

3M Science.
Applied to Life.™

3M™ APC™ Flash-Free Adhesive
Coated Appliance System

**Simply a better
way to bond.**





An idea anyone could think of. But only we could make.

For many orthodontists, traditional flash removal has been a necessary evil. As orthodontic bonding procedures evolve, there are new ways to enhance practice efficiencies while also improving patient satisfaction.

At 3M, we think it's time to leave flash behind. We used proven 3M technologies to develop 3M™ APC™ Flash-Free Adhesive Coated Appliance System – the most efficient bonding system in orthodontics. Our innovative design creates a superb adhesive bonding substrate on the base of each bracket.



Proven 3M technologies. Superior performance.

Powered by 3M science, APC Flash-Free Adhesive leverages several of the highly advanced 3M Technology Platforms such as nanotechnology, adhesives and nonwoven materials to create the innovative design of the APC Flash-Free.



Adhesive bonding substrate

With the APC Flash-Free Adhesive there is minimal bracket drift after initial placement.¹ This is due to its adhesive bond that's built with nonwoven materials. A web of micron-sized polypropylene fibers provide the necessary thickness and loft needed for a reliable bond.²

Shear bond strength

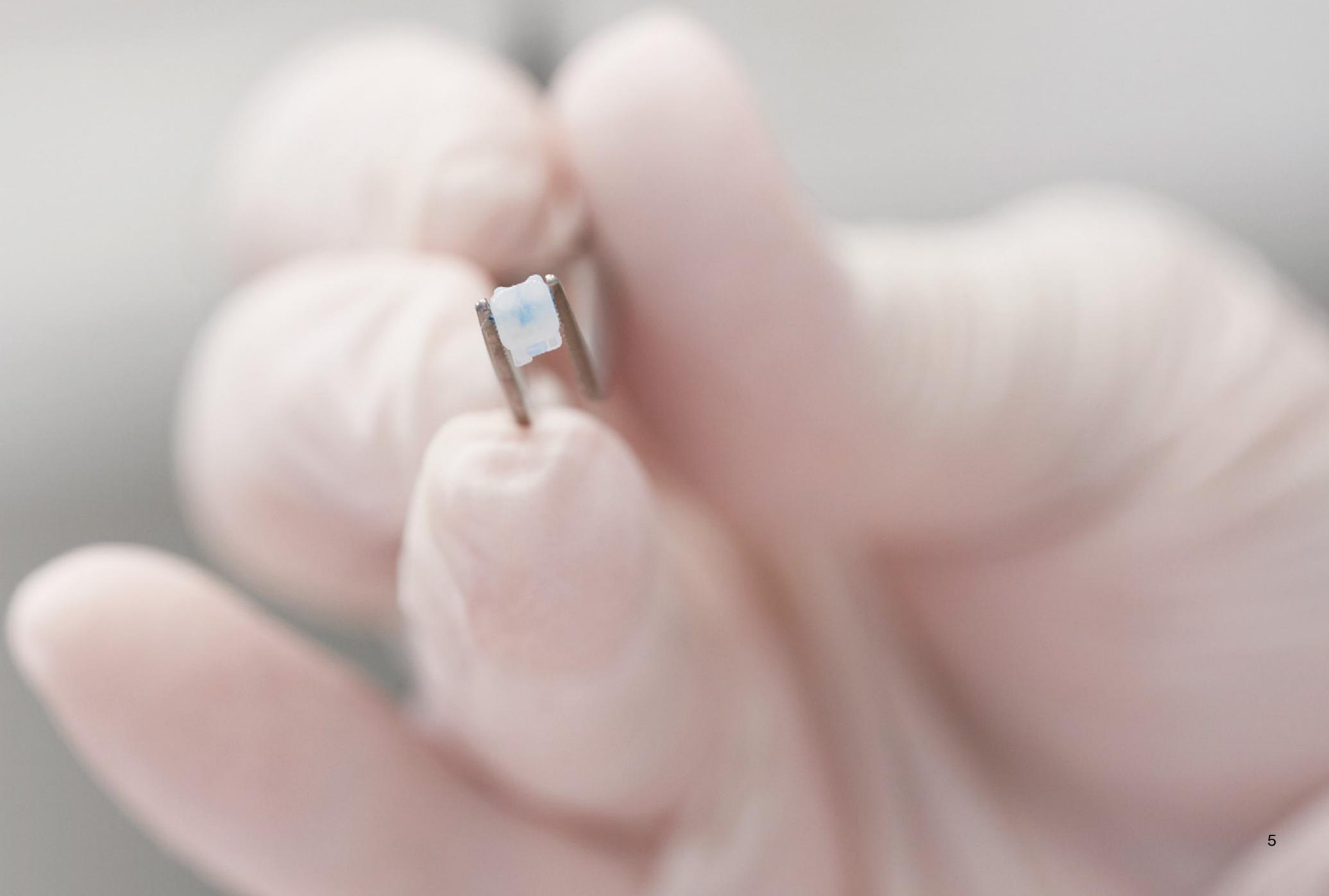
Orthodontic appliances bonded using APC Flash-Free Adhesive have reliable bond strength similar to bonding with 3M™ Transbond™ XT Adhesive or 3M™ APC™ II Adhesive.¹

Smooth, even and hygienic seal

When compressed on the tooth, the resin exudes and forms a protective meniscus around the edges of the bonding base. The meniscus minimises gaps between the edges of the bonding base and the tooth surface.

