VERICOM

PRODUCT CATALOG

Dental Materials · Laboratory Materials · Equipment

Day by day increasing demand for

our products is a proof of vericom's efforts for

Making the World Smile

VERICOM, since its establishing 1998, has followed a very restrict Quality Control System Management ensuring all products have achieved highest demanding international standards.

VERICOM was founded by a team of experienced dental researchers. They developed Hybrid composite resin materials in their large laboratory equipped with very advanced technology. Nowadays VERICOM's R&D department is continuously engaged in recognizing the needs of the dental community and designing and developing new products satisfying those needs.

In year 2000, for the first time in Korea, VERICOM successfully developed a hybrid composite resin called Denfil. On the international level, VERICOM has acquired more than 10 certificates of quality assurance and approvals such as CE, FDA, JPAL & CMDCAS. VERICOM exports its high quality products such as dental restoratives, endodoontics and prosthodontics materials to more than 100 countries in the world.

Worldwide, VERICOM, has attracted the trust of thousands of oral health clinicians with its safe and high quality products. Day by day increasing demand for our products is a proof of VERICOM's efforts for "Making the World Smile"

Our Vision

Profit Maximization of Stockholders	Transparent Managemnet	Creative Human Resource Development	Research Managemnet on R&D

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VERICOM
Making the World Smile

About
Dental Materials

Dental Materials | Nano Hybrid Composite

DenFil™ N

Light–cured Restorative Nano Hybrid Composite Resin

Syringe Kit

Refill Type

Capsule Type

FEATURES AND BENEFITS

- DenFil™ N is a universal nano-hybrid composite for use in both posterior and anterior restorations.
- DenFil™ N adopts the Multi Nano-sized Particle distribution Technology (MNPT). It has highly esthetic appearance and natural shade blending with surrounding tooth structure by MNPT.
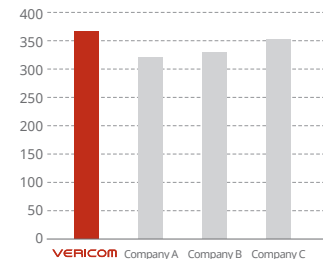- DenFil™ N shows optimal handling and non-slumping.

INDICATIONS

- Restorations for posterior (class I, II, V) and anterior (class III, IV, V) teeth
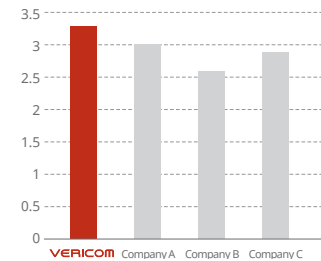- Core build-up
- Splinting

TECHNICAL DATA
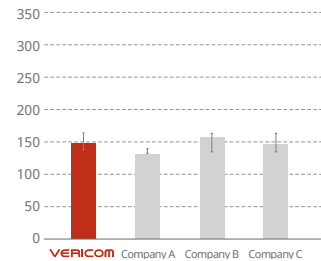
- Flexural strength (MPa)
- Compressive strength (MPa)
- Depth of cure (mm)

PACKAGE

- **5 Syringe kit (4g x 5syringes)**
- Shade: A pack (A1, A2, A3, A3.5, B2)
  B pack (A2, A3, A3.5, B1, B2)
  C pack (A1, A2, A3, A3.5, C1)
- **8 Syringe kit (4g x 8syringes)**
- Shade: A pack (A1, A2, A3, A3.5, B2, A2O, A3O, BL)
  B pack (A2, A3, A3.5, B1, B2, C1, A2O, BL)
  C pack (A1, A2, A3, A3.5, B1, C1, A2O, A3O)
- ※ Common
  - BC Plus x 1bottle + Etchant 3ml x 1syringe
    or U-Bond 5ml x 1bottle
- Accessories: Brushes, Brush holder, Mixing well, Mixing pad, Disposable tips (Blue)

- **Intro Kit (2g x 3syringes)**
- Shade: A pack (A1, A2, A3)
  B pack (A2, A3, A3.5)
  C pack (A2, A3, B2)
- **Refill (4g x 1syringe)**
- Shade: A1, A2, A3, A3.5, B1, B2, C1, A2O, A3O, BL
- **Capsule (0.25g x 20ea)**
- Shade: A1, A2, A3, A3.5, B1, B2, C1, A2O, A3O, BL

