The strength and durability of BeautiBond have been validated through in vitro studies and multi-rater clinical studies as well as ISO and FDA conformance. BeautiBond continues to deliver outstanding results in our clinical trials in both aesthetic and restorative settings. Latest generation, half head light strength was not significantly improved even with the addition of phosphonic acid activating oligomers. The phosphonic and carboxylic acid monomers in BeautiBond provide wettability and ionomer penetration into the surface of hard tissue.

- High strength and bond strength was achieved with BeautiBond despite less aggressive etching
- Comparative head-to-head study showed 8% sensitivity and 90.7% interior rate, with half the failure rate of Vt²
- Vs. IV3000
- Easily high shear bond strength to both enamel and restorative materials like Z-100 – one coat, no agitation, no etch, no stuck, no stuck and no suppression – cannot be easier!

With half the failure rate of Xeno IV, BeautiBond is the ideal choice for all composite restorations. BeautiBond is a registered trademark of Shofu Dental Corp. A3/H. Fukuine, Higashiyama-ku, Fukuoka 812-8589, Japan

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BeautiBond

References

Super-Snap®

Super-Snap® is a rubber dam designed for easy, fast and safe isolation, blocking and unlocking without need to re-line gingiva.

NEW! Super-Snap X-Treme™

Super-Snap® X-Treme publishing doctors agree: Push button, tactile feel and durability. New 3D coating provides high gloss results.

OneGloss® PS

OneGloss® PS is an aluminum oxide one-step finisher. OneGloss® PS gives you...
**NEW! Super-Snap X-Treme™**

Super-Snap X-Treme polishing disks offer greater flexibility, tactile feel and durability. New 3D coating provides high gloss results.

**OneGloss® PS**

OneGloss® PS is an aluminum oxide one-step finisher and polisher that provides the ideal finish for all types of restorations. It offers a tactile feel and durability. New 3D coating provides high gloss results.

**BEAUTIFIL Flow Plus®**

The original, flexible, emerging hybrid nanocomposite designed to provide optimal flow and handling. Ideal for a base or liner to help prevent proximal recurrence.

- Two distinct consistencies, fill and F1, to avoid the same aesthetics of physical properties, particle size, and film thickness.
- High compressive strength (330 MPa) and flexural strength (111 MPa).
- Base/liner under composite.
- Self-leveling feature increases cavity adaptation.
- Exceptional marginal seal.
- Superior handling—easy sculpting without slumping or sticking.
- High level of radiopacity.
- Natural fluorescence.
- Sustained fluoride release and recharge.
- Exceptional marginal seal.
- Exceptional marginal seal.
- Fast and easy polishing creates outstanding surface luster that remains Awesome!

**BEAUTIFIL-Bulk Restorative**

Beautifil-Bulk Restorative is a conventional packable composite rest indicated for direct posterior restorations including the occlusal surface and proximal margins. With improved handling, durability, and a non-slumping consistency, restorations have never been easier.

- Shade stability before and after light curing. Fully polymerized at 4 mm depth of cure.
- High fill ratio at 87.0wt%.
- Excellent condensability and sculptability.
- Easy application before and after light curing.
- Full elimination of reworking and manipulation after light curing.
Super-Snap®
Super-Snap® is designed for easy, fast and safe contouring, polishing and equilibration without a need for low viscosity polishing pastes.

NEW! Super-Snap X-Treme™
Super-Snap X-Treme polishing disks offer greater flexibility, tactile feel and durability. New 3D coating provides high gloss results.

OneGloss® PS
OneGloss PS is a one-step finisher that provides a highly polished, smooth and durable surface. It is compatible with a wide range of materials and can be used on natural teeth, porcelain, and composite restorations.

OneGloss® PS
OneGloss® PS is designed to provide optical finish and polishing. It can be used on natural teeth, porcelain, and composite restorations to achieve a high-gloss, smooth finish.

BEAUTIFIL Flow Plus®
BEAUTIFIL Flow Plus is the next evolution of restorative materials, combining the delivery of a flowable and the strength, aesthetics, and aesthetics of a hybrid material. BEAUTIFIL Flow Plus is approved for every classification—including the aesthetic surface and proximal margins. With improved handling, adaptability, and a non-sticky consistency, posterior restorations have never been easier.

