

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 is 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 use 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 unique adhesive bonding substrate on the base of each bracket. And our brackets are individually sealed, preventing cross-contamination and assuring your patients' peace of mind.



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

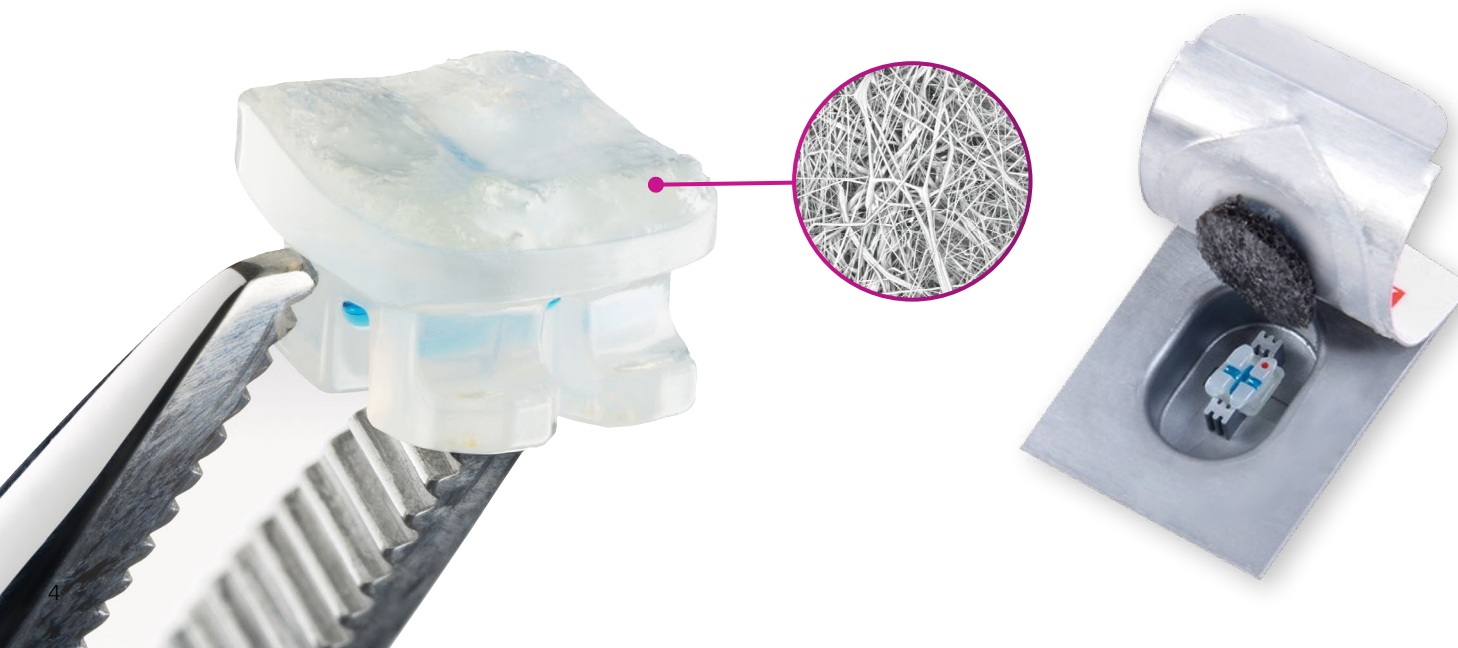
Orthodontic appliances bonded using APC Flash-Free Adhesive have reliable bond strength similar to bonding with 3M™ Transbond™ XT Adhesive or 3M™ APC™ II Adhesive.¹

Smooth and even protection

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

Individually sealed blister packs

3M orthodontic solutions offer a variety of single-sealed technologies to prevent the risk of cross-contamination and assure patients that their protection is top of mind. With tamper-evident blister packs, it's easy to inspire confidence.





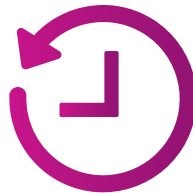
Have time on your side.

Your Challenge

Bracket bonding with traditional light-cure adhesive systems is time-intensive, and patients are anxious about the time they spend in a clinical setting.

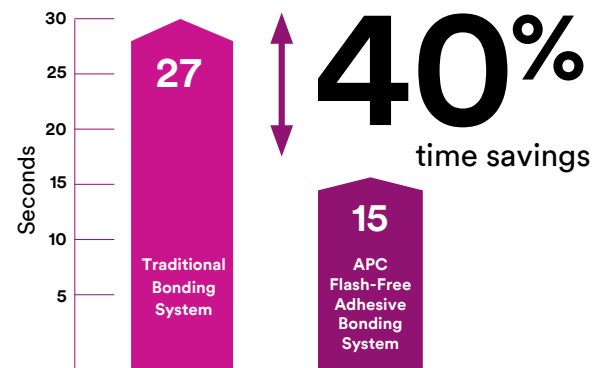
3M Solution

APC Flash-Free Adhesive Coated Appliance System has shown a 40 percent 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.