ALL PRODUCTS				PRODUCT CODE	KFDA Reg. CODE
DenFil™ N Kit	5 Syringes	※BC Plus	A Pack	A1, A2, A3, A3.5, B2	DN104-A00B	DenFil N 2200
			B Pack	A2, A3, A3.5, B1, B2	DN104-B00B	DenFil N 2201
			C Pack	A1, A2, A3, A3.5, C1	DN104-C00B	DenFil N 2202
		※U-Bond	A Pack	A1, A2, A3, A3.5, B2	DN104-A00U	DenFil N 2203
			B Pack	A2, A3, A3.5, B1, B2	DN104-B00U	DenFil N 2204
			C Pack	A1, A2, A3, A3.5, C1	DN104-C00U	DenFil N 2205
	8 Syringes	BC Plus	A Pack	A1, A2, A3, A3.5, B2, A2O, A3O, BL	DN132-A00B	DenFil N 2300
			B Pack	A2, A3, A3.5, B1, B2, C1, A2O, BL	DN132-B00B	DenFil N 2301
			C Pack	A1, A2, A3, A3.5, B1, C1, A2O, A3O	DN132-C00B	DenFil N 2302
		U-Bond	A Pack	A1, A2, A3, A3.5, B2, A2O, A3O, BL	DN132-A00U	DenFil N 2303
			B Pack	A2, A3, A3.5, B1, B2, C1, A2O, BL	DN132-B00U	DenFil N 2304
			C Pack	A1, A2, A3, A3.5, B1, C1, A2O, A3O	DN132-C00U	DenFil N 2305

※BC Plus (5th generation bonding agent) 5ml x 1bottle & Etchant 3ml x 1syringe / U-Bond (7th generation bonding agent) 5ml x 1bottle

ALL PRODUCTS		PRODUCT CODE	KFDA Reg. CODE
DenFil™ N Intro Kit	A Pack	A1, A2, A3	DN102-A000	DenFil N 2400A
	B Pack	A2, A3, A3.5	DN102-B000	DenFil N 2400B
	C Pack	A2, A3, B2	DN102-C000	DenFil N 2400C

ALL PRODUCTS	PRODUCT CODE	KFDA Reg. CODE
DenFil™ N Refill	A1	DN104-RA11	DenFil N 2100A1
	A2	DN104-RA22	DenFil N 2100A2
	A3	DN104-RA33	DenFil N 2100A3
	A3.5	DN104-RA35	DenFil N 2100A3.5
	B1	DN104-RB11	DenFil N 2100B1
	B2	DN104-RB22	DenFil N 2100B2
	C1	DN104-RC11	DenFil N 2100C1
	A2O	DN104-RA2O	DenFil N 2100A2O
	A3O	DN104-RA3O	DenFil N 2100A3O
	BL	DN104-R0BL	DenFil N 2100BL

ALL PRODUCTS	PRODUCT CODE	KFDA Reg. CODE
DenFil™ N Capsule	A1	DN205-RA11	DenFil N 2101A1
	A2	DN205-RA22	DenFil N 2101A2
	A3	DN205-RA33	DenFil N 2101A3
	A3.5	DN205-RA35	DenFil N 2101A3.5
	B1	DN205-RB11	DenFil N 2101B1
	B2	DN205-RB22	DenFil N 2101B2
	C1	DN205-RC11	DenFil N 2101C1
	A2O	DN205-RA2O	DenFil N 2101A2O
	A3O	DN205-RA3O	DenFil N 2101A3O
	BL	DN205-R0BL	DenFil N 2101BL

DenFil™

Light–cured Restorative Hybrid Composite Resin

Syringe Kit

**Refill Type**

Capsule Type

FEATURES AND BENEFITS

● It is designed for minimizing polymerization shrinkage by inorganic fillers high loading, thus DenFil™ has excellent marginal sealing and surface texture.

● By adopting optimal polymerization initiator system, DenFil™ has high strength and abrasion resistance.

● As DenFil™ contains radiopaque filler, any diagnosis using X-ray is convenient.

● Also it has an optimal viscosity for restoration, DenFil™ shows an excellent workability.
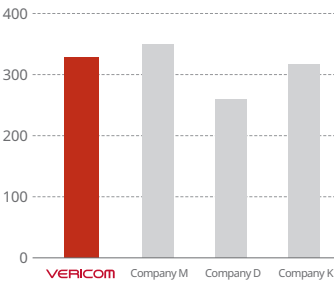
INDICATIONS

● Restorations for posterior and anterior
● Core build-up
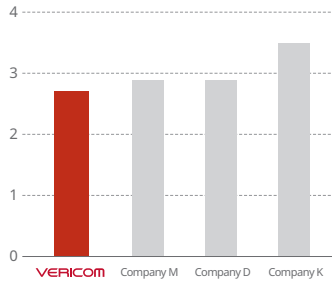● Splinting

