

The logo features the word "Garrison" in a large, bold, orange sans-serif font, with a registered trademark symbol (®) to its upper right. Below it, the words "Dental Solutions" are written in a smaller, grey, sans-serif font. The background consists of overlapping circular shapes in shades of light blue, white, and orange, with a central circular area containing a blurred, horizontal light trail in warm tones.

Garrison[®]
Dental Solutions

Putting ideas
into practice

Catalogue EN **2022**

MATRIX SYSTEM

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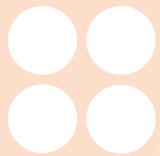
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Case Study Fusion™ Anterior Matrix System

Dr. Maciej Mikołajczyk
PhD, DDSa

Patient was referred to dental office to replace composite fillings with secondary caries in esthetic zone. It was decided to start the treatment with tooth 12 because of deepest caries lesion. After placing dental dam system composite and caries were removed. **Fusion Anterior Matrix system by Garrison** was used to rebuild contact point with adjacent tooth. Metal band was individually shaped for perfect position of contact point, and fitting interdental wedge was used.

Enamel was etched with phosphoric acid and **OPTibond XTR Universal bonding system** was applied. **OPTishade composite** was used, that allows to match the colour of the filling and tooth tissue. Matrix system allowed for ideal shaping of the filling, so it pleased the patient as well. Other filling will be replaced during next visits.



Fig 1. Secondary caries around composite filling in tooth 12



Fig2. Prepared cavity after dental dam placement



Fig 3. Preliminary adjustment of Anterior Matrix System



Fig 4. Subgingival matrix placement



Fig 5. Smallest diameter system wedge was used in this case



Fig 6. Wedge was pressed hard between teeth

Case Study Fusion™ Anterior Matrix System

Dr. Maciej Mikołajczyk PhD, DDSa



Fig 7. Shaping of steel Anterior Matrix



Fig 8. Reconstruction of contact point by matrix shape



Fig 9. Enamel acid etching with phosphoric acid



Fig 10. Etched and dry enamel surface



Fig 11. OPTibond XTR Universal primer application



Fig 12. OPTibond XTR Universal adhesive application



Fig 13. First layer of composite material OPTIshade M



Fig 14. Second layer of composite material that adjusts to tooth colour



Fig 15. Finished filling after polishing



Fig 16. Excellent gingival fitting of a filling is visible



Fig 17. Contact point is rebuilt at perfect position



Fig 18. Time to continue the treatment by replacing other fillings

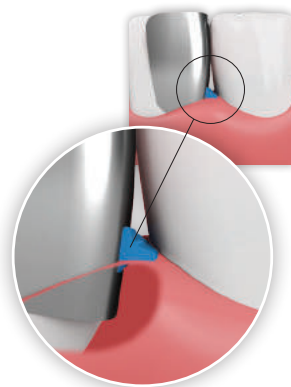
Fusion™ Anterior Matrix System

The all-new **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.



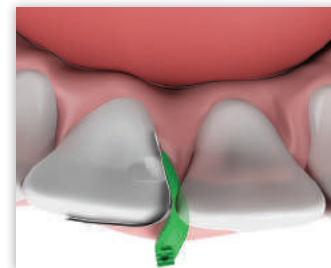
ANK01 Contains:
50 short bands
50 tall bands
25 extra small wedges
25 small wedges
25 medium wedges
25 large wedges



*watch the video
of the technique*

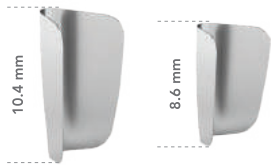


The **Social Six**
never had
it so good!



Try the all-new
**Fusion™ Anterior
Matrix System**
TODAY

Fusion™ Anterior Matrix System



Matrix Fusion™ Anterior

Refills	Part Nr.	Qty
Short	AN100-M	50/pcs.
Tall	AN200-M	50/pcs.

The **Fusion™ Anterior Matrix** contains a myriad of refinements to help you recreate ideal interproximal anatomy quickly and confidently.

- Only 0,038 mm - significantly thinner than strips to facilitate better interproximal contact.
- Firm stainless steel resists deformation both during placement and while compressing composite into the preparation.
- Easy to slide into the sulcus for deeper restorations.
- Ideal anatomic curvature in the gingival-incisal direction AND facial-lingual.
- Far superior to strips when restoring large or deep carious lesions.
- Radical curvature ensures a firm seal at the cervical margin from facial to lingual.
- Helps maintain ideal anatomy by hugging the band to the tooth.
- Unique 'T' shape sits deeper in the interproximal space to minimize the dreaded 'black triangle.'
- Tapered separator strut allows you to adjust the amount of pressure exerted to control the interproximal contact.
- The cervical interface is half above and half below the sulcus for maximum adaptation with deeper restorations.



3d model



Wedges Fusion™ Anterior

The clever features of the **Fusion™ Anterior Wedge** make it a 'must have' for all anterior restorations.

- Radical curvature ensures a firm seal at the cervical margin from facial to lingual.
- Helps maintain ideal anatomy by hugging the band to the tooth.
- Unique 'T' shape sits deeper in the interproximal space to minimize the dreaded 'black triangle.'
- Tapered separator strut allows you to adjust the amount of pressure exerted to control the interproximal contact.
- The cervical interface is half above and half below the sulcus for maximum adaptation with deeper restorations.

Description	Part Nr.	Qty
Fusion Anterior Wedge Kit	ANK4-M	200/pcs.