BEAUTIFIL® II
BEAUTIFIL® II is the next step in the evolution of restorative materials, combining aesthetics, physical properties, particle size, and filler load.

Super-Snap X-Treme polishing disks offer greater flexibility, tactile feel and durability. New 3D coating provides high gloss results.

OneGloss® PS
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1. University of Florida study. 3104 Clinical Evalutation of a Giomer Restorative System: Thirteen-Year Recall. V.V. Gordan, DDS, MS; P.K. Blaser; R.E. Watson, DDS, MAE; L. Sensi; D. McEdward, J.L. Riley III; I.A. Mjör, BDS, MSD, MS, Dr.odont. IADR General Session, March 2013

### Table: Bond Strength After Thermocycling

<table>
<thead>
<tr>
<th>Adhesive</th>
<th>Tensile Bond Strength of Resin to Tooth (%)</th>
<th>Shear Bond Strength of Resin to Tooth (Mpa)</th>
<th>Flexural Strength of Resin (Mpa)</th>
<th>Fillet Strength of Resin to Tooth (%)</th>
<th>Open M: Cavity Reflection (%)</th>
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</thead>
<tbody>
<tr>
<td>Se3</td>
<td>90</td>
<td>80</td>
<td>120</td>
<td>90</td>
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<td>Be2</td>
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<td>50</td>
<td>90</td>
<td>60</td>
<td>50</td>
</tr>
</tbody>
</table>

**References**

- Adapted from: University of Florida study. 3104 Clinical Evalutation of a Giomer Restorative System: Thirteen-Year Recall. V.V. Gordan, DDS, MS; P.K. Blaser; R.E. Watson, DDS, MAE; L. Sensi; D. McEdward, J.L. Riley III; I.A. Mjör, BDS, MSD, MS, Dr.odont. IADR General Session, March 2013.
The strength and durability of BeautiBond has been validated through studies and clinical studies, as well as in 2007 and 2008 evaluations. BeautiBond continues to deliver outstanding results in real-life clinical trials and, as an independent study, has been significantly improved even with the addition of phosphoric acid etching steps. The phosphoric and carboxylic acid-resin-in BeautiBond provide wetting and monomer penetration into the surface of hard tissue.

High enamel and dentin bond strength was achieved with BeautiBond despite less aggressive etching patterns.5 High enamel and dentin bond strength were not significantly improved even with thermocycling.5

**References**


2. DDS, MAE; L. Sensi; D. McEdward, J.L. Riley III; I.A. Mjör, BDS, MSD, MS, Dr.odont. IADR General Session, March 2013

3. BeautiBond Case Study

4. Reduction in tooth mineral solubility

5. Formation of an acid-resistant layer

6. Giomers unique ability to not only release but recharge fluoride helps to provide continual protection to the tooth, the BeautiBond® adhesive

7. remineralization benefits of Giomers displayed no secondary caries, demonstrating outstanding long-term performance. In a major university clinical study, patients at the 8-year recall with BeautiBond restorations displayed no secondary caries, demonstrating outstanding long-term performance.


9. 8-Year: J Am Dent Assoc. 2007 May;138(5):621-7

10. As with all great technology, resin based composites continue to evolve and with the latest advances in technology, BeautiBond® is one example of the many great advances within dentistry.

**Fluoride Release & Recharge from GIOMER**

- **Multi-Functional GIOMER**
  - GIOMER® technology is an effective solution to overcome the challenges within dentistry.

**Tooth Tooth**

**Fluoride in Mouth**

**Fluoride in GIOMER**

**Concentration**

**In Mouth**

**GIOMER-TECHNOLOGY**

**Glass Core**

**Tooth**

**Layer**

**GIOMER**

**Multi-Functional**

**TECHNOLOGY**

**Flowable & Restorative**

**One Adhesive: Two Powerful Monomers**

**Beautifil Flow Plus**

Beautifil Flow Plus is a Non-hybrid Flowable Composite that maintains Class II performance.

**Beautifil-Bulk**

Beautifil-Bulk Flowable & Restorative

**Beautifil II**

A Non-hybrid Composite with Phosphate Release & Remineralization

**BeautiBond**

One Adhesive: Two Powerful Monomers