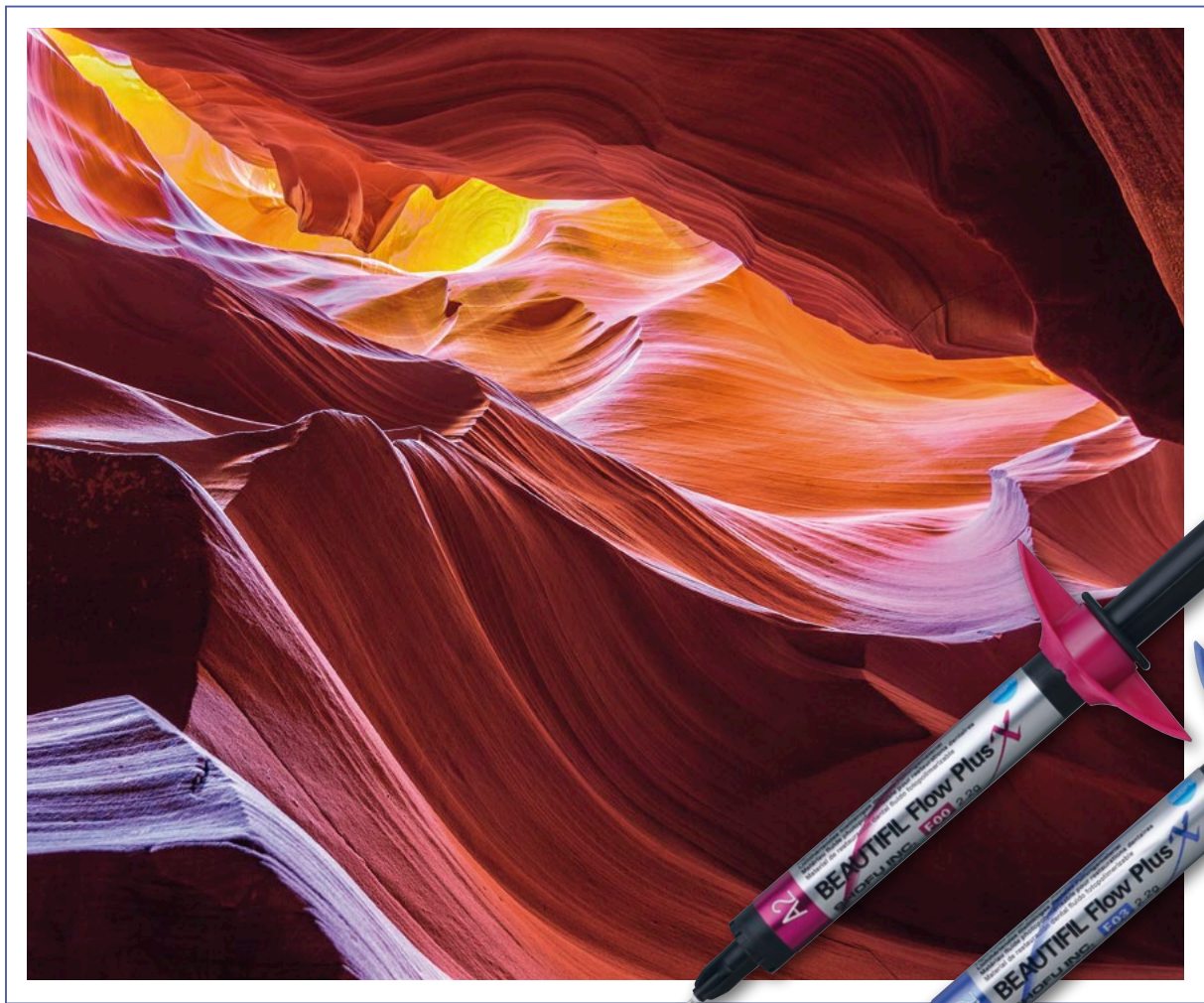


BEAUTIFIL Flow Plus

Injectable hybrid composite
in two viscosities



PRG
Technology
Giomer



Universal restorative with bioactive effects

Beautifil Flow Plus X is a durable latest-generation composite restorative, indicated for both anterior and posterior teeth. It allows you to place direct restorations with an excellent self-levelling ability and outstanding physical properties, absolutely equivalent to those of conventional hybrid composites. Thanks to its nano S-PRG filler, Beautifil Flow Plus X not only helps to remineralise the adjacent tooth structure, but also easily polishes to a high and long-lasting lustre.



Restoration of the disto-proximal surface of tooth 24 (mirror image). The contoured restoration surface is already lustrous, without any polishing.