Refills	Part Nr.	Qty
X-Small Yellow	ANYL-M	50/pcs.
Small Blue	ANBL-M	50/pcs.
Medium Orange	ANOR-M	50/pcs.
Large Green	ANGR-M	50/pcs.



Case Study Differentiated positioning of Composit-Tight 3D Fusion Firm matrices

**Prof. Nicola Scotti, DDS, PhD,
Associate Professor University
of Turin Dental School**

In cases of multiple cavities on posterior teeth it could happen that the space available between the cervical margins is different between tooth and tooth, forcing us to have sectional matrices with different convexities such as to guarantee proper emergence profiles of the interporximal walls.

Composi-tight 3D Fusion Firm are an extremely versatile solution that allows, by varying their positioning horizontally, to exploit the different degrees of convexity that these matrices possess: elevated in the center, gradually lighter towards the ends.



Fig 1 Given the different angles of the posterior teeth, these cavities show interproximal areas with very different anatomies and emergence profiles



Fig 2 Positioning of Composit-tight 3D Fusion Firm. Note, especially between 1.4 and 1.5, how the matrices were positioned staggered, taking advantage of the different degrees of convexity typical of these matrices



Fig 3 A Composit-Tight® 3D Fusion™ separator ring can now be placed. The use of the special forceps is fundamental, the only one capable of open the ring sufficiently and allowing for easy positioning



Fig 4 interproximal walls once restored with composite



Fig 5 case completed before removing the rubber dam

Composi-Tight® 3D Fusion™

Sectional Matrix System



The new Composit-Tight® 3D Fusion™ green ring for wide preps

This ring is great for wide embrasures, and holds even when a cusp is missing. The broad silicone tips prevent the matrix band from being squashed into the cavity.

Part.nr. FX600 (2 pcs / pack)



The orange Composit-Tight® 3D Fusion™ ring now with retentive tips

Ultra-Grip™ retentive tips prevent slipping on all Composit-Tight® 3D Fusion™ rings. The improved form makes opening and placing the ring much easier. It also holds on large molars.

Part.nr. FX500 (2 pcs / pack)



The popular blue Composit-Tight® 3D Fusion™ ring is now even easier to open

The new ring gives improved adaptation to the marginal ridge anatomy because of the soft silicone tips. It works very well on short and malpositioned teeth, and holds on top of a rubber dam clamp or between canine and first premolar.

Part.nr. FX400 (2 pcs / pack)

watch the video of the technique



Part Nr.	Description
FX600	Composi-Tight® 3D Fusion™ Ring Wide Prep green 2 rings/pack
FX600-1	Composi-Tight® 3D Fusion™ Ring Wide Prep green 1 ring
FX500	Composi-Tight® 3D Fusion™ Ring Tall orange 2 rings/pack
FX500-1	Composi-Tight® 3D Fusion™ Ring Tall orange 1 ring
FX400	Composi-Tight® 3D Fusion™ Ring Short blue 2 rings/pack
FX400-1	Composi-Tight® 3D Fusion™ Ring Short blue 1 ring
FXR01	Kit of all 3 rings (1x green, 1x orange and 1x blue)
FXP01	Composi-Tight® 3D Fusion™ Ring Placement Forceps

STERILIZE THE RINGS ONLY IN THE AUTOCLAVE
See instructions on pag. 35

What we
IMPROVED:

Composi-Tight® 3DFusion™

Sectional Matrix System

Long lasting thanks to the new manufacturing method.



Ultra-Grip™ retention extensions prevent the ring from jumping off or sliding.

The first ring with extra large **silicone extensions** for wide preparations.

Best separation of the teeth at interproximal level

Soft-Face™ tips with enhanced marginal ridge anatomy hug matrix bands to teeth.



*wide preparations
green ring*

The Award Winning



Matrix Materials - Wedges
Matrix Materials & Systems



Composi-Tight® 3DFusion™

Firm Matrix Bands

*watch the video
of the technique*








FX-HHF-00

Part Nr.	Description
FX-HHF-00 Kit intro	1 Composi-Tight® 3D Fusion™ Ring Short blue 1 Composi-Tight® 3D Fusion™ Ring Tall orange 1 Composi-Tight® 3D Fusion™ Ring Wide Prep green 80 Assorted Composi-Tight® 3D Fusion™ Wedges in 4 sizes 70 Assorted Composi-Tight® 3D Fusion™ Firm Bands in 5 sizes 1 Composi-Tight® 3D Fusion™ Ring Placement Forceps
FX-HHF-40	1 Composi-Tight® 3D Fusion™ Ring Short blue 1 Composi-Tight® 3D Fusion™ Ring Tall orange 1 Composi-Tight® 3D Fusion™ Ring Wide Prep green 40 Assorted Composi-Tight® 3D Fusion™ Wedges in 4 sizes 40 Assorted Composi-Tight® 3D Fusion™ Firm Bands in 5 sizes 1 Composi-Tight® 3D Fusion™ Ring Placement Forceps

The new, more rigid **Composi-Tight® 3D Fusion™ Firm matrices** resist deformation almost 70% more than the other matrices, maintaining a super-thin thickness of 0,038 mm.



