**BASE LINER AND RESTORATIVE ALL IN ONE**

- **Strength**: The flexural and compressive strength of BEAUTIFIL Flow Plus, as seen in the graph, is superior to those of the leading hybrid composites.
- **Wear Resistance**: A high wear rate provides long-term aesthetics over the life of the restoration, maintaining a high luster.
- **An aesthetics**: The diffusion of light with BEAUTIFIL Flow Plus, as with BEAUTIFIL II, is similar to that of a natural tooth.

**FINALLY, AN INJECTABLE HYBRID RESTORATIVE FOR ALL INDICATIONS**

**BEAUTIFIL Flow Plus**

- **Yield Point (MPa)**: This GIOMER material can be used as a traditional flowable (i.e., base/liner) as well as on the occlusal and/or facial surfaces of a tooth.
- **Compressive Strength**: The flexural and compressive strength of BEAUTIFIL II, is similar to that of a natural tooth.
- **Yield Point**: A high Yield Point ensures that the material can resist deformation over repeated compression cycles.

**PERFORMANCE UNDER PRESSURE**

- **Compressive Strength vs. Hybrid Composites**: The superior compressive strength of BEAUTIFIL Flow Plus can easily withstand high stress loads on the occlusal surface and marginal ridge.
- **Wear Resistance vs. Hybrid Composites**: An extremely low wear rate provides long-term aesthetics over the life of the restoration, maintaining a high luster.
- **Yield Point vs. Hybrid Composites**: A high Yield Point ensures that the material can resist deformation over repeated compression cycles.

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Apply F03 as a liner

Build proximal wall with FINALLY, A BASE LINER AND RESTORATIVE ALL IN ONE

with a high caries index, or as a glass ionomer alternative.

Moreover, the ability of BEAUTIFIL Flow Plus to release and recharge fluoride and resistance to bacterial colonization makes it ideal for patients with high caries index or as a glass ionomer alternative.

Surface Pre-Activated Glass (S-PRG) ionomer technology proven by independent clinical trials as published in JADA*

High radiopacity that permits viewing of treated sites

Anti-plaque effect that resists bacterial colonization

Sustained fluoride release and rechargability

High incidence of voids, and time-consuming application. Flowable resins, with their favorable adhesion and effortless delivery, complemented hybrids in the clinicians’ armamentarium, yet have load limitations in terms of durability, strength, and handling properties...—and now.

Decreasing the acid production of cariogenic bacteria.

Reducing tooth mineral solubility; and

These S-PRG fillers release fluoride and recharge the GIOMER. The fluoride in a GIOMER is responsible for:

Acid-reactive fluoride-containing glass with polyacids in the presence of water.

S-PRG ionomer cements are used as fillers in GIOMER Products and are obtained by reacting glass ionomer cements with a fluoride-containing glass.

GIOMER Products are the latest hybrid composite materials available to dental practitioners.

Low High Release Recharge

Fluoride Release & Recharge from GIOMER

Before

After

of Fluoride in Mouth

Concentration

Fluoride in GIOMER

Fluoride in Mouth

*BEAUTIFIL Flow Plus No “Bubbling”

sureFil®

Syringe Design

HIGH RELEASE & RECHARGE

IT JUST STAYS PUT!

With unique handling characteristics, BEAUTIFIL Flow Plus allows precise stacking and does not stump or spill out of the prep. This is particularly important when working at awkward angles or with fidgety patients.

Ask your rep today to demonstrate the handling of BEAUTIFIL Flow Plus!
BEAUTIFIL Flow Plus

The hybrid composite revolutionized dentistry with aesthetics and strength, but they have limited adaptation to tooth structure, a high incidence of voids, and time-consuming applications. Flexible resins, with their favorable adaptability and effortless delivery, complemented hybrid in the clinical environment, but had limitations in terms of durability, strength, and handling properties.

BEAUTIFIL Flow Plus is the next step in the evolution of restorative materials, combining the delivery of a flexible and the strength, durability, and aesthetics equal to or better than leading hybrid composites.

BEAUTIFIL Flow Plus is approved for every classification—including the occlusal surface and proximal margins. With improved handling, stickability, and non-stickiness, considering predictable; restorations have never been easier. Moreover, the ability of BEAUTIFIL Flow Plus to release and recharge fluoride and resistance to bacterial colonization makes it ideal for patients with a high caries index, or as a glass ionomer alternative.

