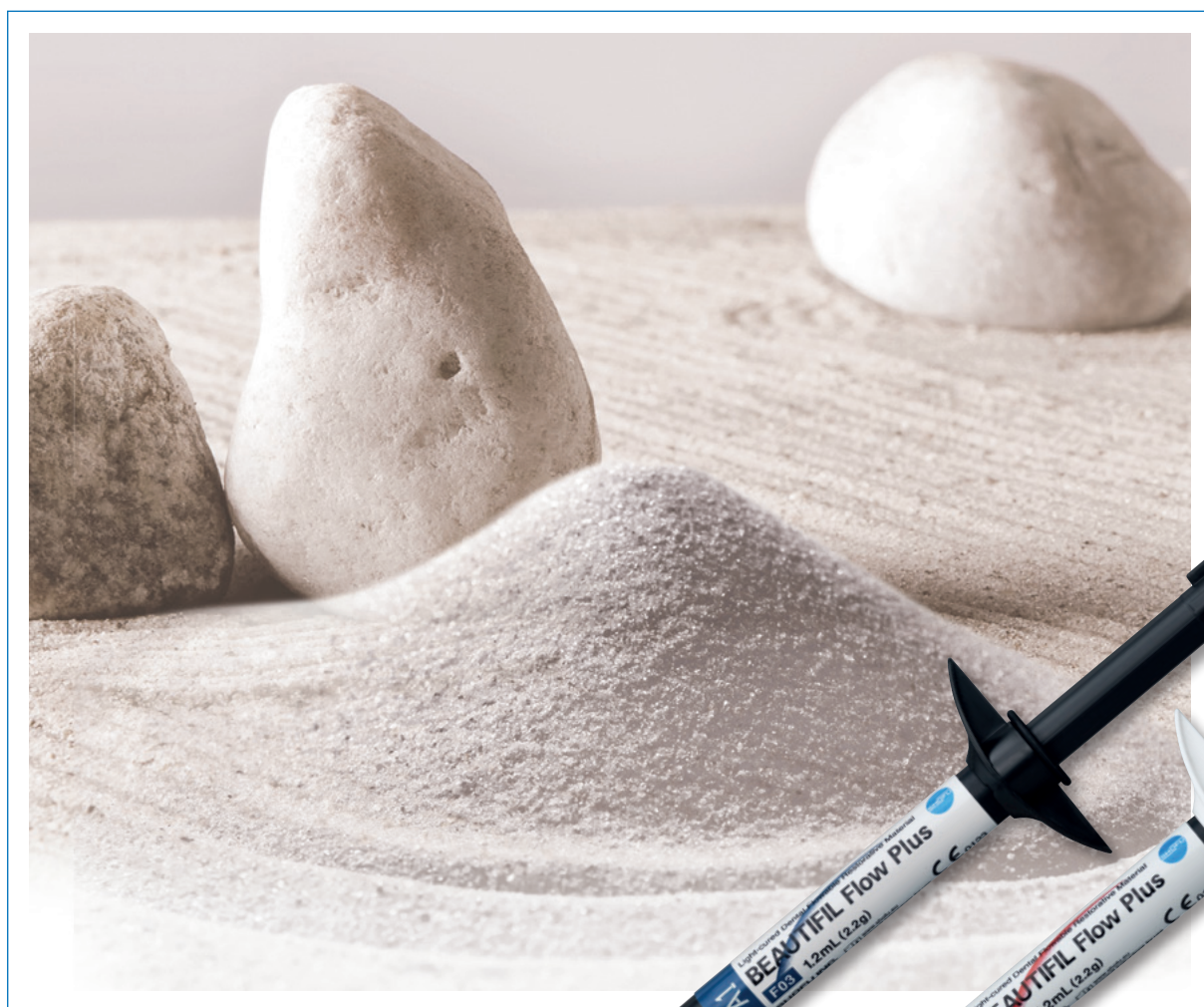


BEAUTIFIL Flow Plus

Flowable stability
for anterior and posterior teeth



PRG
Technology
Giomer

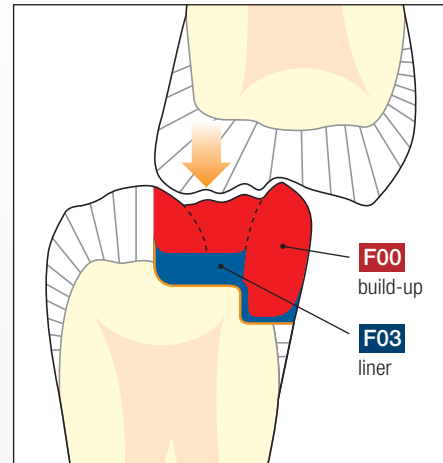


Strength of a hybrid...

The hallmarks of the BEAUTIFIL restoration system are its light diffusion and transmission properties that are analogous to enamel and dentine, its extraordinary formability and the capability of the patented filler technology to release and recharge fluoride.

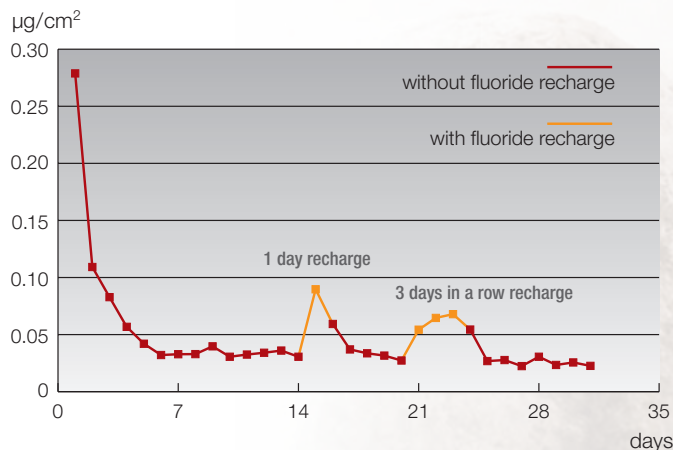
BEAUTIFIL Flow Plus combines the application properties of flowable composites with the strength, durability and aesthetics of packable composites.

It is approved for every classification – including the occlusal surfaces and proximal margins. With excellent handling properties allowing an injectable application, creating posterior restorations has never been easier. In addition, the S-PRG fillers contained in BEAUTIFIL Flow Plus have the ability to release and recharge fluoride, depending on the fluoride concentration in the mouth.



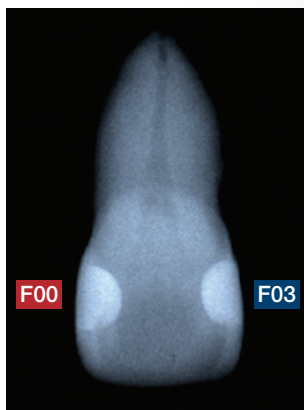
Occlusal load

Fluoride release and recharge



Fluoride ions concentration of F00 after immersion in water for 24 h

The diagram shows how much fluoride is released in a period of 31 days. To recharge fluoride, specimens were stored in a 1,000 ppm fluoride solution for 5 minutes, soaked in water for 1 hour and rinsed thoroughly with water.



Highlights

- Class I to class V restorations
- Suitable for occlusal surfaces
- Resin Cone technique application
- Chameleon effect for natural aesthetics
- Remarkable radiopacity
- Fluoride release and recharge
- Easy injectable application

...delivered like a flow

Case 1 - Restoration of class I cavity



Before



After filling

Photos: Dr Ken Kobayashi

Case 2 - Replacement of a gold inlay



Before



After filling

Photos: Dr Naotake Akimoto, Tsurumi University, Japan

Natural aesthetics with superb polishability

BEAUTIFIL Flow Plus exhibits life-like aesthetics by mimicking the optical characteristics of natural enamel (light transmission) and dentin (light diffusion within the material). The optimised basic shades lead to a well-balanced chameleon effect, thus harmonising with the surrounding tooth structure.

A wide range of colours and various opacities are available for aesthetic restorations in both multi and single-layer techniques.