Composi-Tight® 3D Fusion™ Firm Matrix Bands

	Bicuspids	Bicuspids with deep cervical preps	Bicuspids and small molars	Molars	Molars with deep cervical preps
Composi-Tight® 3D Fusion™ Firm matrix bands with eZ-Place™ technology for easier placement.					
thickness 0,038 mm					
Bulk Part Nr. height qty per pack	FXH100 4,3 mm 100 pcs.	FXH150 6,0 mm 100 pcs.	FXH175 5,3 mm 100 pcs.	FXH200 6,1 mm 100 pcs.	FXH300 7,7 mm 100 pcs.
Standard Part Nr. height qty per pack	FXH100-M 4,3 mm 50 pcs.	FXH150-M 6,0 mm 50 pcs.	FXH175-M 5,3 mm 50 pcs.	FXH200-M 6,1 mm 50 pcs.	FXH300-M 7,7 mm 50 pcs.

New
**eZ-Place™
Technology**

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



*watch
the video*

Perfect for:

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

Fusion Firm:

- Nearly 70% better at resisting deformation!
- Super-thin at only 0.038 mm
- Five ideal sizes!



Part Nr.	Description
FXHB04	Assorted Band Kit: 5 sizes, 300 pcs.
FXHB05	Assorted Band Mini Kit: 5 sizes, 150 pcs.

Composi-Tight® 3DFusion™

Sectional Matrix System



FX-KFF-00



*watch the video
of the technique*

Garrison
Dental Solutions



The new Composi-Tight® 3D Fusion™ Sectional Matrix System provides the solution for all Class II cavities.

Soft-Face™ silicone tips with enhanced marginal ridge anatomy hug the matrix band to the tooth for perfect contact points and flash free restorations.



Part Nr.	Description
FX-KFF-00 Starter Kit	1 Composi-Tight® 3D Fusion™ Ring Short blue 1 Composi-Tight® 3D Fusion™ Ring Tall orange 1 Composi-Tight® 3D Fusion™ Ring Wide Prep green 80 Composi-Tight® 3D Fusion™ Wedges, 4 sizes 70 Composi-Tight® 3D Fusion™ Matrix Bands, 5 sizes 1 Composi-Tight® 3D Fusion™ Ring Placement Forceps
FX-KFF-50	1 Composi-Tight® 3D Fusion™ Ring Short blue 1 Composi-Tight® 3D Fusion™ Ring Tall orange 1 Composi-Tight® 3D Fusion™ Ring Wide Prep green 40 Composi-Tight® 3D Fusion™ Matrix Bands, 5 sizes 40 Composi-Tight® 3D Fusion™ Wedges, 4 sizes 1 Composi-Tight® 3D Fusion™ Ring Placement Forceps

The Award Winning
Composi-Tight 3DFusion™
Sectional Matrix System



Composi-Tight® 3D Fusion™

Full Curve Non-Stick Matrices

Fits any tooth shape!

Wrap it up - Full Curve bands wrap further around the tooth out of the way, making ring placement easier.

Keep tabs on them - An occlusal placement Grab-Tab™ gives you excellent control with any placement instrument you choose.

Go deep or wide - Improved subgingival extensions and added wrap-around length mean improved results on those more challenging restorations.

Easy in - Their advanced curved form improves structural rigidity, making them our easiest-to-place band ever.

Easy out - Composi-Tight® 3D Fusion™ Full Curve matrices wouldn't be complete without the Slick Bands™ non-stick coating invented by Garrison.



*watch the video
of the technique*

	premolars	premolars with deep cervical preparations	premolars and small molars	molars	molars with deep cervical preparations
Composi-Tight® 3D Fusion™ Bands					
thickness 0,038 mm					
Bulk Part Nr. height quantity	FX100 4,4 mm 100 pcs.	FX150 6,0 mm 60 pcs.	FX175 5,6 mm 100 pcs.	FX200 6,6 mm 100 pcs.	FX300 8,7 mm 60 pcs.
Standard Part Nr. height quantity	FX100-M 4,4 mm 50 pcs.	FX150-M 6,0 mm 30 pcs.	FX175-M 5,6 mm 50 pcs.	FX200-M 6,6 mm 50 pcs.	FX300-M 8,7 mm 30 pcs.

Part Nr.	Description
FXB02	Composi-Tight® 3D Fusion™ Bands Kit 210 pieces (50 pcs. each FX100, FX175 and FX200 and 30 pcs. each. FX150 and FX300)
BFA-1	Matrix Forceps

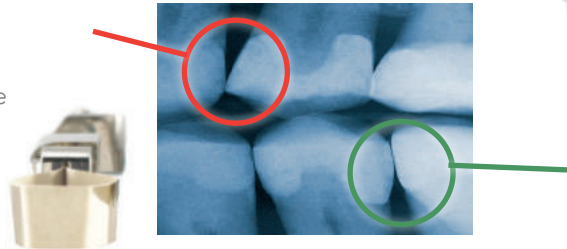


Full bands kit including all sizes of **Composi-Tight® 3D Fusion™** with 210 bands
FXB02

Only a sectional matrix can deliver results like this!

Tofflemire-style System

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



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

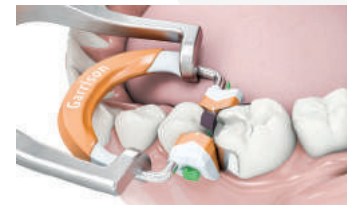
Only Composi-Tight® 3D Fusion™ can make the technique this intuitive and frustration free!



- 1 Place the matrix band:** Dead-soft three dimensionally contoured matrices have placement tabs for easier occlusal placement and Garrison's revolutionary non-stick coating for hassle-free removal.