TECHNICAL DATA

● Flexural strength (MPa)
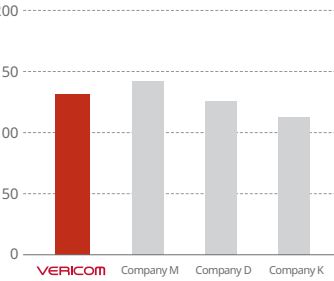
● Compressive strength (MPa)

● Polymerization shrinkage (%)

PACKAGE

● **Kit (4g x 5syringes)**
- Shade: A pack (A1, A2, A3, A3.5, B2)
        B pack (A2, A3, A3.5, B2, B3)
        C pack (A1, A2, A3, A3.5, C2)
- Bonding agent 5ml x 1bottle + Etchant 3ml x 1syringe
- Accessories: Brushes, Brush holder, Mixing well, Mixing pad, Disposable tips (Blue)

● **Refill (4g x 1syringe)**
- Shade
: A1, A2, A3, A3.5, A4, B1, B2, B3, C2, C3, D3, A2O, A3O, I, P, E
● **Capsule (0.25g x 20ea)**
- Shade
: A1, A2, A3, A3.5, A4, B1, B2, B3, C2, C3, D3, A2O, A3O, I, P, E

ALL PRODUCTS		PRODUCT CODE	KFDA Reg. CODE
DenFil™ Kit	A Pack	A1, A2, A3, A3.5, B2	DF104-A000	DenFil 2200
	B Pack	A2, A3, A3.5, B2, B3	DF104-B000	DenFil 2201
	C Pack	A1, A2, A3, A3.5, C2	DF104-C000	DenFil 2202

ALL PRODUCTS		PRODUCT CODE	KFDA Reg. CODE
DenFil™ Refill	A1	DF104-RA11	DenFil 2100A1
	A2	DF104-RA22	DenFil 2100A2
	A3	DF104-RA33	DenFil 2100A3
	A3.5	DF104-RA35	DenFil 2100A3.5
	A4	DF104-RA44	DenFil 2100A4
	B1	DF104-RB11	DenFil 2100B1
	B2	DF104-RB22	DenFil 2100B2
	B3	DF104-RB33	DenFil 2100B3
	C2	DF104-RC22	DenFil 2100C2
	C3	DF104-RC33	DenFil 2100C3
	A2O	DF104-ROA2	DenFil 2100A2O
	A3O	DF104-ROA3	DenFil 2100A3O
	I	DF104-RI00	DenFil 2100I
	P	DF104-RP00	DenFil 2100P
	E	DF104-RE00	DenFil 2100E
	D3	DF104-RD33	DenFil 2100D3

ALL PRODUCTS		PRODUCT CODE	KFDA Reg. CODE
DenFil™ Capsule	Kit	DF205-A000	-
	A1	DF205-RA11	DenFil 2101A1
	A2	DF205-RA22	DenFil 2101A2
	A3	DF205-RA33	DenFil 2101A3
	A3.5	DF205-RA35	DenFil 2101A3.5
	A4	DF205-RA44	DenFil 2101A4
	B1	DF205-RB11	DenFil 2101B1
	B2	DF205-RB22	DenFil 2101B2
	B3	DF205-RB33	DenFil 2101B3
	C2	DF205-RC22	DenFil 2101C2
	C3	DF205-RC33	DenFil 2101C3
	A2O	DF205-ROA2	DenFil 2101A2O
	A3O	DF205-ROA3	DenFil 2101A3O
	I	DF205-RI00	DenFil 2101I
	P	DF205-RP00	DenFil 2101P
	E	DF205-RE00	DenFil 2101E
	D3	DF205-RD33	DenFil 2101D3

Dental Materials | Flowable Composite

DenFil™ Bulk Flow

Light-cured Flowable Bulk Fill Restorative Material

FEATURES AND BENEFITS

- Fast and easy procedure
- One increment up to 4mm
- Void-Free
- High radiopaque
- Good cavity adaptation
- Excellent wear resistance
- Low polymerization shrinkage and polymerization stress
- High flexural strength and low flexural modulus

INDICATIONS

- Base/Liner under direct restorations (Class I, II)
- Blocking out of undercuts
- Repair of composite/ceramic veneers
- Anterior restorations (Class III, IV)
- Class V restorations (cervical caries, root erosion, wedge shaped defects)

TECHNICAL DATA

● Flexural strength (MPa)

● Flexural modulus (MPa)
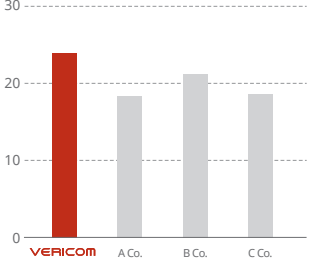

● Polymerization shrinkage (%)
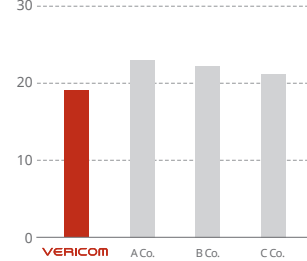

● Shrinkage stress (MPa)

