



JINGYIN
京吟生物

Periodontal Adhesive



Periodontal Adhesive

- Flexible yet durable, capable of accommodating chewing displacements.
- Direct bonding without fiber strips.
- Instant curing, time-saving.
- Dense surface, resistant to water absorption and discoloration.



Periodontal Adhesive

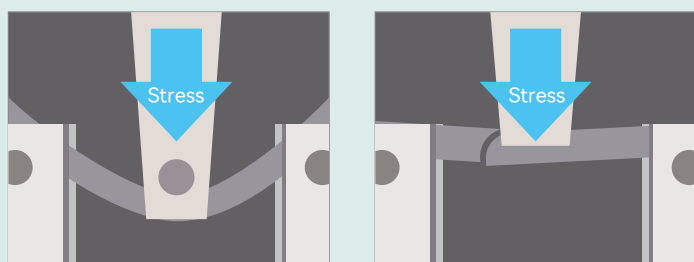
Simplified procedure to reduce treatment time:

Single-component, one-step bonding fixation. Creates a stable union between mobile and adjacent teeth.

Strong adhesion:

The adhesive forms a unified stable bond with enamel, ideal for securing mildly to moderately mobile teeth (Grade I°-II°). The tooth-to-adjacent spacing must be ≤ 1 mm.

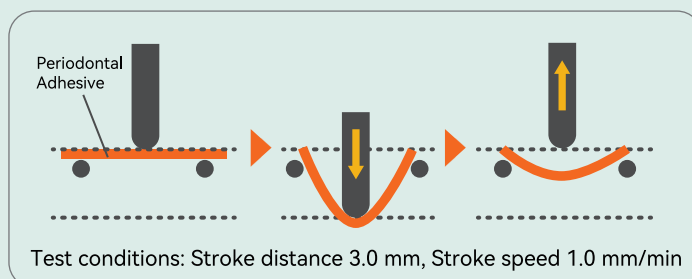
Three-point Bending Test



Our Product (Left) vs. Standard Composite Resin (Right)

Maximum flexural strength : ≤ 15 MPa

Cyclic Bending Test



Cyclic Bending Test Results:

Periodontal Adhesive	Over 40 cycles
Standard Composite Resin	Single fracture

Clinical Procedure

0 Clean the tooth surface with a toothbrush and rinse thoroughly.

For loose teeth, such as splinting mobile teeth before periodontal surgery.

1 Etch the adjacent tooth surfaces and crown with 37% phosphoric acid for 30 seconds.

※If the etched surface does not turn chalky white, re-etch.

2 Rinse thoroughly with water and dry with a three-way syringe.

3 Dispense the primer into a dappen dish. Apply with cotton pellet to chalky-white enamel. Rub for 5 seconds.

4 Light-cure 5 seconds.

5 Attach a microbrush and apply adhesive.

6 Cure with a light-curing unit for 20-30 seconds

※10-15 seconds per side for labial and lingual surfaces

7 Wipe with an alcohol swab or polish with a polishing cup.

The polishing cup is attached to the dental handpiece