

3M™ Digital Bonding: a streamlined process.

The Digital Bonding system allows for customised treatment planning in the 3M™ Oral Care Portal and a streamlined bonding process featuring brackets pre-coated with our 3M™ APC™ Flash-Free Adhesive. The steps are simple:



1

Scan

Upload any high-resolution STL files to the Oral Care Portal.



2

Plan

Create, revise and approve the perfect treatment plan for your patient, all in one seamless workflow.



3

Produce

3M will manufacture and send a custom bonding tray.



4

Load

Place the brackets in the trays and store in provided light tight box until bonding appointment (up to 4 days).



5

Bond

Perform the bonding procedure.

Traditional challenges meet state-of-the-art solutions.

Common bonding challenges

Difficulty in treatment planning and accurate placement with models.

Variable process with multiple steps in bonding/ bonding one by one.

Flash cleanup adding time and difficulty.

The state-of-the-art

Seamless software for precise analysis and bracket positioning creates greater time savings and efficiencies.

Fewer bonding steps and simultaneous bonding up to full arch.

APC Flash-Free eliminates the need for adhesive flash clean-up.

Revolutionise your bonding.



Bonding is undergoing a revolution. And while the current system of manually adding adhesive to a bracket works fine, the 3M™ APC™ Flash-Free Adhesive Coated Appliance System works even better—and faster. The system's next generation, resin-soaked nonwoven mats adhere to the enamel for a more reliable bond that also eliminates the process of flash removal. It's an idea anyone could think of, but only we could make.

Available on:

3M™ Clarity™ Advanced Ceramic Brackets

3M™ Victory Series™ Low Profile Brackets

3M™ Victory Series™ Superior Fit Buccal Tubes



Average bracket bond failure rate less than

2%

*within the first 90 days of bonding



The average bond failure rate for APC Flash-Free Adhesive coated brackets is

60%

lower than industry average

labial bond failure rate.²



Eliminates the need for adhesive flash clean-up.¹



Forms a smooth meniscus

when the adhesive coated bracket is seated, which seals the tooth surface around the edges of the bracket.¹



Fewer bonding steps

The APC Flash-Free Adhesive requires fewer overall bonding steps than traditional light-cure adhesive systems, which reduces bonding time.¹



Time savings

According to feedback from early users, brackets coated with APC Flash-Free Adhesive provide a significant time savings by eliminating the need to apply paste to the bracket and clean up flash.¹



Adhesive remnant removal after debonding 3M™ Clarity™ Advanced Ceramic Brackets with APC Flash-Free Adhesive is up to

24%

faster than traditional adhesive removal.¹



70%

of orthodontists prefer

the debonding and adhesive remnant clean-up of APC Flash-Free Adhesive when compared to another orthodontic adhesive, in a University study.³

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

3M

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1. 3M data on file.

2. Industry average labial bond failure rate from 2014 JCO Study of Orthodontic Diagnosis and Treatment Procedures.

3. Per 3M sponsored in-vitro university study with 20 orthodontists.