● Bonding strength of enamel (MPa)
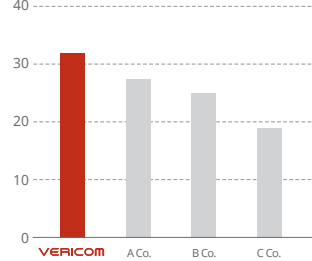
● Bonding strength of dentin (MPa)

● Wear(%) (5,000cycles)

● Color stability (ΔE)
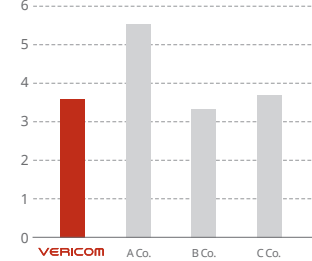
PACKAGE

● **A Type (2g x 1syringe or 2g x 2syringes)**
- Shade: U, A1, A2, A3, B1
- Accessories: Disposable tips

ALL PRODUCTS			PRODUCT CODE	KFDA Reg. CODE
A Type	2g x 1 syringe	U	BR102-RU0T	DenFil BulkFlow MTU
		A1	BR102-RA1T	DenFil BulkFlow MTA1
		A2	BR102-RA2T	DenFil BulkFlow MTA2
		A3	BR102-RA3T	DenFil BulkFlow MTA3
		B1	BR102-RB1T	DenFil BulkFlow MTB1
	2g x 2 syringes	U	BR104-RU0T	DenFil BulkFlow MTU
		A1	BR104-RA1T	DenFil BulkFlow MTA1
		A2	BR104-RA2T	DenFil BulkFlow MTA2
		A3	BR104-RA3T	DenFil BulkFlow MTA3
		B1	BR104-RB1T	DenFil BulkFlow MTB1

DenFil™ *Flow*

Light-cured Radiopaque Flowable Composite Resin

THE DENTAL ADVISOR
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Syringe Kit

Refill Type

FEATURES AND BENEFITS

- DenFil™ Flow is a light-cured radiopaque flowable composite resin, which has low shrinkage and good mechanical properties.
- DenFil™ Flow is designed to provide optimum flowability and handling can be used for restoration narrow & deep cavity as well as cervical area.
- DenFil™ Flow contains micro-hybrid fillers to provide excellent color adaptability, nature-like esthetics and high-gloss polishability.
- VERICOM supplies the low viscosity type besides universal viscosity type for the limited clinical application.
- Low viscosity type (Refill shade: A2, A3) is effective to narrow and complex part.

INDICATIONS

- Restorations of Class III, Class V, Smaller Class IV
- Base/liner in the Class I, Class II restorations
- Repair of resin, porcelain, and acrylic temporary materials
- Restoration of minimally invasive cavity preparations
- Pit and fissure sealant
- Undercut blockout

TECHNICAL DATA

● Flexural strength (MPa)

● Flexural modulus (MPa)

● Compressive strength (MPa)

● Polymerization Shrinkage (%)

● Diametral tensile strength (MPa)
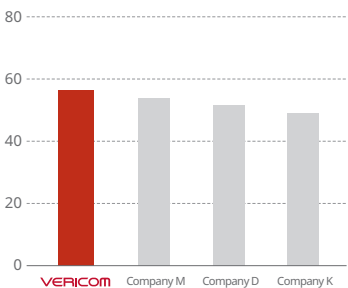
PACKAGE

● **Kit (2g x 4syringes)**
- Shade: A pack (A2, A3, A3.5, B2)
      B pack (A2)
      C pack (A3)
      D pack (A3.5)
- Disposable tips (Black)

● **Refill (2g x 1syringe)**
- Shade: A1, A2, A3, A3.5, B2, B3, C2, A2O, A3O, A2L, A3L, I

	ALL PRODUCTS		PRODUCT CODE	KFDA Reg. CODE
DenFil™ Flow Kit	A Pack	A2, A3, A3.5, B2	FR102-A000	DenFil Flow 5200
	B Pack	A2 x 4syr.	FR102-B000	DenFil Flow 5201
	C Pack	A3 x 4syr.	FR102-C000	DenFil Flow 5202
	D Pack	A3.5 x 4syr.	FR102-D000	DenFil Flow 5203