1. 3M data on file.
2. Results from 3M study 2013 -S10659 for direct bonding of brackets.





Have time on your side.

Your Challenge

Bracket bonding with traditional light-cure adhesive systems is time intensive.

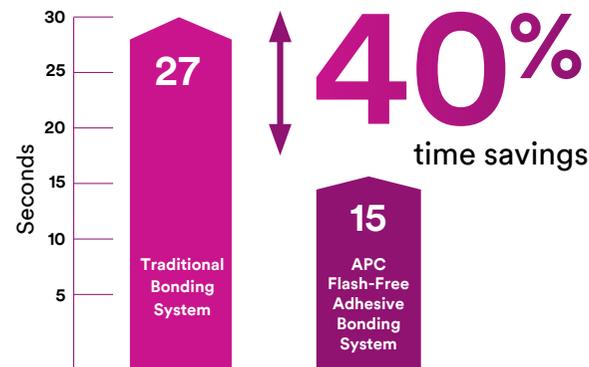
3M Solution

APC Flash-Free Adhesive Coated Appliance System has shown a 40% reduction in the time required for bracket placement, positioning, and clean-up vs. other bonding systems.¹



One practice reduced the time of their bonding appointments from 90 to 70 minutes while using 3M APC Flash-Free Adhesives – giving them an additional 60-80 minutes per day to use for an additional bonding appointment or appliance deliveries.²

Average Bonding Time per Bracket¹



Bonding time consists of placing, positioning bracket and cleaning flash.

1. 3M data on file.
2. Results from 3M study 2013 -S10659 for direct bonding of brackets.

Built to last.

Your challenge

Traditional bonding systems have a high degree of variability, which can lead to bond failure.

3M Solution

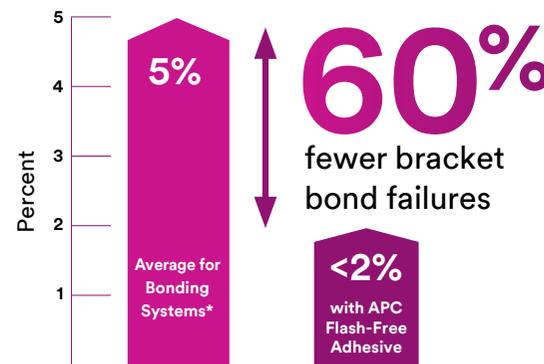
APC Flash-Free Adhesive coated brackets have shown an average bond failure rate of less than 2%.¹

1. 3M data on file.



APC Flash-Free coated brackets have lower failure rates than traditional bonding systems. Failure rates can decrease patient satisfaction and cause potential harm to your practice's reputation. Not to mention the scheduling nightmares caused by emergency appointments.

Average Bracket Bond Failure Rate*



*JCO bond failure rate – 5% avg. bond failure rate for labial bonding from 2014 report, p. 617.

Bye-bye flash.

Your challenge

Improperly removed flash may allow bacteria to accumulate.

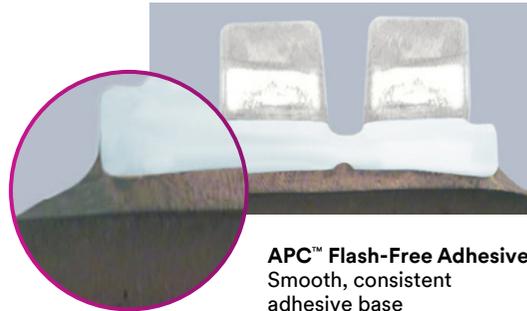
3M Solution

3M developed a superb adhesive bonding substrate for the base of each bracket, eliminating issues associated with flash.

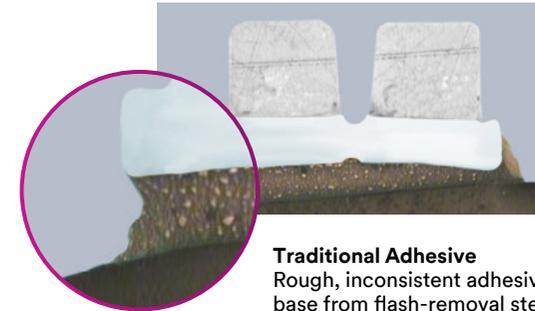


Flash can cause a myriad of issues. For example, if not cleared away properly, it can cause bacteria to accumulate. Additionally, if too much flash is cleared, it can create voids under the bracket where plaque can accumulate.