- 2 Wedge firmly:** Composi-Tight® 3D Fusion™ Ultra-Adaptive wedges glide in but won't back out. Their soft, flexible exterior readily adapts to interproximal irregularities for a superior gingival seal.



- 3 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-TightGold®

The second generation **Composi-Tight® System** still loved by many dentists.



Part Nr.	Description	Qty
AU400	G-Rings™ Standard Length Tines	3/pcs.
AU500	G-Rings™ Long Length Tines	3/pcs.
AUMRDF-100	Ring Placement Forceps	

Composi-Tight®

Our **original system** that set the standard for tight, anatomical contacts.

Part Nr.	Description	Qty
G100	G-Ring™ Standard	3/pcs.
G200	G-Ring™ Long Length Tines	3/pcs.
AUMRDF-100	Ring Placement Forceps	

Composi-Tight Gold® Matrix Bands






Composi-Tight Gold 0,035 mm thick	AU050	AU100	AU150	AU200	AU300
Most commonly used for:	pediatric 3.2 mm 50 pcs.	premolars 4.6 mm 100 pcs.	premolars with deep cervical preparations 3.8 mm 50 pcs.	molars 6.4 mm 100 pcs.	molars with deep cervical preparations 6.4 mm 50 pcs.
height amount per pack					







Composi-Tight® Matrix Bands

Composi-Tight 0,035 mm thick	B050	B100	B150	B200	B300
Most commonly used for:	pediatric 3.2 mm 50 pcs.	premolars 4.6 mm 100 pcs.	premolars with deep cervical preparations 3.8 mm 50 pcs.	molars 6.4 mm 100 pcs.	molars with deep cervical preparations 6.4 mm 50 pcs.
height amount per pack					





FXH Series

	Pediatric	Bicuspids	Bicuspids with deep cervical preps	Bicuspids and small molars	Molars	Molars with deep cervical preps
Composi-Tight® 3D Fusion Firm™	Matrici Composi-Tight® 3D Fusion™ Firm					
thickness 0,038 mm						
Part. n. height	NA	FXH100 4,3 mm	FXH150 4.3 mm w/ext 5.9 mm	FXH175 5,3 mm	FXH200 6,1 mm	FXH300 4.3 mm w/ext 5.9 mm




FX Series

Composi-Tight® 3D Fusion™	Matrici Composi-Tight® 3D Fusion™				
thickness 0,038 mm					
Part. n. height	NA	FX100 4.0 mm	FX150 4.1 mm w/ext 6.0 mm	FX175 5.0 mm	FX200 5.4 mm
					FX300 6.0 mm w/ext 8.7 mm







SXR Series

Slick Bands™ XR	Matrici Slick Bands™ XR				
thickness 0,038 mm					
Part. n. height	NA	SXR100 4,6 mm	SXR150 3.8 mm w/ext 5.4mm	SXR175 5,4 mm	SXR200 6,4 mm
					SXR300 6.4 mm w/ext 8.6 mm

MC Series

Composi-Tight® 3D Clear	Matrici Composi-Tight® 3D Clear				
thickness 0,050 mm					
Part. n. height	NA	MC100 5,0 mm	NA	MC175 5,9 mm	MC200 6,8 mm
					NA





M Series

	Pediatric	Bicuspid	Bicuspid with deep cervical preps	Bicuspid and small molars	Molars	Molars with deep cervical preps
Composi-Tight®	Composi-Tight® bands are contoured in 3 dimensions to provide an accurate contact at the tooth's natural height of contour.					
thickness 0,035 mm						
Part. n. height	M050 3.2 mm w/ext 4.2 mm	M100 4,6 mm	M150 3.8 mm w/ext 5.4 mm	M175 5,4 mm	M200 6,4 mm	M300 6.4 mm w/ext 8.6 mm

AU Series

	The Gold bands are the same as the Composi-Tight® bands.					
Composi-Tight Gold®						
thickness 0,035 mm						
Part. n. height	AU050 3.2 mm w/ext 4.2 mm	AU100 4,6 mm	AU150 3.8 mm w/ext 5.4 mm	NA	AU200 6,4 mm	AU300 6.4 mm w/ext 8.6 mm

B Series

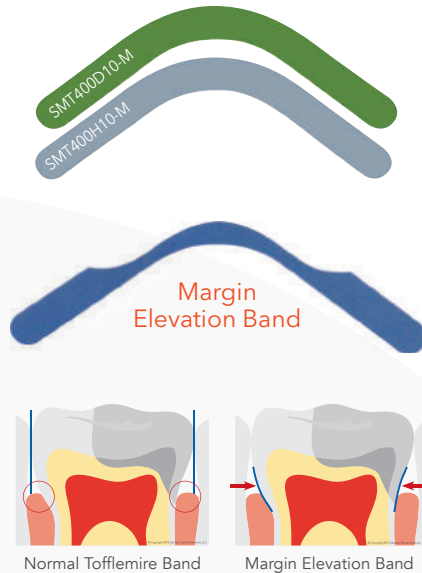
	The original bands have a slightly shorter length.					
Composi-Tight Original						
thickness 0,035 mm						
Part. n. height	B050 3.2 mm w/ext 4.2 mm	B100 4,6 mm	B150 3.8 mm w/ext 5.4 mm	NA	B200 6,4 mm	B300 3.8 mm w/ext 5.4 mm

New

Now order conveniently
through our online shop at
www.garrisondental.com

SlickBands™ Tofflemire-style

Non-stick technology developed by Garrison: Modern bonding agents can adhere to uncoated matrix bands. Slick Bands™ slide right out.