Surface Pre-Activated Glass (SPS) ionomer technology proven by independent clinical trials as published in JADA*

Aesthetics and durability that permit use in all classifications

Dental fluoride release and recharge

High radiopacity that permits viewing undercuts and proximal margins

Effortless adaptation

Effortless adaptation

Sustained fluoride release and rechargeability

High flowability that permits covering and maintenance of internal aspects

GIOMER Technology

GIOMER Products are the latest hybrid composite materials evolved to dental practitioners. S-PRG ionomer cement used as a filler in GIOMER Products and can be obtained by reacting acid-reactive fluoride-containing glasses with polyacids in the presence of water. This S-PRG ionomer cement and recharge the GIOMER. The fluoride in a GIOMER is responsible for:

• Decreasing the acid production of cariogenic bacteria.
• Reducing tooth mineral solubility;
• Antiplaque effect that resists bacterial colonization on the material surface
• Sustained fluoride release and rechargeability
• High radiopacity that permits viewing undercuts and proximal margins
• Effortless adhesion on the material surface

These S-PRG ions release fluoride and recharge the GIOMER. The fluoride in a GIOMER is responsible for:

• Decreasing the acid production of cariogenic bacteria.
• Reducing tooth mineral solubility;
• Antiplaque effect that resists bacterial colonization on the material surface
• Sustained fluoride release and rechargeability
• High radiopacity that permits viewing undercuts and proximal margins
• Effortless adhesion on the material surface

Fluoride Release & Recharge from GIOMER

The ability of BEAUTIFIL Flow Plus to release and recharge fluoride and to resist bacterial colonization makes it ideal for secondary caries.

Dr. Howard Glazer, Fort Lee, New Jersey

Dr. Naotake Akimoto, Tsurumi University, Japan

Dr. Jamie Sunners, Natick, MA

IT JUST STAYS PUT!

With unique handling characteristics, BEAUTIFIL Flow Plus allows for even stacking, does not streak or spill out of the prep. This is particularly important when working at angled regions or with fragile patients.

“With the new GIOMER composite, and flow of the resin I am more comfortable and can work with GIOMER and give the patients a better final result.”

— Dr. Jamie Sunners, Natick, MA

GIOMER Products are the latest hybrid composite materials evolved to dental practitioners. S-PRG ionomer cement are used as fillers in GIOMER Products and can be obtained by reacting acid-reactive fluoride-containing glasses with polyacids in the presence of water. This S-PRG ionomer cement and recharge the GIOMER. The fluoride in a GIOMER is responsible for:

• Decreasing the acid production of cariogenic bacteria.
• Reducing tooth mineral solubility;
• Antiplaque effect that resists bacterial colonization on the material surface
• Sustained fluoride release and rechargeability
• High radiopacity that permits viewing undercuts and proximal margins

High Flowability that permits covering and maintenance of internal aspects

Dental fluoride release and rechargeability

High flowability that permits covering and maintenance of internal aspects

Case 1

A. Preparation free of gold inlay requiring replacement.
B. Postoperative view demonstrates use of BEAUTIFIL Flow Plus on occlusal surfaces.

Dr. Ramon Acuna, Temple University, Japan

Clinical Indications

Resin Cone Technique

Simply prepare the tooth using your technique of choice, apply any bonding agent (e.g., BeautiBond or FL Bond II), apply Low Flow as a base liner, and build up to the occlusal surface using Zero Flow. The self-leveling nature of BEAUTIFIL Flow Plus means placement and polishing have never been easier!
**FINALLY, A BASE LINER AND RESTORATIVE ALL IN ONE**

**BEAUTIFIL Flow Plus**

With hybrid composites revolutionizing dentistry with aesthetics and strength, they have limited adaptation to tooth structure, a high incidence of cracks, and time-consuming application. Flexible resins, with their favorable adaptation and effortless delivery, complemented hybrid in the occlusal-antimicrobial, yet have load limitations in terms of durability, strength, and setting properties—until now.

BEAUTIFIL Flow Plus is the next step in the evolution of restorative materials, combining the delivery of a flowable and the strength, durability, and aesthetics equal to or better than leading hybrid composites. BEAUTIFIL Flow Plus is approved for every classification—including the occlusal surface and proximal margins. With improved handling, stickability, and a non-sticky consistency, posterior restorations have never been easier.

Moreover, the ability of BEAUTIFIL Flow Plus to release and recharge fluoride and resistance to bacterial colonization makes it ideal for patients with a high caries index, or as a glass ionomer alternative.

**S-PRG ionomer technology** proven by independent clinical trials as published in JADA*

**Fluoride Release & Recharge from GIOMER**

Fluoride in Mouth

Concentration

Before

After

**BEAUTIFIL Flow Plus**

- Non-slumping
- Proximal wall/core
- Precision stacking
- **It Just Stays Put!**

**Resin Cone Technique**

Simply prepare the tooth using your technique of choice, apply any bonding agent (e.g., BeautiBond or FL Bond II), apply Low Flow as a base liner, and build up to the occlusal surface using Zero Flow. The self-leveling nature of BEAUTIFIL Flow Plus means placement and polishing have never been easier!

**IT JUST STAYS PUT!**

With unique handling characteristics, BEAUTIFIL Flow Plus allows precision stacking and will not slump or spill out of the prep. This is particularly important when working at awkward angles or with fidgety patients.