F00

A1	A2	A3	A3.5	A4

B1	B2	C2	D2

SA0.5	SA0.50	A10	A20	Inc	BW

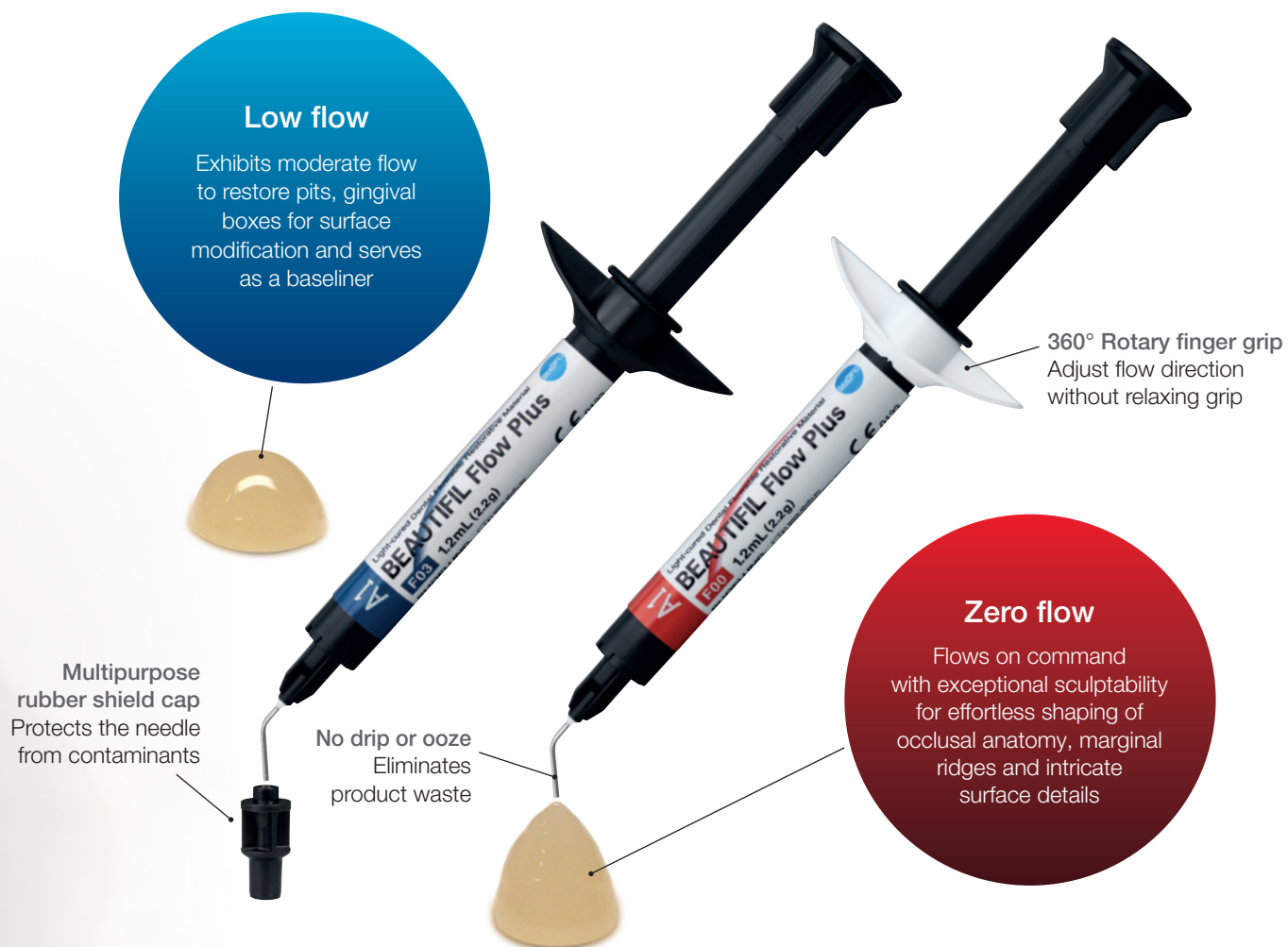
F03

A1	A2	A3	A3.5	A4

B1	B2	C2	D2

SA0.5	A20	A30	Inc	BW	MI	CV

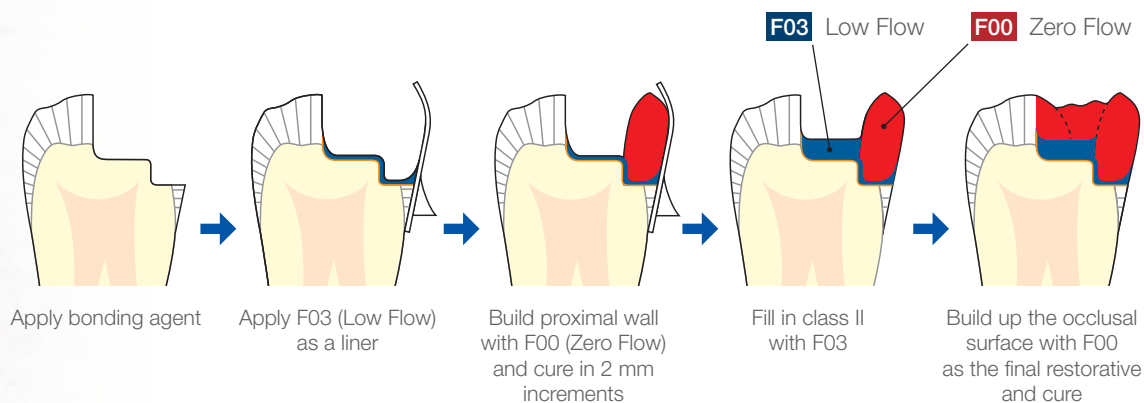
The shades A1-D2 correspond to the VITA Classical Shades. VITA is a registered trademark of VITA Zahnfabrik, Bad Säckingen, Germany.



Resin cone technique

Simply prepare the tooth using your technique of choice, apply any bonding agent (e.g. BeautiBond Xtreme), apply Low Flow as a base liner, and build up the occlusal surface by using Zero Flow.

