</sup> VariStrip<sup>™</sup> is a revolutionary contoured anterior matrix providing the optimum curvature and band height for virtually every anterior restoration. The 0.0020" thin plastic anatomical strip is tapered from one end to the other. You can place the strip interproximally and then slide it until the tooth height is perfectly matched. The pre-contouring easily recreates the occluso-gingival anatomy, avoiding flat embrasures.

#### Blue View<sup>™</sup> VariStrip<sup>™</sup>

ltem	Kit	Qty.
VS01	VariStrip	100

# BlueView. ::

#### **Cervical Matrices**

"I love the Blue View Cervical Matrix! It works so well. My assistants love watching me use this system. The patients love the excitement in our faces. It makes the process easy and fast. Gotta love that! We are also hooked on using the ReelMatrix. Thanks so much for making great products."

> Cynthia Brattesani, DDS, San Francisco, CA, USA



#### Flexible

- adapts to individual anatomy for improved contours
- use it to directly compact the composite into the restoration
- thin edges allow excess composite to flow out for improved anatomy

#### Convenient!

- protects the restoration from contamination
- eliminates time spent hand sculpting
- eliminates air-inhibited layer
- reduces finishing time
- 7 sizes for a perfect fit
- Gingival Retractor included!

#### **Blue Tint**

- provides contrast between matrix and tooth structure
- does not compromise composite polymerization

#### **KCMK1 INCLUDES**

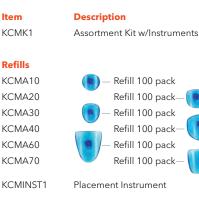
- 275 Assorted Matrices
- 1 Matrix placement Instrument
- 1 Gingival Retractor



MATRICES INCLUDED:

> Anterior/Premolar KCMA40 - 50 pcs KCMA70 - 50 pcs KCMA10 - 35 pcs KCMA20 - 35 pcs KCMA30 - 35 pcs KCMA40 - 35 pcs KCMA40 - 35 pcs

#### Blue View<sup>™</sup> Cervical Matrices



# <text>

**Precise Placement:** The tips have a 75-degree angle with an occlusal-gingival orientation, providing a more appropriate placement angle than cotton forceps. The petite, carbide tips allow the matrix to be grasped at its upper edge to prevent distortion of the interproximal area of the band.



BFA-1

**Unbeatable Grip**: The tungsten carbide tips provide exceptional grip and tactile control for tough access cases.

#### Matrix Forceps BFA-1 Angled tip for occlusal placement

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# Composi-Tight. 3D Fusion. ::

Garrisor

Composi-Tight® 3D Fusion™ includes dentistry's premier heavy-duty stainless steel ring placement forceps. Regardless of your hand size or strength, Composi-Tight® 3D Fusion™ forceps will give you incredible control for the precise placement of superstrong separator rings over even the widest molars.

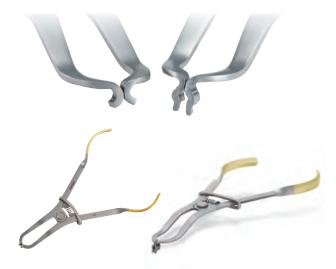
Composi-Tight<sup>®</sup> 3D Fusion<sup>™</sup> Ring Placement Forceps FXP01 Composi-Tight<sup>®</sup> 3D Fusion<sup>™</sup> forceps will work with virtually any ring from any manufacturer.

FXP01



## **Ring Placement Forceps**:

Holds all your sectional matrix system rings.



Ring Placement Forceps AUMRDF-100



Universal Forceps for placing rubber dam clamps and rings UNVF-100



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# **CompositeInstruments \*** Nonstick titanium-nitride coated

Our multi-function instruments have double condenser configurations and carving blades on opposite ends. Now you can place, pack, shape and carve your way to perfectly contoured composite restorations without ever having to switch instruments! • Large-diameter, lightweight handles for improved ergonomics.

- Provides non-stick surface for placement and shaping of composites.
- 40% smoother than stainless steel for a non-porous, non-stick surface.
- Withstands diverse cleaning/sterilization methods, including ultrasonic cleaning.



#### Item Description

#### TN001 Medium Blades Placement of composite material

Gingival retraction to sculpt under free margins Burnishing matrix bands



#### Item Description



Extra Thin Blades Reach under margins to hone and sculpt Sculpting interproximally Packing cord in gingival crevice



TN002 Medium Blade with Medium Plugger Contouring small Class I, II, V Packing composite material into conservative preparations Burnishing matrix bands



#### TN005 Long Extra Thin Blades Allows additional access for hard-to-reach posterior contouring and shaping Sculpting interproximally Packing cord in gingival crevice



#### TN003 Medium Blade with Large Plugger

Contouring large Class I, II, V Packing composite material into large preparations Convex plugger tip minimizes pullback of composite material



#### TN006 Small/Medium

Multi-Function Plugger Placement of composite material in smaller Class II and III Packing material toward gingival seats Carving occlusal anatomy with acorn carver



# Matrix Selection Guide

Being the Matrix Company, one of the most common questions we get is "which matrix do I use where?" While personal preference will drive much of the decision process, below is a chart that can provide a good starting point.