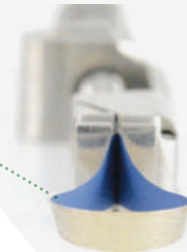


Tighter gingival seal is beneficial for all restorations.



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.



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

Slick Bands™ Refills

Part Nr.	Description	Qty
Dead-soft bands with non-stick coating (green)		
SMT400D10-M	Right-Curve™ Band	50/pcs.
Regular bands with non-stick coating (gray)		
SMT400H10-M	Right-Curve™ Band	50/pcs.
Margin Elevation Bands		
SMT500H10-M	Margin Elevation Band	50/pcs.

Composi-Tight® 3D Fusion™ Ultra Adaptive Wedges

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

Get a grip.

The universal gripping block gives you absolute control of the wedging process whether you're using a cotton pliers, hemostat or "pin" tweezers. Use what you like - Composi-Tight® 3D Fusion™ has you covered.



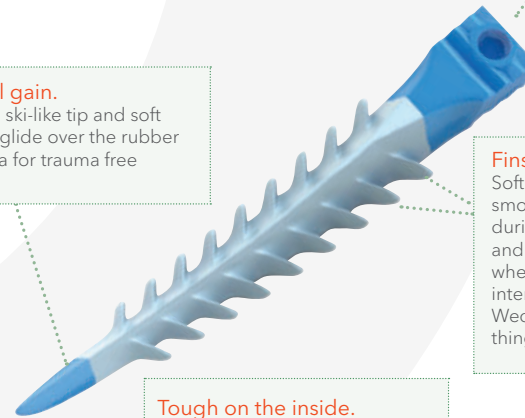
FXK4-M

No pain - all gain.

The upturned ski-like tip and soft radius edges glide over the rubber dam or papilla for trauma free insertion.

Fins done right.

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.



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® 3D Fusion's Soft-Face™ over-mold allows the wedge to do what no other wedge can truly do - actually adapt to interproximal irregularities.

*watch the video
of the technique*



Composi-Tight® 3D Fusion™ Wedges

Kit	Description	Qty
FXK4-M	Composi-Tight® 3D Fusion™ Wedge Kit 50 pcs. each color	200/pcs.
FXK4	Composi-Tight® 3D Fusion™ Wedge Kit 100 pcs. each color	400/pcs.
Refills	Description	Qty
FXYL	X-Small yellow refill	100/pcs.
FXBL	Small blue refill	100/pcs.
FXOR	Medium orange refill	100/pcs.
FXGR	Large green refill	100/pcs.

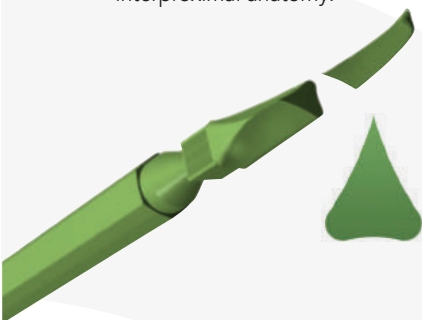


Stays put. Back-out is prevented by the textured wedge body and gradual side taper.

Gentle touch. The ski-like tip prevents the wedge from digging into the rubber dam or papilla during insertion, and the soft radius edges prevent trauma during insertion and removal.

Snug fit. Adapts naturally to the contours of the teeth with the pliant plastic material.

A sure seal. Every angle and plane is a continuous curve to mimic interproximal anatomy.



WedgeWands®



WK4

Kit	Description	Qty
WK4	Wedge Wands™ Kit 100 each. size	400/pcs.

Refills	Description	Qty
SWYL	X-Small yellow refill	100/pcs.
SWBL	Small blue refill	100/pcs.
SWOR	Medium orange refill	100/pcs.
SWGR	Large green refill	100/pcs.

CURE THROUGH WedgeWands®

Cure-Through



WCK4

Kit	Description	Qty
WCK4	Clear Wedge Wands® Kit 100 each. size	400/pcs.

Refills	Description	Qty
SWCYL	X-Small yellow refill	100/pcs.
SWCBL	Small blue refill	100/pcs.
SWCOR	Medium orange refill	100/pcs.
SWCGR	Large green refill	100/pcs.



GWAK4

The A+ Wedge™ controls gingival bleeding making restorations cleaner and quicker. In addition to adapting naturally to the contours of the teeth and mimicking interproximal anatomy, the A+Wedges™ are coated with aluminum sulfate that has an astringent effect on the gingiva.

The wedges are designed to prevent back-out and are long enough to allow for proper matrix ring placement.

Kit	Description	Qty
GWAK4	A+ Wedge™ Kit 50 each. size	200/pcs.

Refills	Description	Qty
GWAYL	X-Small yellow refill	100/pcs.
GWABL	Small blue refill	100/pcs.
GWAOR	Medium orange refill	100/pcs.
GWAGR	Large green refill	100/pcs.

SoftWedge™

Superior adaptation and seal



WDK4



The first wooden wedge designed for use with a sectional matrix system

Soft Wedges™ are wooden interproximal wedges that have been optimized for use with modern restorative materials. The ability to compress during insertion, then swell to help fill voids insures that your preparations stay clean and dry - an absolute must for today's bonded restorations! Soft Wedges™ are longer than regular wedges to allow for easy adjustment under the ring. They are made of American bass soft wood for best adaptability and form.

