

3M Science.
Applied to Life.™

Victory Series™
Bands and Buccal Tubes
Family Brochure

Your expertise powered by innovation.

When you choose 3M molar appliances, you choose quality solutions designed for consistent, reliable performance. Since introducing the first seamless bands over 60 years ago, which have become an industry standard, we've been your partner and a leader in providing innovative, quality molar appliances in orthodontics.

3M Bands, Buccal Tubes & Attachments: A robust offering to meet your needs



Bands

- › Micro-etching on the inner surfaces of the band.
- › High treatment flexibility thanks to a choice between:
 - Standard and narrow contoured bands.
 - Regular and hard tempered metal band.
- › Optimum band retention with the 3M chemical cure glass ionomer band cement or the 3M™ Transbond™ Plus Light Cure Band Adhesive.
- › The wedged fit of the band facilitates the correct placement of the band and requires less interproximal space.
- › Permanent laser ID marking.



Buccal Tubes

- › High stability of the buccal tube hooks & excellent slot precision due to the metal injection molding process.
- › Large selection of weldable and bondable buccal tubes.
- › Easier insertion of the archwire due to the funneled opening of the buccal tube.
- › Distal notch for a secure hold of tie backs or other aids.
- › Low-profile design for increased patient comfort.
- › Large selection of torque and angulation options, including 3M™ MBT™ Versatile + Appliance system.



Attachments

- › Simple palatal insertion of the archwire thanks to streamlined lingual sheaths with two-point contacts.
- › Many designs available with or without mesial/distal hooks; with solid or slotted tube; with or without distal latching indent.
- › Attachments with mesial/distal welded flanges and narrow occlusal/gingival dimensions for optimal adaptation to bands.

Experience and innovation, you can count on.

We have been partnering with orthodontists to develop our portfolio of leading-edge orthodontic solutions for more than 70 years. Whether it is the introduction of the the first Nitinol archwire, the 3M™ APC™ Adhesive precoated brackets & tubes, fully esthetic 3M™ Clarity™ Ceramic Brackets, 3M™ SmartClip™ SL3 Self-Ligating brackets or our bands and buccal tubes – we are committed to meeting the daily demands of your practice.

3M: Experience & Innovation

3M has been providing excellent customer service and continuous innovations to orthodontists for more than 70 years. Today, 3M offers more than 14,000 products worldwide, including numerous groundbreaking orthodontic solutions.

Whether it is the introduction of the first Nitinol archwire, the precoated, 3M™ APC™ adhesive coated brackets & tubes, innovative aesthetic 3M™ Clarity™

Advanced Brackets, the efficient technology of 3M™ Smartclip™ SL3 Self-Ligating brackets or our bands and buccal tubes – our solutions are groundbreaking with regard to fulfilling every specific need of daily practice.

The band portfolio is rounded off by a selection of various attachments, which optimally support any customized treatment scenario.



Innovative solutions

Bonding of the buccal tubes has never been easier or more efficient for the orthodontist than with the unique APC System, in which the base of the buccal tube is precoated with a light-cure adhesive. No application or mixing of the adhesive required! This reduces the number of steps and possible errors during the bonding procedure, while at the same time providing a comfortable and hygienic positioning of the buccal tubes. With 3M™ APC™ Flash-Free Adhesive, the latest evolution in our APC Adhesive System, you can even eliminate the removal of flash (adhesive remnants) after light curing.



Top quality

Production of the buccal tubes with the metal injection molding process for dimension consistency and rounded surfaces. An innovative welding process, using the latest technology, is employed to preweld the buccal tubes or attachments to 3M bands to ensure precise, reliable welds. Therefore, the process is designed to avoid weak welds.



Maximum flexibility

Large selection of weldable and bondable buccal tubes

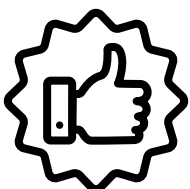
The wide variety of weldable and bondable buccal tubes and attachments by 3M allow for flexible treatment.