*Eight-Year Clinical Study, University of Florida*
A BASE LINER AND RESTORATIVE ALL IN ONE!

**Compressive Strength vs. Hybrid Composites**

The superior compressive strength of BEAUTIFIL Flow Plus can easily withstand high stress loads on the occlusal surface and marginal ridge.

**Yield Point vs. Hybrid Composites**

A high Yield Point ensures that the material can resist deformation over repeated compression cycles.

**Wear Resistance vs. Hybrid Composites**

An extremely low wear rate provides long-term aesthetics over the life of the restoration, maintaining a high luster.

**Performance Under Pressure**

- **Strength:** The flexural and compressive strength of BEAUTIFIL Flow Plus, Flow Plus F00, and Flow Plus F03 is superior to those of the leading hybrid composites.
- **Aesthetics:** The diffusivity of light with BEAUTIFIL Flow Plus, Flow Plus F00, and Flow Plus F03 is equal to or superior to those of the leading hybrid composites.
- **Simplicity:** BEAUTIFIL Flow Plus has a shade mobility prior to and following curing, thus providing clinicians with a short learning curve when applying for aesthetic restorations.

**BEAUTIFIL Flow Plus Kits**

- **LOW FLOW KIT (F00)**
  - F00 (A1 and BW)
  - One 2.2g syringe of each A1 and A4
  - One 2.2g syringe of each A2 and A3
  - (50) 0.1mL BeautiBond Unit Dose
  - (50) 0.1mL BeautiBond Bottle
  - (Item No. 2000P)

- **ZERO FLOW KIT (F03)**
  - F03 (A2 and A3)
  - Two 2.2g syringes of each A2 and A3
  - One 2.2g syringe each of
    - A1 and A4
    - A2 and A3
  - (50) 0.1mL BeautiBond Unit Dose
  - (Item No. 2000BF03)

- **BEAUTIFIL Flow Plus Standard Kit**
  - One 2.2g syringe each of A1 and A4
  - One 2.2g syringe each of A2 and A3
  - (50) 0.1mL BeautiBond Unit Dose
  - (Item No. 2000S)

**Syringe/Tips No.**

- **EU**
  - Standard Kit: 0900
  - Bleach White: 2027
  - Low Flow: 2008
  - Low Flow: 2006

- **JAPAN**
  - Standard Kit: 0900
  - Bleach White: 2027
  - Low Flow: 2008
  - Low Flow: 2006

- **SINGAPORE**
  - Standard Kit: 0900
  - Bleach White: 2027
  - Low Flow: 2008
  - Low Flow: 2006

**LOW FLOW KIT (F00)**

- F00 (A1 and BW)
- One 2.2g syringe of each A1 and A4
- One 2.2g syringe of each A2 and A3
- (50) 0.1mL BeautiBond Unit Dose
- (50) 0.1mL BeautiBond Bottle
- (Item No. 2000P)

**ZERO FLOW KIT (F03)**

- F03 (A2 and A3)
- Two 2.2g syringes of each A2 and A3
- One 2.2g syringe each of
  - A1 and A4
  - A2 and A3
- (50) 0.1mL BeautiBond Unit Dose
- (Item No. 2000BF03)

**BEAUTIFIL Flow Plus Standard Kit**

- One 2.2g syringe each of A1 and A4
- One 2.2g syringe each of A2 and A3
- (50) 0.1mL BeautiBond Unit Dose
- (Item No. 2000S)
**Compressive Strength**

The superior compressive strength of BEAUTIFIL Flow Plus can easily withstand high stress loads on the occlusal surface and marginal ridge.

**Wear Resistance**

An extremely low wear rate provides long-term aesthetics over the life of the restoration, maintaining a high luster.

**Yield Point**

A high Yield Point ensures that the material can resist deformation over repeated compression cycles.

**Toothbrush Wear**

BEAUTIFIL Flow Plus has shade stability prior to and following curing, thus providing clinicians with a short learning curve after applying for aesthetic restorations.

**Aesthetics**

The diffusion of light with BEAUTIFIL II, is similar to that of a natural tooth.

**Strength**

Simplicity: BEAUTIFIL Flow Plus has shade stability prior to and following curing, thus providing clinicians with a short learning curve after applying for aesthetic restorations.

**Base Liner and Restorative All in One**

1. **Strength**: The flexural and compressive strength of BEAUTIFIL Flow Plus, Flow Plus, is equal to or superior to those of the leading hybrid composites.
2. **Aesthetics**: The diffusion of light with BEAUTIFIL Flow Plus, Flow Plus, is equal to or superior to those of the leading hybrid composites.
3. **Permeability**: BEAUTIFIL Flow Plus has shade stability prior to and following curing, thus providing clinicians with a short learning curve after applying for aesthetic restorations.