Kit	Description	Qty
WDK4	Soft Wedge™ Kit 100 each. size	400/pcs.

Refills	Description	Qty
WDYL	X-small yellow refill	300/pcs.
WDBL	Small blue refill	300/pcs.
WDOR	Medium orange refill	300/pcs.
WDGR	Large green refill	300/pcs.

BlueView[™] VariStrip[™]

Contoured Anterior Matrices

The **Blue View VariStrip[™]** is a revolutionary contoured anterior matrix providing the optimum curvature and band height for virtually every anterior restoration. The 0.05 mm 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.

Curved Form: 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.

Part Nr.	Description	Qty
VS02	VariStrip [™]	50/pcs.
VS01	VariStrip [™]	100/pcs.

Variable height from 6 -10 mm gives you the correct height for all anterior teeth

New

Now order conveniently through our online shop at www.garrisdental.com



Dr. Martin von Sontagh, Austria

Avoids incorrect flat embrasures, black triangles and food traps that old-fashioned straight mylars sometimes produce.

Excellent for Class IVs, diastema closures, etc.



Dr. Gabriele Conte, Italy



Subgingival Trimmers and Finishers!

Subgingival FitStrips are perfectly designed to remove composite overhangs and excess cement quickly and safely from hard-to-reach subgingival areas. These strips are 33% more narrow at only 2.5 mm in height versus standard **FitStrips**, and with their center, non-abrasive Safety Zone, slip easily between teeth and below the contact area.

Ready for a **marathon!** FitStrips are very durable and long lasting. They stay sharp and ready to go even after multiple autoclave cycles.

The medium, fine and super fine durable diamond coating makes quick work of the cleanup and provides a silky-smooth finish.

Do the Twist! Twist the color-coded barrel to adjust FitStrips' curvature and it's automatically locked in place.



Stay in the zone

- Non-abrasive Safety Zone protects contact area
- Super-thin - only 0.05 mm!
- Slips easily and safely between teeth

Narrow focus

- 33% more narrow than standard FitStrips
- Only 2.5 mm in height

Starts bold – finishes clean

1. **Medium grit** for fast removal
2. **Fine grit** smooths things out
3. **Super fine** strips put the perfect finishing touch on things

One handy handle!

FitStrip's simple, attachable handle makes a world of difference for both clinician ease-of-use and patient comfort.



FPSK07

Simple Subgingival Technique:

1. Slide between teeth. Starting with the medium grit (blue), twist the colored barrel until the strip is locked straight. Position the Safety Zone in the affected interproximal space. With gentle apical pressure and a slight back-and-forth motion, slide the strip between the teeth*. The barrel may be twisted into a curved position at this time to allow the strip to follow the natural tooth contours.
2. Remove the overhang/excess cement. Move Fitstrip™ in a gentle buccal-lingual back-and-forth motion. Remove FitStrip™ and test the area with floss to ensure the desired result. Repeat as necessary.
3. Finish and polish. Place the fine grit FitStrip™ (red) into the interproximal space using the method in step one. Move it in a gentle buccal-lingual back-and-forth motion three or four times. Remove the fine strip and repeat the process with the super fine (yellow) for an ideal polish.



*If the teeth are bonded together or the contact is too tight to get the 0.05 mm Safety Zone between the teeth, use the FitStrip™ serrated saw (gray barrel) first to gain access.

NEW!

FitStrip™ Subgingival Finishing Kit

FPSK07 contains:

- 3 subgingival super fine,
- 3 subgingival fine,
- 3 subgingival medium,
- 1 serrated saw

	Full IPR Bar Numbers	IPR up to 0.3mm	IPR up to 0.5mm	IPR Gauge Included	Serrated Saw Included	Contouring Composites	Sub Gingival Applications	Includes 2 Handles
FPSK01	✓	✗	✗	✓	✓	✗	✓	
FPSK04	✓	✓	✓	✗	✓	✗	✓	
FPSK05	✓	✓	✓	✗	✗	✗	✓	
FPSK07	✗	✗	✗	✓	✗	✓	✓	
FPSK08	✗	✗	✗	✓	✓	✓	✓	

Part Nr.	Description
FPSK07	NEW Subgingival Finishing Kit 3 subgingival super fine, 3 subgingival fine, 3 subgingival medium, 1 serrated saw
FPSK08	NEW Subgingival Finishing and Single Sided Kit 2 subgingival super fine, 2 subgingival fine, 1 subgingival medium, 1 serrated saw, 4 single sided (1 of each 0,08-0,10-0,13-0,18 mm)



Case study
IPR management
in clear aligners
therapy

Dr. Tommaso Weinstein,
DDS, PhD.

Interproximal spaces management is a very important issue in clear aligners therapy. This case presented crowding in upper and lower arch. It has been treated with clear aligners therapy through a digital planification. The interproximal reduction (IPR) was carefully planned. **FitStrip™** allowed to perform IPR with predictability and control, using different thickness.

Patient reported an excellent comfort during procedure, better that reported with normal strips.



Fig 1, 2 e 3. Initial situation, upper and lower arch. Intraoral photos.