Large number of torque options

We offer a wide range of torque and angulation options for more effective and more precise treatment. 3M™ MBT™ Versatile + Appliance System is also available. This prescription provides a systemized approach to treatment, one that incorporates time-tested innovation and experience and the development of new methods and technologies.

3M™ Forsus™ Class II Correctors compatibility

There is a wide range of buccal tubes available that are compatible with the 3M™ Forsus™ Fatigue Resistant Device EZ2 Module.



Reliable service

- › Fast delivery times & high product availability.
- › Band storage containers available for individually welded bands.
- › Innovative welding process for strong bonding of band and buccal tube or attachment.

3M™ Victory Series™ Bands

Permanent Laser ID marking

for easy identification

Micro-etched inner surfaces

for maximum retention

Standard or Narrow Contoured band

for maximum reliability

Straight interproximal walls

for reduced separation

Anatomical fit on the teeth

for high placement comfort

Optimal customized welding

of buccal tube or attachment possible

Soft or hard tempered metal band

for high flexibility



- › Bands are available in either regular or hard tempered metal
- › Available as standard or narrow contoured band

- › High placement comfort
- › Band kits available with variety of sizes

The Victory Series bands achieve maximum retention thanks to their micro-etched inner surfaces. Furthermore, the bands are contoured with maximum reliability, while the straight interproximal walls reduce separation.

Permanent laser ID marking makes identification of the band easy at all times. Individual treatment is promoted by the choice between a hard and

soft tempered metal band. The anatomic form facilitates the correct placement of the band.

The micro-etched inner surfaces of Victory Series Bands are manufactured in one piece from resilient material. They have a wide range of dimensions for each tooth and cover the tooth well on both the buccal and lingual side.

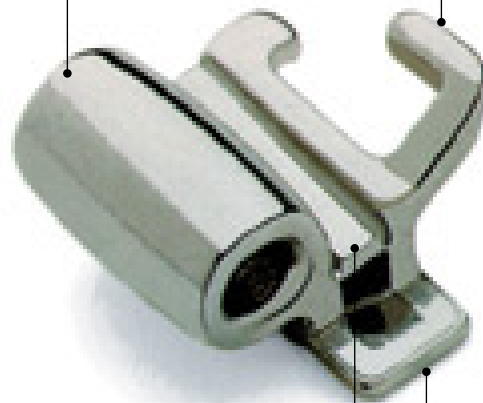
3M™ Victory Series™ Buccal Tubes

Funneled, radiused tube opening

for easy archwire insertion

Stable hook

for more diversity and patient comfort thanks to its production using the metal injection moulding process and short, flat design



