

# Victory Series™ Appliance System

## *Mastering The Art of Orthodontic Application*



The 3M Unitek Victory Series™ Appliance System began as the result of discussions with orthodontists who were users of the industry's leading orthodontic brackets. Our research and development engineers and marketing staff listened to each doctor's comments about important product features as well as areas for product improvement. Based on this extensive research, 3M Unitek has designed one of the most advanced, most completely integrated appliance systems in the orthodontic industry: the Victory Series Appliance System.

**3M** Unitek

*Products that make your life easier.*

# Victory Series™ Miniature Metal Bracket System

The Victory Series Miniature Metal Bracket System features high bond strength, easily readable



identification system and deep tie-wing undercuts for easy and secure ligation. For ease of use, the brackets have been designed with smoothly finished bicuspid tie-wings that are slightly extended and offset gingivally away from the tooth.



*The patented low profile hook and small ball are milled from a single piece of metal for increased patient comfort.*

An innovative pad design, incorporating an 80 gauge woven mesh bonding pad, matches up to the curvature of the tooth for maximum contact and strong, consistent bond strength. Research conducted and published by Howard University\* reveals shear bond strengths 40% to 50% higher for 80 gauge mesh vs. 100 gauge mesh on bicuspids with macro-filled resins.



*Each pad is 80 gauge woven mesh and yields a strong and consistent bond.*

Also available are gingivally offset bicuspid brackets. This unique pad design features a larger bonding base and radiused corners for better base-to-tooth adaptation, providing improved bond strength.

The Victory Series bracket system also makes use of torque-in-base design techniques to provide level slot line-up, and help avoid occlusion. A long axis scribe line is provided for accurate placement.



For easier identification, 3M Unitek has developed a color coding system for Victory Series brackets. Brackets are color-coded to correspond with a specific quadrant in the mouth, so you can quickly identify the bracket and location.



## Victory Series™ Low Profile Brackets

Victory Series™ Low Profile Brackets are the optimal size for patient comfort without compromising your clinical needs. They incorporate a low profile and reduced occlusal/gingival dimension, but also maintain the mesial-distal dimension of Victory Series brackets. Therefore, there is no compromise of the rotational control you need to achieve the clinical results you desire.



Ample under tie-wing area is maintained for ease of ligation. The micro-etched base has a unique rhomboid design with a flatter, compounded radius to accommodate variation in tooth surfaces and assure three-point contact for increased tooth adaptation.

\* S. Scott, E.M. Kudlick, & F.C. Eichmiller, thesis abstract 1992, Howard Univ. Coll. of Dentistry, Washington, D.C.

## Victory Series™ Micro-Etched Bands

Victory Series™ Micro-Etched Bands feature an inside surface band uniformly etched to create a higher retention bonding surface and provide significantly increased bonding strength over non-etched bands. Used with our Unitek™ Multi-Cure Glass Ionomer Orthodontic Band Cement, Victory Series micro-etched bands ensure greater band retention. You'll have fewer loose bands to reseat, which results in an overall increase in office productivity.



Available in multiple sizes and made from strong, seamless material that resists buckling, our Victory Series micro-etched bands feature proportional designs that provide broad buccal and lingual coverage. Bands are available in both regular and hard tempers to meet your unique treatment requirements. For superior band retention, there's simply no better solution than Victory Series micro-etched bands.

The Victory Series™ Narrow Contoured Molar Band has narrow occlusal/gingival dimensions for optimal application and unsurpassed band to tooth adaptation. You can also order them with or without our prewelded buccal tubes. Available without micro-etching.



## Victory Series™ Buccal Tubes

The Victory Series™ Appliance System features a full range of buccal tubes for your orthodontic treatment needs. You'll appreciate the strong construction, low-profile design and distal notch that secures tie-backs. Smooth, patient-friendly hooks improve comfort for your patients. The convertible tubes have a patented trouble-free cap that converts easily and consistently, every time.



Victory Series™ Funneled Buccal Tubes have a special wide-mouth entry way to make archwire insertion easy. They are also designed to reduce occlusal interference and are weldable and bondable. Victory Series funneled buccal tubes are ideal for use with the SmartClip™ Self-Ligating Appliance System, featuring a compatible prescription, adjustable low profile hook and contoured base design for superior fit and bond strength.



Choose Victory Series Buccal Tubes for a well-designed, reliable and predictable orthodontic solution with patient comfort in mind.



*The patented Unitek™ Buccal Tube cap removing pliers are designed for quick, smooth cap removal.*

*To peel the convertible cap away, close the pliers handles slowly and steadily, driving the slide bar tip into the archwire slot. The buccal tube is now a molar bracket.*

*For partial cap conversion, securely grasp the cap with utility pliers and rotate distally to break away the attachment.*

## Victory Series™ Molar Bonding Base

Now you can achieve a stronger, more consistent bond in every case with the Victory Series™ Molar Bonding Base. Look closely at its profile and you'll see a curved anatomical design for optimal tube-to-tooth fit and a buccal indent that naturally conforms to the surface of the molar, making it easier to correctly position the buccal tube in place.

The micro-etched 80 gauge mesh, along with the buccal indent and the correct anatomical fit, are designed for significantly increased bond strength and are available with APC™ Adhesive Coating. The buccal indent assists in more accurate tube positioning, a key advantage that can eliminate the need for time consuming archwire adjustments. And with the Victory Series molar bonding base, you shouldn't have to worry about tooth separation for band placement.

For added convenience, two different sizes accommodate a wide array of buccal attachments.



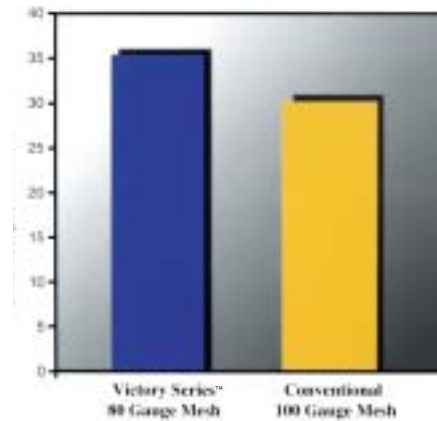
## The APC™ Adhesive Coated Appliance System

Victory Series brackets and buccal tubes are available pre-coated with adhesive using the innovative APC™ Adhesive Coated System for fast, reliable orthodontic bonding and less adhesive waste. With this preapplied adhesive, there's no mixing, fewer bond failures due to

**APC™ II**

**APC™ PLUS**

### Transbond™ XT Adhesive Bonding Comparison



improperly mixed adhesive and little flash clean-up. And unlike chemical cured adhesives that give you a short window of opportunity for bracket positioning, APC System technology provides you with additional positioning time because the adhesive is not set until it's light-cured.

**3M**

**3M Unitek  
Orthodontic Products**

2724 South Peck Road  
Monrovia, CA 91016 USA  
www.3MUnitek.com

In U.S. and Puerto Rico: 1-800-423-4588 • 626-574-4000  
In Canada: 1-800-443-1661  
Technical Helpline: 1-800-265-1943 • 626-574-4577  
CE Hotline: 1-800-852-1990 x 4649 • 626-574-4649  
Outside these areas, contact your local representative.



Printed on 50% recycled  
waste paper, including 10%  
post-consumer waste paper.

©1998 - 2006 3M Company.  
All rights reserved.  
016-872-2 0603