The self-levelling nature of BEAUTIFIL Flow Plus means placement and polishing have never been easier!



Reliable strength and durability

Based on the ability of BEAUTIFIL Flow Plus to withstand compressive pressure, the material can be used as a traditional flowable as well as a finishing material on the occlusal surface of the tooth, ensuring well balanced physical properties for long-lasting and aesthetic restorations.

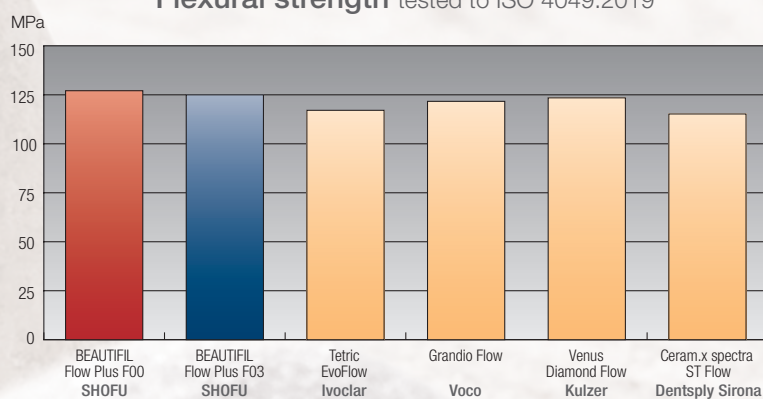
Physical properties

BEAUTIFIL Flow Plus (shade A3)	Filler loading (wt% / vol.%)	Compressive strength (MPa)	Flexural strength (MPa)
F00	67.8 / 47.0	333.8	127.1
F03	67.2 / 46.1	340.4	125.0