Convertible cap optionally available

constructed in one piece with the buccal tube for more flexibility and comfort

Reduced occlusal/gingival height

for increased patient comfort

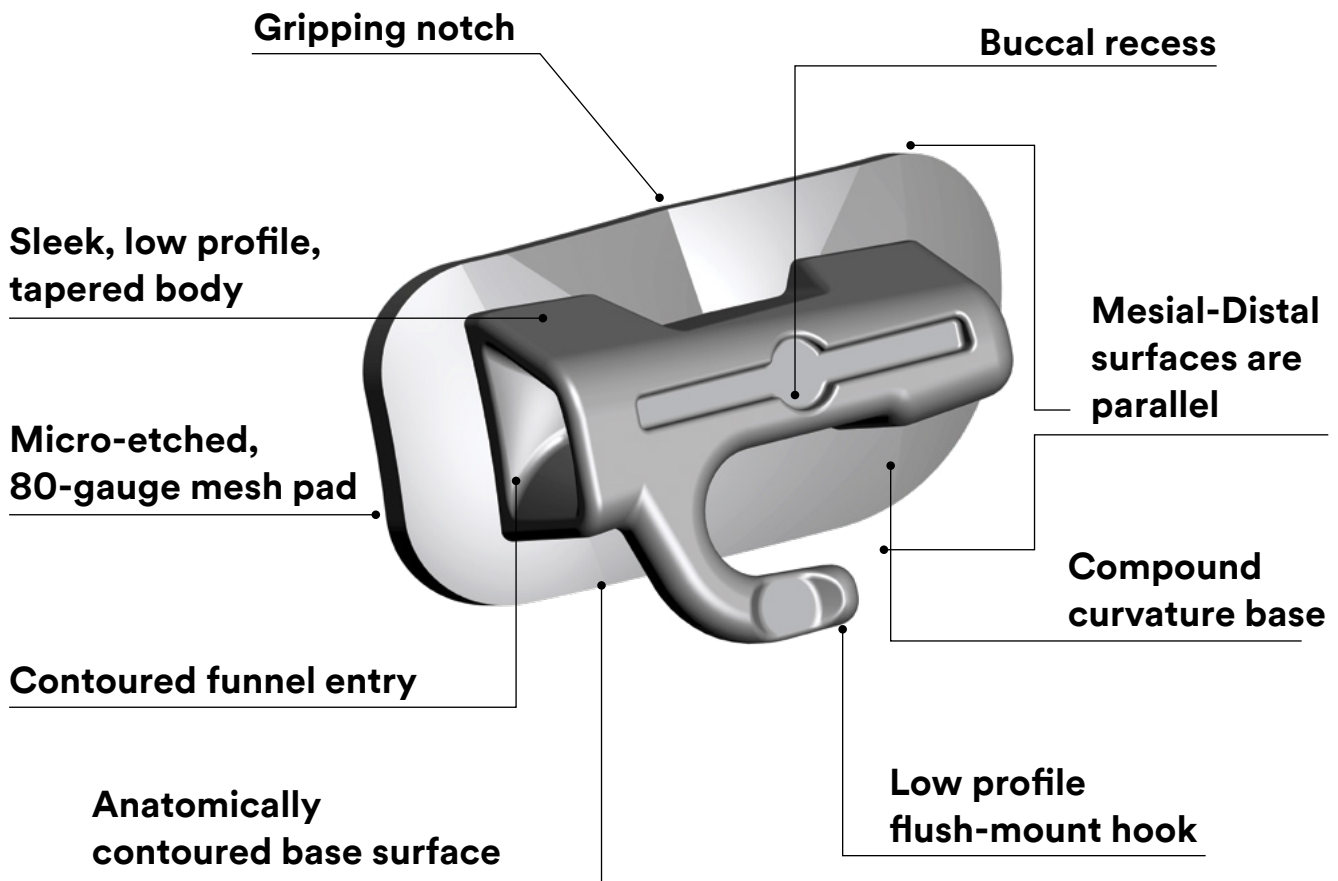
- › High patient comfort
- › .018 and .022 Slot
- › Multiple prescriptions available, including 3M™ MBT™ Versatile+ Appliance System
- Reliable & predictable

- › Funneled and radiused entries
- › Convertible caps available

Our compact, technically advanced Victory Serie Buccal Tubes include a trouble-free integral convertible cap that converts easily and consistently, every time. All you have to do is lift and peel. This exclusive cap also offers solid, one piece construction, eliminating the possibility of braze or solder materials that can leave a residue in the archwire slot.

Victory Series Buccal Tubes are designed with funneled and radiused entries on both the headgear tube and archwire slot, resulting in easy archwire insertion. Smooth, patient-friendly hooks improve comfort for your patients. You'll also appreciate the strong construction, low-profile design and distal notch that secures tie backs.

3M™ Victory Series™ Superior Fit Buccal Tubes



- › Available with 3M™ APC™ Flash-Free Adhesive Coated Appliance System
- › .018 and .022 Slot

- › First and Second Molar
- › 3M™ MBT™ Versatile Appliance System and Roth Prescription

Designed with extensive user input, Victory Series™ Superior Fit Buccal Tubes take advantage of modern computer design tools to offer performance enhancements you can both see and feel when you place them.