	ALL PRODUCTS	PRODUCT CODE	KFDA Reg. CODE
DenFil™ Flow Refill	A1	FR102-RA11	DenFil Flow 5100A1
	A2	FR102-RA22	DenFil Flow 5100A2
	A3	FR102-RA33	DenFil Flow 5100A3
	A3.5	FR102-RA35	DenFil Flow 5100A3.5
	B2	FR102-RB22	DenFil Flow 5100B2
	B3	FR102-RB33	DenFil Flow 5100B3
	C2	FR102-RC22	DenFil Flow 5100C2
	A2O	FR102-RA20	DenFil Flow 5100A2O
	A3O	FR102-RA30	DenFil Flow 5100A3O
	A2L	FR102-RA2L	DenFil Flow 5100A2L
	A3L	FR102-RA3L	DenFil Flow 5100A3L
	I	FR102-RI00	DenFil Flow 5100I

RESTORATIVES

Dental Materials | Core Build-up

Dual Core™ `Automix Type`

Dual-cured Core Build-up Material

FEATURES AND BENEFITS

- Dual Core™ is a dual-cured (light+chemical) polymerization compounds. It is used as a replacement for dental caries and core build-up.
- Dual Core™ is proper for the core build up due to its mechanical properties (compressive and flexural strength).
- Thixotropic property of Dual Core™ is convenient for the dental treatment. It is easy to apply the treatment area where needed. And it is fully filled in a cavity with no empty space.

INDICATIONS

- Core build-up

TECHNICAL DATA

- Compressive strength (MPa)
- Flexural strength (MPa)
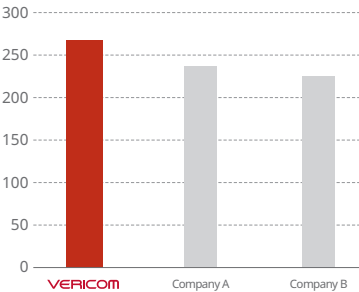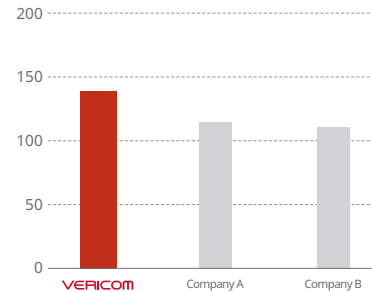
PACKAGE

ALL PRODUCTS			PRODUCT CODE	KFDA Reg. CODE
Dual Core™	Natural	2 Syringes (Base 4.5g+Catalyst 4.5g), Mixing tips, Intraoral tips	DC118-M0NA	Dual Core Natural Mini-mix
	Blue		DC118-M0BL	Dual Core Blue Mini-mix

Dental Materials | Temporary Filling

Spacer™

Light-cured Temporary Filling Material

FEATURES AND BENEFITS

- Spacer™ is a light-cured temporary filling material included nano-sized silver.
- Spacer™ is used for the temporary restoration of inlay and onlay preparations.
- Spacer™ has high elasticity and strength, it shows a good marginal sealing property.
- Spacer™ is used without any additional mixing and also can be easily removed all at once without any debris in the cavity.

INDICATIONS

- Temporary restoration of inlay and onlay preparations
- All kinds of temporary filling
- Temporary filling and sealing

TECHNICAL DATA

- Initial polymerization shrinkage (%)
- Marginal seal (Score)
- Depth of cure (mm)
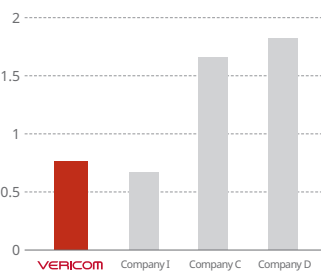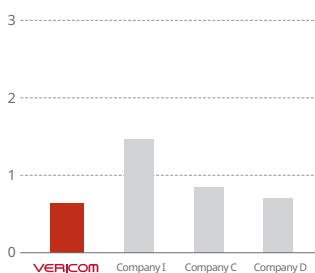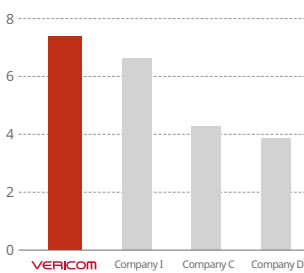
PACKAGE

ALL PRODUCTS			PRODUCT CODE	KFDA Reg. CODE
Spacer™ Kit	Blue	3g x 3syringes	SP103-B000	Spacer Blue
	Yellow		SP103-Y000	Spacer Yellow

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V-varnish™ *Premium*

Clear Cavity Varnish With TCP & Xylitol

Nearly invisible against the teeth

Before → After

FEATURES AND BENEFITS

● V-varnish™ Premium is clear cavity varnish containing 50mg of sodium fluoride per 1ml. It also contains TCP and xylitol. It is applied to teeth for the purpose of delivering fluoride and treating hypersensitivity.
● V-varnish™ Premium is packed in single dose package allows easy mixing and application.

