

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%¹

*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.

1. 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.