Well thought-out features improve gripping, handling and visual cues during placement. A large compound-contour base results in improved ease of tube positioning. Inside,

Victory Series Superior Fit Buccal Tubes feature an exclusive “contoured funnel” design for easy wire insertion, designed to eliminate sharp corners and edges that contribute to binding and notching of the archwire. A low profile flush-mount hook and sleek tapered body add to patient comfort, and available APC Flash-Free Adhesive pre-coating make Victory Series Superior Fit Buccal Tubes an ideal choice.

3M™ Victory Series™ Second Molar Mini Tubes

**Compound contoured,
micro-etched bonding base**

**Ideal for partially
erupted second molars**



Radiused hook



Seating notch



Funneled entry way

**Mesial extension
of the base for optimal
bond strength**

> Partly available with 3M™ APC™
Flash-Free Adhesive
Coated Appliance System

> 3M™ MBT™ Versatile Appliance System and
Roth Prescription
> .018 and .022 Slot

The Victory Series Second Molar Mini Tube is an ideal solution for dealing with partially erupted second molars. These tubes have a mesially-extended, compound contoured,

micro-etched bonding base that allows for superior fit and bond strength. No other mini tube offers 3M's combination of advanced hook design, precise base fit, and seating notch.

3M™ APC™ Adhesive Coated Appliance System



3M™ APC™ Flash-Free Adhesive

Eliminates the flash removal step

- › Saves bonding time for doctor, staff and patient
- › Less than 2% bracket/bondable tube bond failure rate
- › Protects enamel under the adhesive
- › Makes debonding and adhesive remnant clean-up easier
- › Improves patient bonding/debonding experience



3M™ APC™ II Adhesive

No mixing, no application, no opportunity to contaminate the base

- › Fewer steps. Fewer bonding variables. Increased productivity
- › Available with many 3M appliances

- › Less bonding time
- › Available on 3M bondable tubes and brackets

- › Hygienic storage
- › Convenient APC Inventory storage system available

3M has set the standard in orthodontic bonding efficiency with the APC Adhesive Coated Appliance System, providing fast and reliable bonding and fewer steps than traditional bonding systems. 3M Innovation delivers a game changer in orthodontic bonding – with APC Flash-Free Adhesive.

The APC System features individually sealed blisters for protection against contamination and assurance of single use. It also offers a convenient inventory and dispensing system. Our APC technology is available on brackets and bondable tubes.

The APC II Adhesive Coated Appliance System immediately increases office efficiency by eliminating messy adhesive mixing and bracket/bondable tube application – no wasted time getting to chairside.

Using advanced adhesive technology, APC Flash-Free Adhesive lets you move directly from bracket/bondable tube placement to light cure without removing adhesive flash – no clean-up! For doctors, staff and patients, the additional convenience and time savings can be an enormous benefit.

3M™ Forsus™ Class II Correctors

Choice between EZ2 and L-Pin module

for high flexibility

Designed to be gentle to the cheeks

and individually adaptable for high wearing comfort

L-Pin system

- › Individually adjustable
- › Universally springs
- › No laboratory work required



Telescopic spring

- › Enables wide jaw opening
- › Hygienic, open system

Firm intraoral appliance

- › No patient compliance necessary



Wire Mount system

for use of Forsus without the need of molar bands

EZ2 Clip System

- › Quick installation thanks to the clip
- › No laboratory work required
- › Springs for left and right



Continuous release of force

during the entire treatment period

- › No patient compliance necessary
- › Reliable and uniform distribution of force
- › Simple installation

- › High wearing comfort
- › Good oral hygiene

There are no simple orthodontic solutions for treating Class II cases. Despite that, Forsus™ has proven itself effective for Class II corrections for over ten years and in more than one million cases.

The appliance is completely integrated in only one session as it is simply attached to the upper molar buccal tube and to the lower archwire.

This produces a mesially directed force on the lower dental arch and a distally directed force on the upper dental arch. Constant forces ensure a reliable treatment outcome. Further advantages: the appliance has a long lifetime – the outcome is independent of patient compliance.



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