INDICATIONS

● Treatment of hypersensitive teeth
● Caries prophylaxis

TECHNICAL DATA

● Cumulative Fluoride Release (μg F/cm²)

- V-varnish™ Premium
- Company A
- Company B
- Company C
- Company D
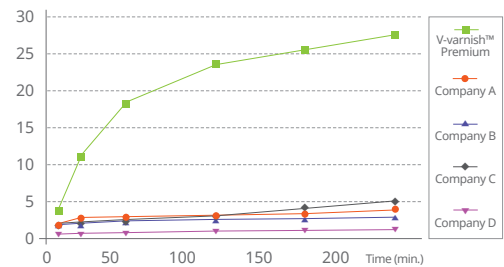
● Easy workability
  - Stable adhesion and equal application

Surface of teeth applied with Varnish by other company.

Surface of teeth applied with V-varnish Premium by Vericom Co., Ltd.
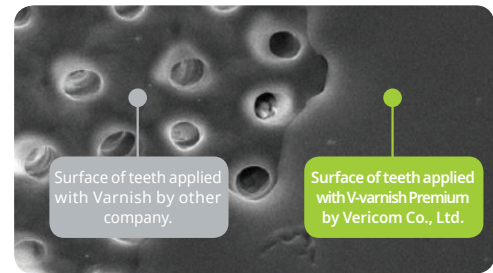
PACKAGE

- Unit Dose: 0.4ml

ALL PRODUCTS			PRODUCT CODE	KFDA Reg. CODE
V-varnish™ Premium	S-Type	Standard pack 50 single-unit-dose application sticks (Clear Bubblegum)	VP320-S00B	V-varnish Premium Clear Bubblegum 50
		Bulk pack 200 single-unit-dose application sticks (Clear Bubblegum)	VP380-S00B	V-varnish Premium Clear Bubblegum 200

Eazigel

Topical Fluoride Gel

FEATURES AND BENEFITS

● Excellent flowability for minute area with 1.23% APF fluoride ion
● Containing xylitol for healthy teeth
● Soft bottle for easy pouring
● Hardly overflow out of tray
● Strawberry and peach tastes

PACKAGE

ALL PRODUCTS			PRODUCT CODE	KFDA Reg. CODE
Eazigel	480ml	Strawberry	EG400-S000	Eazigel SB500
		Peach	EG400-P000	Eazigel PB500

Eco-S™

Light Cured Pit & Fissure Sealant

FEATURES AND BENEFITS

● Eco-S™,pit & fissure sealant, is a light-cured dental material designed for sealing the enamel pit and fissure of teeth for the prevention of caries.
● By adding specific nano-fillers to Eco-S™, it has good properties like shear bond strength, micro-leakage and wear resistance.
● Eco-S™ has an appropriate viscosity, to enable the sealant to penetrate the depths of pits. So it provides good efficacy as well as workability.

INDICATIONS

● Sealing the enamel pits and fissures of teeth for prevention of caries

PACKAGE

	ALL PRODUCTS		PRODUCT CODE	KFDA Reg. CODE
Eco-S™	Kit	1.2ml Sealant x 2syr. & 1.2ml Etchant x 2syr. with tips (Blue, Black)	ES105-K000	Eco-S Economic Kit
	Refill Kit	1.2ml x 4syr. Sealant with tips (Black)	ES105-RK00	Eco-S Normal Kit
	Refill	1.2ml x 1syr. Sealant with tips (Black)	ES105-R000	Eco-S

U-Bond™

One Component Self-etching Light-cured Adhesive

Kit Type

Refill Type

FEATURES AND BENEFITS

- U-Bond™ is a one component self-etching light-cured adhesive designed to bond composite to dentin and enamel.
- U-Bond™ is 7th generation one-step bonding system.

INDICATIONS

- Bonding of direct restoration of composite to tooth structure

TECHNICAL DATA

- Bonding Strength of Enamel (MPa)
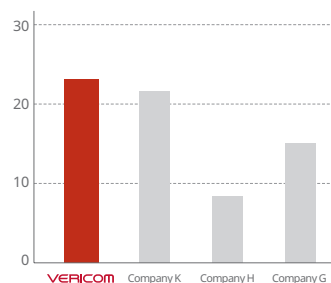
- Bonding Strength of Dentin (MPa)
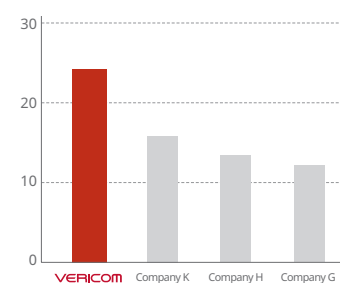
- The film thickness of U-Bond™ is less than 10 micrometer and it is homogeneous.