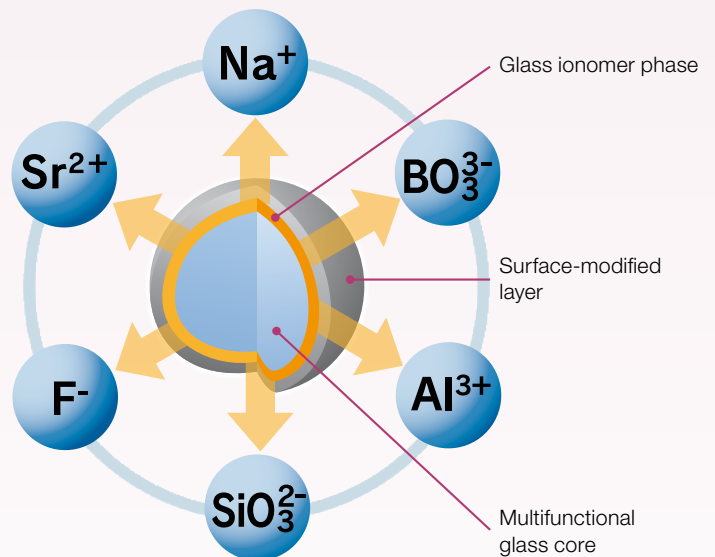
Restoration of the cervical areas of teeth 22, 23 and 24 with F03.

Photos: Naotake Akimoto, DMD, PhD, Yokohama

Long-term protection by ion release

The trilaminar structure of the bioactive S-PRG filler particles forms a stable zone of interaction, designed to sustainably release and recharge ions at high concentrations.

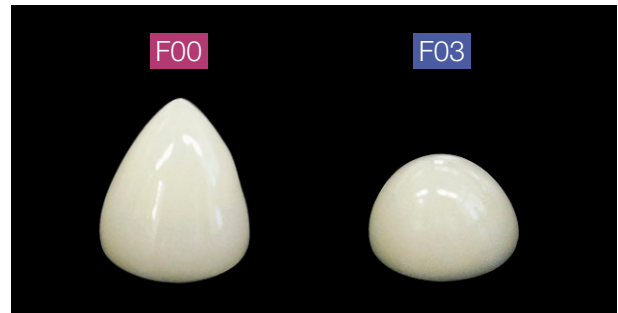
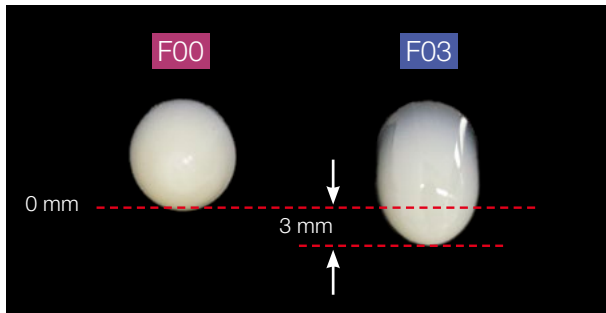
The S-PRG filler releases fluoride and other bio-active ions inhibiting plaque formation, minimising postoperative hypersensitivity, and supporting remineralisation. In addition, the filler particles buffer and neutralise acids.



- Class I to V restorations including occlusal surfaces
- Excellent handling and superior polishability
- Maintenance of dental health thanks to S-PRG filler technology
- Outstanding physical properties
- Compatibility with all conventional bonding systems
- Natural aesthetics thanks to chameleon effect

Complete system for all indications

Beautifil Flow Plus X is an injectable hybrid composite available in two different viscosities, F00 and F03, for restorative build-up and filling. The newly developed thin-walled needle tips facilitate application directly from the syringe, allowing you to easily and smoothly dispense the right amount of paste at any time – for precise direct restorations. Simply select the optimal material for your indication.



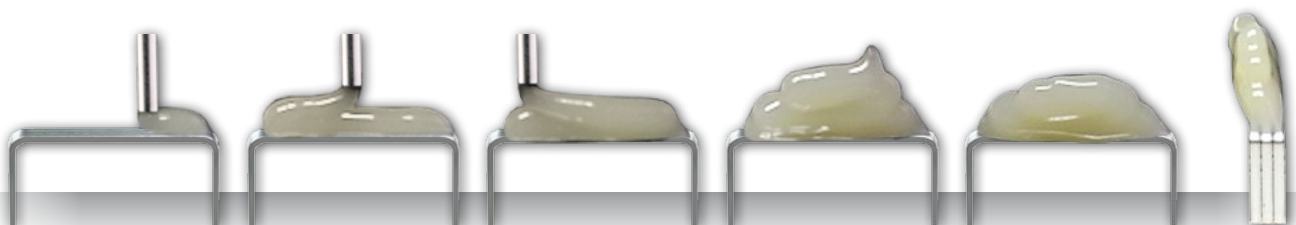
These illustrations show the difference in flow behaviour between the two materials when placed on a vertical (left) or horizontal (right) mixing slab for one minute.