But when an APC Flash-Free Adhesive Coated Appliance is seated in place on a tooth, the compressible mat lets the resin seep out to fill the space between the appliance bonding base and the tooth – eliminating flash-related concerns.



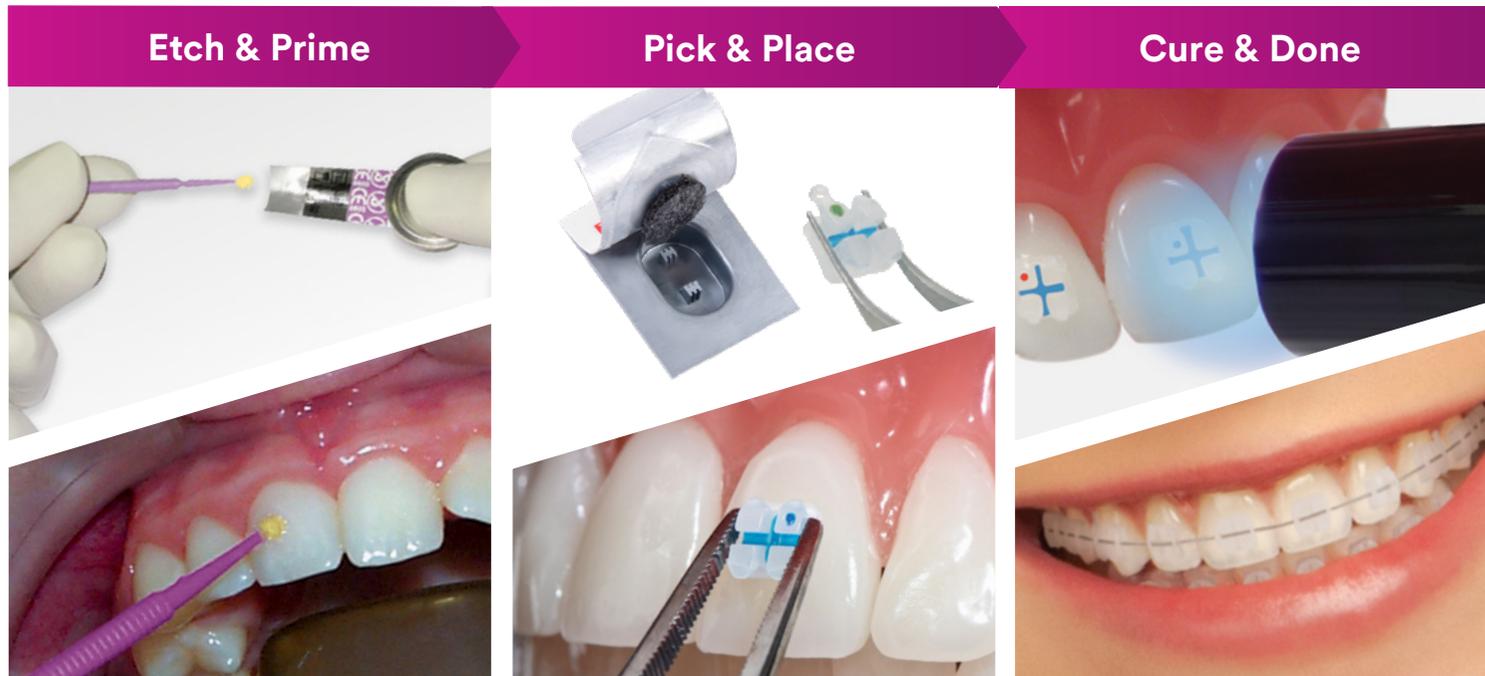
APC™ Flash-Free Adhesive
Smooth, consistent adhesive base



Traditional Adhesive
Rough, inconsistent adhesive base from flash-removal step

Simply a better way to bond.

The Flash-Free Adhesive bonding process



A family that bonds together, stays together.

APC Flash-Free Adhesive is available on five appliance choices for complete 7×7 bonding and is compatible with both metal and ceramic brackets.



**3M™ Clarity™ Ultra
Self-Ligating Brackets**



**3M™ Clarity™ Advanced
Ceramic Brackets**



**3M™ Victory Series™
Low Profile Brackets**



**3M™ Victory Series™
Superior Fit Buccal Tubes**

Complementary orthodontic solutions



**3M™ Transbond™ Plus
Self Etching Primer**



**3M™ Ortholux™ Luminous
Curing Light**

Office solutions that fit your needs.



Flexible ordering

Ordering is made easy through a convenient ready-to-dispense case kit, 5-pack boxes, including individually sealed single-use blister packs are easily identified by bracket type and are coded for traceability.

Chair side convenience

To help make your job easier, we offer a set-up tray for efficient delivery at the chair side. Brackets with adhesive are correctly oriented for easy pick up and placement.

Efficient storage

Order a wall-mounted storage unit or inventory dispensing drawers.

For more information, visit
3M.com.au/APCFF
or
3M.co.nz/APCFF
or contact your 3M Representative today.



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