Composite

U-Bond™

Dentin
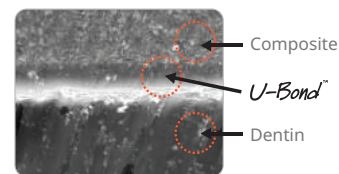
SEM (Scanning electron microscope) x 1,000

PACKAGE

ALL PRODUCTS			PRODUCT CODE	KFDA Reg. CODE
U-Bond™	Kit	U-Bond 5ml x 1bottle, Brush holder, Mixing well, Brushes	UB405-K000	U-Bond Kit
	Refill	U-Bond 5ml x 1bottle	UB405-R000	U-Bond

BC plus™

Single Component Bonding Agent

FEATURES AND BENEFITS

- BC plus™ is the 5th generation single component bonding agent designed to bond all classes of direct composite restorations to dentin, enamel, as well as procedures involving cast metals, composite, treated porcelain and set amalgam.
- BC plus™ is a light-activated adhesive resin based on an ethanol formulation.
- BC plus™ allows for indirect restoration procedures, due to its minimal and uniform film thickness.

INDICATIONS

- Bonding of direct composite
- Bonding to composite and set amalgam
- Bonding of indirect restorations-Porcelain
- Sealing hypersensitivity areas of teeth

TECHNICAL DATA

- Microleakage
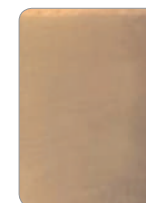
Item	Micro- leakage score	Standard Deviation
BC Plus™	1.1	0.9
S	1.0	0.8
P	1.6	1.3
O	1.0	1.2

※ Above all data are measured by VERICOM's test methods-ISO TR11405

- Scanning Electron Microscope (SEM) of applied BC plus™ on the tooth surface

100μm

PACKAGE

ALL PRODUCTS			PRODUCT CODE	KFDA Reg. CODE
BC Plus™	Refill	5ml x 1bottle	BP405-R000	BC Plus

U-Cem™ *Premium*

Self-adhesive Universal Resin Cement

Automix Type

MDP MONOMER No primer for Zirconia

Double Dispenser Type

FEATURES AND BENEFITS

● Uniform luting cementation
● Contineous fluoride ion release effect
● Easy removal & easy handling
● Multi cementation
● Powerful bond strength

INDICATIONS

● Cementation of ceramic, metal or composite inlays, onlays, crowns, bridges, posts.

TECHNICAL DATA

● Bond strength by manufacturer
(MPa)

Material: Hybrid Ceramic

VERICOM T Co. R Co. K Co. I Co.
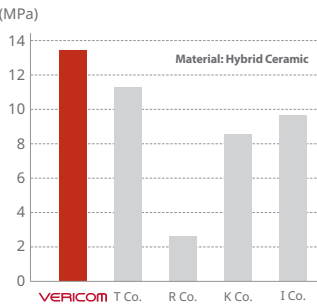
● Bond strength by material
(MPa)

Ceramic Metal Zirconia Lithium Disilicate
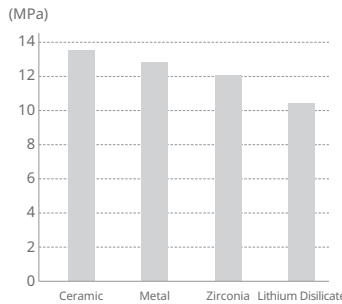
● Microleakage test

Item	Micro- leakage score
U-Cem™ Premium	0
T Co.	2
K Co.	3

Marginal micro-leakage results in disadvantage on bonding strength. U-Cem™ Premium doesn't make micro-leakage so possible to maintain the prosthesis in intraoral for a long time.

PACKAGE

- Available Color : Universal, Clear, Opaque

	ALL PRODUCTS		PRODUCT CODE	KFDA Reg. CODE
U-Cem™ Premium	Automix Type	9g x 1syr. with tips (Intra oral tips, Mixing tips)	UP109-AU00	U-Cem Premium 1221U
		9g x 2syr. with tips (Intra oral tips, Mixing tips)	UP118-AU00	U-Cem Premium 1223U
	Double Dispenser Type	9g x 1syr. with Acc. (Mixing pad, Spatula)	UP109-DU00	U-Cem Premium 1222U
		9g x 2syr. with Acc. (Mixing pad, Spatula)	UP118-DU00	U-Cem Premium 1224U