A slight but important difference

Beautifil Flow Plus X F00 and F03 are only slightly different in viscosity, but this slight difference has a great effect on handling. Still, both F00 and F03 provide optimal viscosities for anterior and posterior restorations.

F00 Absolutely stable

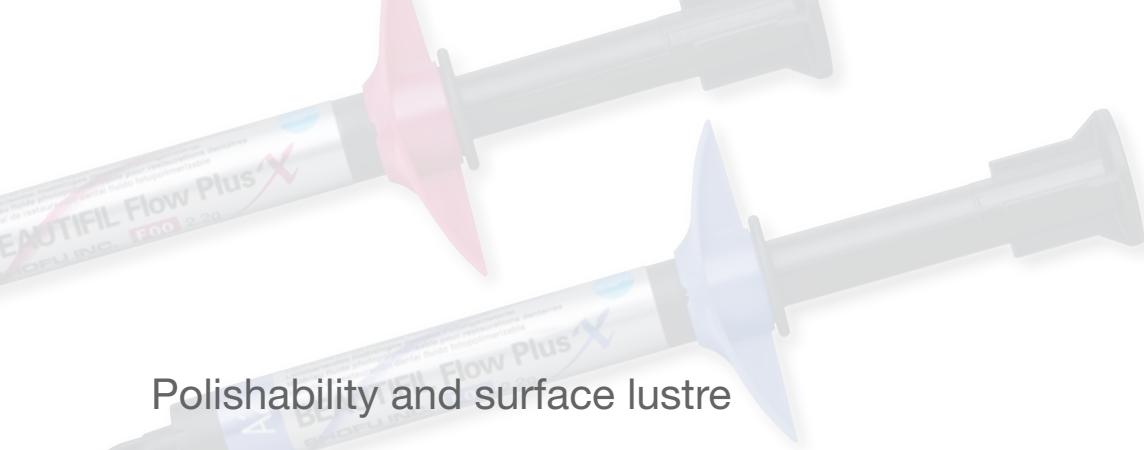
Excellent shape retention, ideal for build-up: The flowability of F00 is so low that the paste is not deformed during layering. This easy-to-handle composite helps you to accurately restore the occlusal morphology, including cusps and marginal ridges. Main benefit: It flows well during application, but does not slump after sculpting.



Application of F00 to three staples

F03 Moderate flow

Moderate shape retention and viscosity plus perfect adaptation: The self-levelling F03 paste thoroughly wets the cavity walls and is therefore ideal for filling. It can be used to line cavity floors, fill small occlusal cavities, or create cervical restorations.



Polishability and surface lustre

Thanks to the combination and enhancement of two innovative technologies – reduction of the S-PRG filler particle size to nanoscale and creation of a stable glass ionomer phase on the surface – Beautifil Flow Plus X features improved mechanical properties, optimal polishability, and a durable lustre.

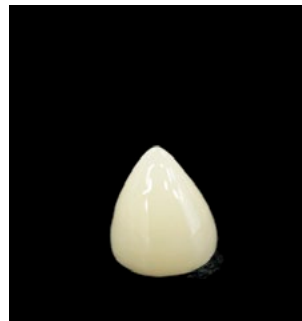
This lustre is already clearly visible after removal of the oxygen-inhibited layer. Simple final polishing and excellent physical properties ensure superior long-term results.



The oxygen-inhibited layer remaining after light-curing was wiped off with a cotton ball.

Filling without oozing

The needle tips have been designed in such a way that the paste neither sticks to the needle opening nor oozes at the end of delivery. You can easily and precisely shape occlusal posterior restorations with only little loss of material.



Non-oozing, self-levelling at the peak!

At the end of delivery, the material does not ooze from the needle tip. These illustrations show F00.