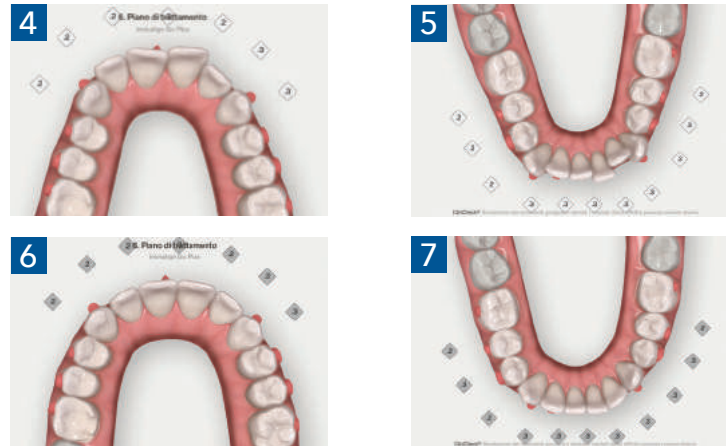


Fig 4-7. Digital planification, before (4 and 5) and after (6 and 7). Numbers refer to IPR required.



Fig 8. use of FitStrip™ for IPR.



Fig 9. clear aligners in place



Fig 10 and 11. direct composites on incisal edges



Fig 12 and 13. final result in upper and lower arch

Fit Strip™
Flexible
Interproximal
Twistable



*watch the video
of the technique*

FitStrip™

Flexible
Interproximal
Twistable

FitStrip™ a complete line of interproximal trimmers and finishers

Ideal for interproximal reduction (IPR) in orthodontic treatments such as Invisalign and Six Month Smiles™. Autoclavable and very long lasting.



FPSK05

	Full Fit Strip Numbers	IPR up to 0.3mm	IPR up to 0.5mm	IPR Gauge Included	Serrated Saw Included	Contouring Composites	Sub Gingival Applications	Includes 2 Handles
FPSK01	✓	✗	✗	✓	✓	✗	✓	
FPSK04	✓	✓	✓	✗	✓	✗	✓	
FPSK05	✓	✓	✓	✗	✗	✗	✓	
FPSK07	✗	✗	✗	✓	✗	✓	✓	
FPSK08	✗	✗	✗	✓	✓	✓	✓	

- Diamond and serrated strips with a comfortable handle that keeps the field free with the hand outside the patient's mouth



- A simple colored cylinder allows adjustment of the curvature of the strips, from curved to straight

- modeling and finishing of composite restorations (curved shape)

- reduction of contact before or after restoration (straight shape)

Part Nr.	Description
FPSK04	10 strips (1 single sided and 1 double sided for each grit - 5 grits) 2 handles 1 IPR gauge
FPSK05	10 strips (2 double sided for each grit - 5 grits) 2 handles 1 IPR gauge
FPSK01	2 handles 2 serrated strips 4 single sided strips (1 for each grit) 4 double sided strips (1 for each grit)



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



FPSGAUGE
IPR thickness gauge

New Now order conveniently
through our online shop at
www.garrisondental.com

Refills 4 pcs/package		Single Sided	Double Sided
Super fine 15 Micron		FPSXFSS-4 0,08 mm thick	FPSXFDS-4 0,11 mm thick
Fine 30 Micron		FPSFSS-4 0,10 mm thick	FPSFDS-4 0,15 mm thick
Medium 46 Micron		FPSMSS-4 0,13 mm thick	FPSMDS-4 0,21 mm thick
Coarse 90 Micron		FPSCSS-4 0,18 mm thick	FPSCDS-4 0,30 mm thick
Serrated		FPSSAW-4 0,05 mm thick	
Medium 46 Micron		-	FPSTMS-4 0,40 mm thick
Medium 46 Micron		-	FPSXTMS-4 0,50 mm thick
Super fine 15 Micron		FPSGXFSS-4 0,08 mm thick	N/A
Fine 30 Micron		FPSGFSS-4 0,10 mm thick	N/A
Medium 46 Micron		FPSGMSS-4 0,13 mm thick	N/A
FitStrip™ replacement handles (2-pack) FPSHANDLE-2			

PerForm™

Proximal Contact Instruments

PerForm™ puts you in control.

- Improves contacts with any matrix system
- Controls the height and width of contacts
- Increases the tightness of contacts
- Unique lens controls curing light diffusion

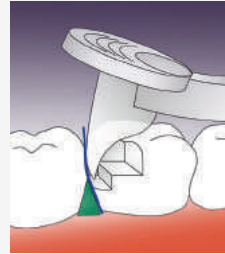
Part Nr.	Description	Qty
CFK01	PerForm™ Kit	2/each. size
CF100	1,1 mm Small Instruments	2/pcs.
CF200	2,0 mm Large Instruments	2/pcs.

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

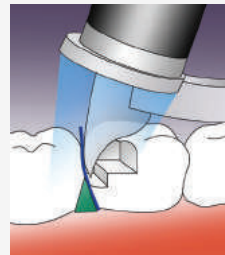
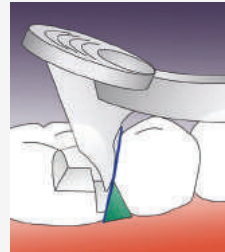
Dr. Jack D. Griffin, Jr. USA



How PerForm™ works:



STEP 1:
Place the first composite increment. Press PerForm into the uncured composite increment and either push (distal, fig. 1) or pull (mesial, fig. 2)



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





eZr™ polishers
enable clinicians to easily and safely adjust and polish both **zirconia** and **lithium disilicate**.



FPZK01-X - eZr™ Kit



1 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.



2 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 the disc for interproximal surfaces.



3 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.