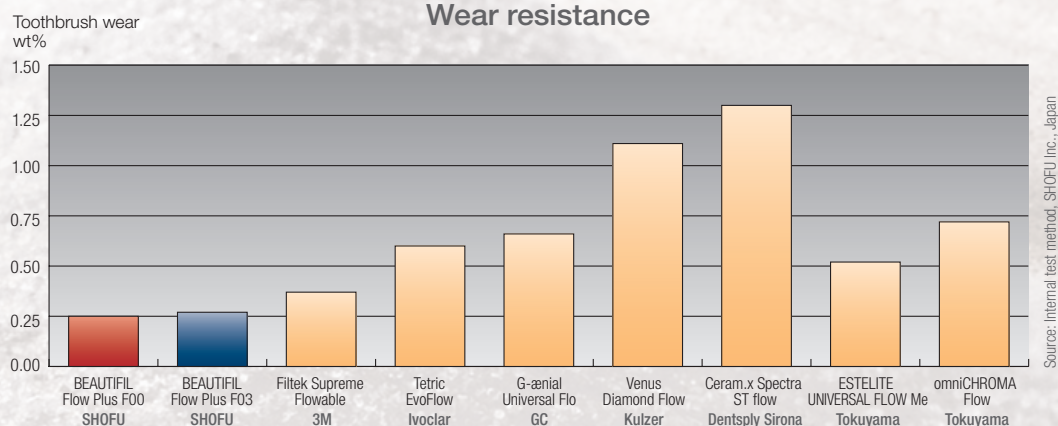
BEAUTIFIL Flow Plus (shade A3)	Flexural modulus (GPa)	Wear resistance (wt%)	Radiopacity (Al:mm)
F00	8.0	0.25	2.2
F03	7.9	0.27	2.2

Source: Internal test method, SHOFU Inc., Japan
Compressive strength referred to ISO 9917-1:2007 / Radiopacity tested to ISO 4049:2019

Flexural strength tested to ISO 4049:2019



Wear resistance



Source: Internal test method, SHOFU Inc., Japan

Order information



F00 – absolutely stable (Zero Flow)

F03 – moderate flow (Low Flow)

Shade	REF 2.2 g	Shade	REF 0.21 g
SYRINGE		TIPS, 20 pcs.	
A1	YE2001	A1	YE2201
A2	YE2002	A2	YE2202
A3	YE2003	A3	YE2203
A3.5	YE2004	A3.5	YE2204
A4	YE2005	A4	YE2205
B1	YE2062	B1	YE2206
B2	YE2063	B2	YE2207
C2	YE2064	C2	YE2208
D2	YE2065	D2	YE2209
SA0.5	YE2000	SA0.5	YE2200
SA0.50 (opaque SA0.5)	YE2006	SA0.50 (opaque SA0.5)	YE2211
A10 (opaque A1)	YE2007	A10 (opaque A1)	YE2212
A20 (opaque A2)	YE2008	A20 (opaque A2)	YE2213
Inc (Incisal)	YE2010	Inc (Incisal)	YE2215
BW (Bleaching White)	YE2011	BW (Bleaching White)	YE2216

Shade	REF 2.2 g	Shade	REF 0.21 g
SYRINGE		TIPS, 20 pcs.	
A1	YE2014	A1	YE2219
A2	YE2015	A2	YE2220
A3	YE2016	A3	YE2221
A3.5	YE2017	A3.5	YE2222
A4	YE2018	A4	YE2223
B1	YE2066	B1	YE2224
B2	YE2067	B2	YE2225
C2	YE2068	C2	YE2226
D2	YE2069	D2	YE2227
SA0.5	YE2013	SA0.5	YE2218
A20 (opaque A2)	YE2020	A20 (opaque A2)	YE2229
A30 (opaque A3)	YE2021	A30 (opaque A3)	YE2230
Inc (Incisal)	YE2023	Inc (Incisal)	YE2232
BW (Bleaching White)	YE2024	BW (Bleaching White)	YE2233
MI (Milky)	YE2026	MI (Milky)	YE2235
CV (Cervical)	YE2027	CV (Cervical)	YE2236

Related products



BeautiBond Xtreme Set

Universal all-in-one adhesive, REF YE2448

SuperSnap coated disks

Used for polishing microfilled and hybrid composites, available in different grits, in standard (ø 12 mm) and mini size (ø 8 mm), 50 pieces per pack

REF L501-L502, L506-L509, L519, L521-L522, L528

OneGloss Set

This instrument set allows you to finish and polish composite restorations in one step.

REF 0180



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Official Partner

 Minimally Invasive
 Cosmetic Dentistry