Restoring the occlusal surface of a molar



Cavity preparation



Cavity lining with F03



Build-up of cusp ridges with F00



Occlusal morphology after filling



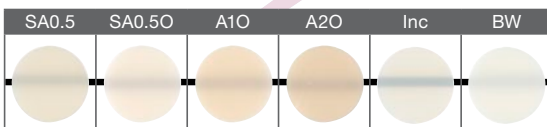
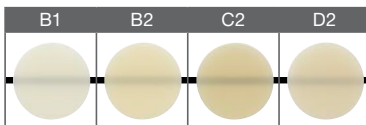
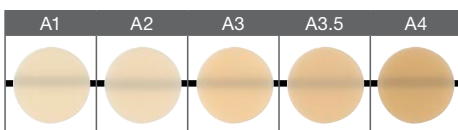
Postoperative result

Photos: Dr. Kenichiro Sadamitsu, Japan

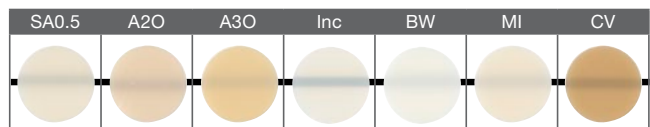
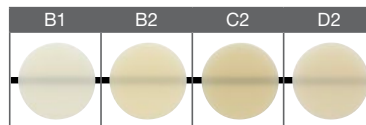
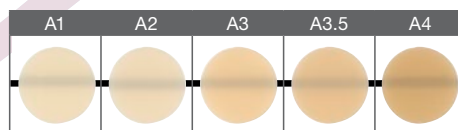
Wide range of shades for aesthetic restorations

Beautifil Flow Plus X is a reliable, state-of-the-art restorative system including nine common tooth shades plus opaque dentin, enamel, bleach and effect shades, characterised by exceptional shade stability. This assortment covers all indications of direct restorative dentistry and allows you to meet all aesthetic requirements in both multi and single-layer techniques.

F00



F03



The shades A1-D2 correspond to the VITA® Classical Shades.

Beautifil Flow Plus X has even convinced international experts:



"Beautifil by SHOFU has long been my favourite system. Beautifil Flow Plus X has proved very helpful in endo treatments with complete tooth fractures under a rubber dam."

Assoc. Prof Dr Hans van Pelt, Groningen



"In my view, the key benefits of this state-of-the-art hybrid composite are its bioactivity, excellent high-gloss polishability, application directly from the syringe, and wide range of indications."

Przemyslaw Grodecki, DDS, PhD, Lodz



"The material can be applied with excellent precision; controlled flowability, superb mechanical properties, and bioactivity, are the most important aspects for me."

Prof Dr Kosmas Tolidis, DDS, MSc, PhD, Thessaloniki

Order information

Beautifil Flow Plus X



F00 – absolutely stable (Zero Flow)

Shade	PN 2.2 g	Shade	PN 0.21 g
SYRINGE		TIPS, 20 pcs.	
A1	YE2301	A1	Y2401
A2	YE2302	A2	Y2402
A3	YE2303	A3	Y2403
A3.5	YE2304	A3.5	Y2404
A4	YE2305	A4	Y2405
B1	YE2306	B1	Y2406
B2	YE2307	B2	Y2407
C2	YE2308	C2	Y2408
D2	YE2309	D2	Y2409
SA0.5	YE2300	SA0.5	Y2400
SA0.50 (opacious A0.5)	YE2310	SA0.50 (opacious A0.5)	Y2410
A10 (opacious A1)	YE2311	A10 (opacious A1)	Y2411
A20 (opacious A2)	YE2312	A20 (opacious A2)	Y2412
Inc (Incisal)	YE2314	Inc (Incisal)	Y2414
BW (Bleaching White)	YE2315	BW (Bleaching White)	Y2415
50 pcs. Beautifil needle tips 20 G-L			Y2351



F03 – moderate flow (Low Flow)

Shade	PN 2.2 g	Shade	PN 0.21 g
SYRINGE		TIPS, 20 pcs.	
A1	YE2321	A1	Y2421
A2	YE2322	A2	Y2422
A3	YE2323	A3	Y2423
A3.5	YE2324	A3.5	Y2424
A4	YE2325	A4	Y2425
B1	YE2326	B1	Y2426
B2	YE2327	B2	Y2427
C2	YE2328	C2	Y2428
D2	YE2329	D2	Y2429
SA0.5	YE2320	SA0.5	Y2420
A20 (opacious A2)	YE2332	A20 (opacious A2)	Y2432
A30 (opacious A3)	YE2333	A30 (opacious A3)	Y2433
Inc (Incisal)	YE2334	Inc (Incisal)	Y2434
BW (Bleaching White)	YE2335	BW (Bleaching White)	Y2435
MI (Milky)	YE2336	MI (Milky)	Y2436
CV (Cervical)	YE2337	CV (Cervical)	Y2450



* VITA is a registered trademark of VITA Zahnfabrik, Bad Säckingen, Germany.



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