Procedure	Recommended Materials	Page	Special Notes
Distal of canine, short or malpositioned	Composi-Tight <sup>®</sup> 3D Fusion <sup>™</sup> Sectional Matrix Kit	4–5	MOST POPULAR! Separator rings designed to hold firmly on tough cases.
	Reel Matrix <sup>™</sup> —Metal or Blue View	30–31	Retainerless Tofflemire-style matrices, contoured and easy to apply.
	Slick Bands <sup>™</sup> Tofflemire-Style Matrices	32–33	Traditional Tofflemire-style with non-stick coating.
Conservative Class II	Composi-Tight <sup>®</sup> 3D Fusion <sup>™</sup> Sectional Matrix Kit	4–5	MOST POPULAR! Superior contacts with minimal flash.
	Reel Matrix <sup>™</sup> —Metal or Blue View	30–31	Retainerless Tofflemire-style matrices, contoured and easy to apply.
	Slick Bands <sup>™</sup> Tofflemire-Style Matrices	32–33	Traditional Tofflemire-style with non-stick coating.
Slightly wide and/or deep	Composi-Tight <sup>®</sup> 3D Fusion <sup>™</sup> Sectional Matrix Kit	4–5	MOST POPULAR! Superior contacts with minimal flash.
	Reel Matrix <sup>™</sup> —Metal or Blue View	30–31	Retainerless Tofflemire-style matrices, contoured and easy to apply.
	Slick Bands <sup>™</sup> Tofflemire-Style Matrices	32–33	Traditional Tofflemire-style with non-stick coating.

Procedure	Recommended Materials	Page	Special Notes
Large Class II with missing cusps	Composi-Tight <sup>®</sup> 3D Fusion <sup>™</sup> Sectional Matrix Kit—Green Wide Prep Ring	4–5	EXCLUSIVE! Dentistry's first Wide Prep ring greatly simplifies these more challenging restorations.
	Reel Matrix <sup>™</sup> —Metal or Blue View	30–31	Retainerless Tofflemire-style matrices, contoured and easy to apply.
	Slick Bands <sup>™</sup> Tofflemire-Style Matrices	32–33	Traditional Tofflemire-style with non-stick coating.
Small to medium size Class III	Fusion <sup>™</sup> Anterior Matrix System	7	Bands and wedges with ideal gingival-incisal curvature for many types of anterior lesions.
	VariStrip <sup>™</sup> Contoured Anterior Matrices	36	Pre-contoured in three dimensions AND tapered to provide the ideal band height and contour.
Large Class III or Class IV	Fusion™ Anterior Matrix System	7	Bands and wedges with ideal gingival-incisal curvature for many types of anterior lesions.
	VariStrip <sup>™</sup> Contoured Anterior Matrices	36	Pre-contoured in three dimensions AND tapered to provide the ideal band height and contour.
Class V	Blue View <sup>™</sup> Cervical Matrix	37	Contours and directly compresses resin while eliminating air-inhibited layer.
Crown build-ups, post and core	Reel Matrix™	30–31	Best choice. Margin Elevation band available for very deep buildups. Retainerless convenience.
-	Pinch <sup>™</sup> Matrices—Metal or Blue View	34	Very fast; may not provide as tight a cervical seal as other matrices.
	Slick Bands™ Tofflemire-Style Non-Stick Matrices	32–33	Margin Elevation band available for very deep buildups if you prefer a traditional matrix retainer.

#### Customer Service Information

- Call 888.437.0032 Toll Free (USA & Canada) 616.842.2244
- 616.842.2430 Fax
- Email gds@garrisondental.com
- Online garrisondental.com Look for our Learning Center with clinical tips, case studies and technique guides.
- Mail 150 DeWitt Lane Spring Lake, MI 49456 USA

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## Our Guarantee - It's Simple!

#### Satisfaction = 100%

Everything you order from Garrison<sup>®</sup> Dental Solutions is backed by our risk-free six-month money-back **Satisfaction Guarantee**. If you are not satisfied with your product, return the unused portion and we will issue a refund.

#### Quality = 100%

All Garrison products are covered by our **Quality Guarantee**. We will repair or replace any Garrison<sup>®</sup> product that is shown to be defective in materials or workmanship based on the individual product's anticipated lifetime. Please visit our website for details on our various products, garrisondental.com.



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