FPZK01-X – eZr™ Kit

Kit with 2 grinders and 6 polishers

2 grinders for gross removal (blue)

3 polishers for smoothing and pre-polishing (green)

3 polishers for high gloss polishing (orange)



watch our tutorial



watch our video

Making adjustments **for you!**

The correct processing of zirconia has been a controversial issue for a long time, due to the risk of microfracturing. Finishing with the appropriate instruments is now possible and produces long term stability of the restoration.

The eZr™ Polishing System provides a processing solution that not only produces a high gloss finish on zirconia, but increases the physical stability through polishing. Highly polished stable zirconia surfaces are now attainable. The polishers have a long life, and in combination with a high material removal rate, allow for an economic and fast processing system to get to glossy in seconds, without polishing paste.

- Enables easy and safe adjustment for zirconia and lithium disilicate.
- Proprietary diamond impregnated polisher reduces possibility of chipping and microfracturing.
- Provides an unparalleled smoothly polished occlusal surface, eliminating abrasiveness to opposing dentition.
- Prevents over-heating that could lead to premature failure.
- Eliminates the need for polishing paste, reducing overall cost per procedure.

	Part Nr.	Description	Grit
	FPZC030-X	Blue coarse grit disc gross removal, 5/pack	Gross removal
	FPZC010-X	Blue coarse grit flat end taper gross removal, 5/pack	Gross removal
	FPZM010-X	Green medium grit small point polisher, 5/pack	Smoothing and Pre-Polishing
	FPZM020-X	Green medium grit large point polisher, 5/pack	Smoothing and Pre-Polishing
	FPZM030-X	Green medium grit disc polisher, 5/pack	Smoothing and Pre-Polishing
	FPZM040-X	Green medium grit cup polisher, 5/pack	Smoothing and Pre-Polishing
	FPZF010-X	Orange fine grit small point polisher, 5/pack	High Gloss Polishing
	FPZF020-X	Orange fine grit large point polisher, 5/pack	High Gloss Polishing
	FPZF030-X	Orange fine grit disc polisher, 5/pack	High Gloss Polishing
	FPZF040-X	Orange fine grit cup polisher, 5/pack	High Gloss Polishing



Composi-Tight® 3D Fusion™

Composi-Tight® 3D Fusion™ System 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 super-strong separator rings over even the widest molars.

Composi-Tight® 3D Fusion™ forceps will work with virtually any ring from any manufacturer.

Ring placement forceps
FXP01 Improved heavy duty stainless steel ring placement forceps



Ring Placement Forceps

Holds all your sectional matrix system rings.



Ring Placement Forceps
AUMRDF-100



Universal Ring Placement Forceps
UNVF-100



Garrison
Dental Solutions

Composi-Tight® Matrix Forceps

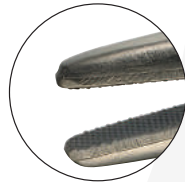
Precise Placement, Unbeatable Grip.

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.



Matrix Forceps

BFA-1 Angled tip for occlusal placement



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



Check out the GRIP!

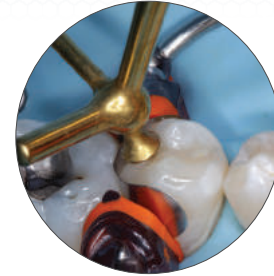
Effortlessly remove the matrix bands that otherwise would be a struggle.

Composite Instruments

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!



TN009,
Louis Mackenzie,
UK



TN008

5-in-1

Part No.
TN008

Description
5-in-1 Multi-Function Instrument
2 condensers, ball burnisher, blade, acorn



TN009

5-in-1

Part No.
TN009

Description
5-in-1 Multi-Function Instrument
2 blades, 2 condensers, acorn

- Large-diameter, lightweight handles for improved ergonomics.
- Provides non-stick surface for placement and shaping of composites.
- 40% harder than stainless steel for a non-porous, non-stick surface.
- Withstands diverse cleaning/sterilization methods, including ultrasonic cleaning.



*watch the video
of the technique*

General Safety Notes

Warnings:

- Composit-Tight® systems consists of small, sharp parts. Placement of rubber dam or other suitable isolation is advised prior to operative procedures. As with all intraoral instruments, care must be exercised to ensure stable handling and placement.
- Aspiration: If aspiration of matrix, wedge or retaining ring occurs, seek immediate medical attention.
- Ingestion: If accidental swallowing occurs, encourage patient to seek medical assistance to locate swallowed part. If nausea or illness develop, seek medical attention immediately.

For full sterilization instructions please go to:

www.garrisondental.com

www.garrisondental.com/cleaning-sterilization

Sterilization and cleaning instructions for **Composit-Tight®** 3D Fusion,™ 3D XR™ and 3D

Sterilization:

- Sterilize the product in the autoclave using only CE approved sterilization pouches.
- Only sterilize in autoclave. Run at cycle of 132 – 134°C and 210kPa for 6 minutes with a drying time of 20-30 minutes; please follow the manufacturer's instructions when doing so. Never exceed temperatures of 137°C.
- DO NOT use chemical sterilization processes.

Cleaning:

- Remove all visible residues prior to sterilization.
- To do this, use a nylon brush or a similar soft brush. Be careful not to damage the Soft-Face™ silicone during the cleaning process.
- If visible residues are still present, please repeat the above procedure.
- DO NOT use solutions containing chemicals such as alcohol, acetone, or ketone.

Garrison.

Dental Solutions

150 DeWitt Lane
49456 Spring Lake - MI
USA

Contactme@garrisondental.com

www.garrisondental.com



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