Built to last.

Your Challenge

Traditional bonding systems have a high degree of variability, which can lead to bond failure and increase the amount of emergency visits for patients.

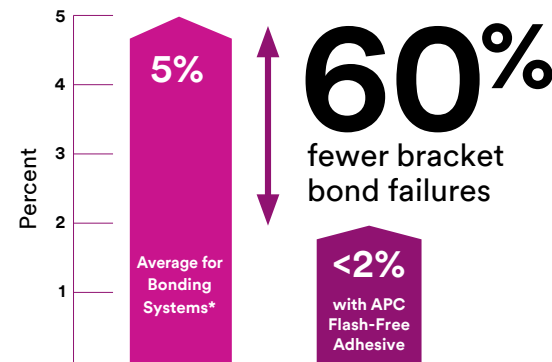
3M Solution

APC Flash-Free Adhesive coated brackets have shown an average bracket bond failure rate of less than 2%.³



APC Flash-Free coated brackets have lower failure rates than traditional bonding systems. Failure rates can decrease patient satisfaction, increase their apprehension 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.

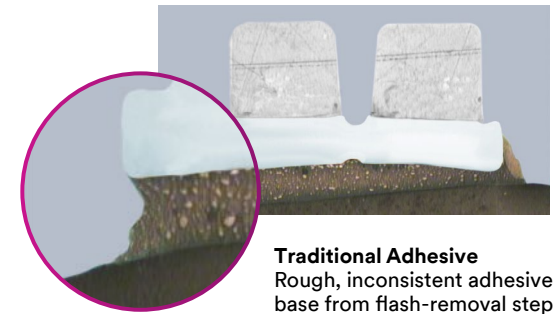
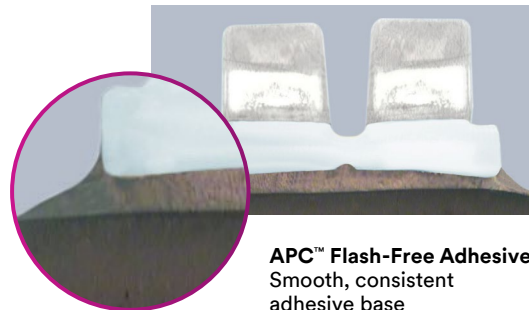
3M Solution

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



Flash can cause a myriad of issues. If not cleared away properly, flash can cause bacteria to accumulate. Alternatively, 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.

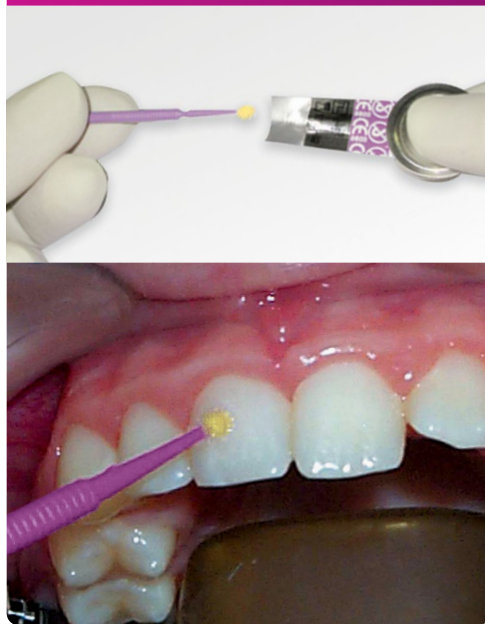


Simply a better way to bond.

The Flash-Free adhesive bonding process

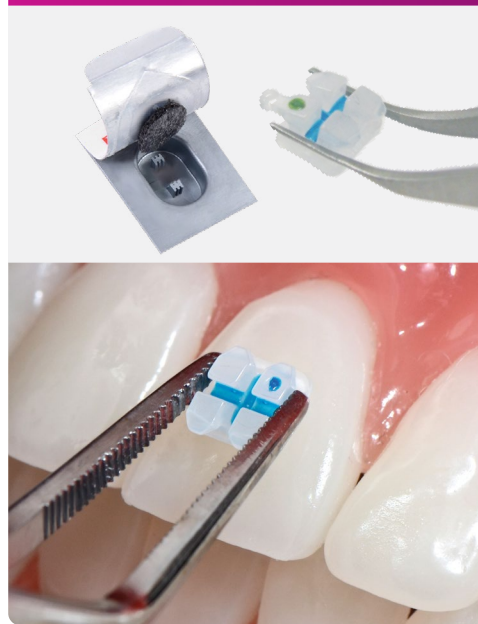
1

Etch & Prime



2

Pick & Place



3

Cure & Done



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™ SmartClip™ SL3
Self-Ligating 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.

Packaged for Protection

Tamper-evident reduce the risk of cross-contamination, inspiring even more confidence in your practice.

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



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SOURCES

1. 3M data on file.
2. Results from 3M study 2013 -S10659 for direct bonding of brackets.
3. Within 90 days. 3M data on file.

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