DenFil™ *Etchant*

Semi-gel Type Etching Agent With Phosphoric Acid

Before Etching   After Etching

※ Microphotographs of premolar x 1,000
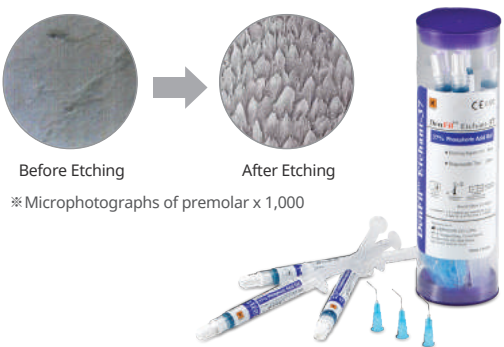
FEATURES AND BENEFITS

● DenFil™ Etchant is 37% Phosphoric acid (H_3PO_4) formulation thickened with natural polymeric materials.

INDICATIONS

● Etching the enamel and dentine for adhesive restorations

PACKAGE

		ALL PRODUCTS	PRODUCT CODE	KFDA Reg. CODE
DenFil™ Etchant	Bulk Kit	5 syringes of Etchant (5ml/syr.) with tip (Blue)	ET125-B000	DenFil Etchant-37
	Eco Kit	5 syringes of Etchant (3ml/syr.) with tip (Blue)	ET115-E000	
		12 syringes of Etchant (3ml/syr.) with tip (Blue)	ET136-K000	
		4 syringe of Etchant (1.2ml/syr.) with tip (Blue)	ET148-K000	
		1 syringe of Etchant (30ml/syr.)	ET130-B000	

V-Etch™ **Viscous Solution**

Novel And Optimum Etchant For Total-Etch

FEATURES AND BENEFITS

● V-Etch™ (35% Phosphoric acid) is a dental etching agent of viscous solution type, having a thixotropic property.
● V-Etch™ is designed to have a minimal cloggy effect by using a natural humectant.
● The thixotropic property of V-Etch™ can help precise etching process as you want.

INDICATIONS

● Etching the enamel and/or dentin of teeth for bonding

PACKAGE

		ALL PRODUCTS	PRODUCT CODE	KFDA Reg. CODE
V-Etch™	Bulk Kit	30ml x 1syr. with disposable tip (Blue)	VE130-B000	V-Etch Type F
	Eco-Pack	1.2ml x 4syr. with disposable tip (Blue)	VE105-E000	V-Etch Type B

VERICOM
Making the World Smile

Dental Materials | Root Canal Sealer

Well-Root™ PT

Premixed Bioceramic Putty

FEATURES AND BENEFITS

- Premixed putty without mixing process
- Paste-only filling
- Proper setting time for applications
- Superior compressive strength
- Antibacterial effects by alkaline pH
- Biocompatible elements
- Radiopaque

INDICATIONS

- Pulp capping
- Repair of root perforation
- Repair of root resorption
- Root-end filling
- Apexification

TECHNICAL DATA

● Push-out Bond Strength (MPa)

● Vickers Hardness (Hv)

● Compressive Strength (MPa)

Superior dislodgement resistance due to excellent bonding to dentin

High stability due to good hydration reaction

● pH Change of Well-Root™ PT

(Storage in DI water in 37℃ incubator)

Antibacterial by alkaline pH

● Color Stability (ΔE)

Excellent color stability

● Weight Change (%)

Low solubility

● Properties of Well-Root™ PT

Properties measured according to **ISO 6876:2012**

Flow (mm)	Film thickness (㎛)	Setting time (min.)		Radiopacity(mmAl)
		Initial	Final	
9.3±0.2	38.8±4	5±2min	45±5min	5.4

● Surface analysis

Well-Root™ PT (X2,000)]   A Co. (X1,000)]

● Well-Root™ PT forms a coherent interface without the particle separation.

● Biocompatibility

※ PB : Pre-existing bone / NB : New bone

● Well-Root™ PT doesn't create inflammatory response.
● Well-Root™ PT seems to promote mineralization and show bioactivity.

● Cell Adhesion Analysis (Surface chemistry)

White MTA [Fig.A (X2,000)]   Well-Root™ PT [Fig.B (X2,000)]   Well-Root™ PT [Fig.C (X10,000)]

Cell adhesion and cell spreading became more powerful in Well-Root™ PT(Fig.B). compared to white MTA(Fig.A). Well-Root™ PT exhibits high mineralization ability, forming extensive apatite crystals on the surface.

PACKAGE

ALL PRODUCTS		PRODUCT CODE	KFDA Reg. CODE
Well-Root™ PT	Well-Root™ PT 0.25g x 10capsules	WT202-K000	Well-Root PT

Well-Root™ ST

Premixed Bioceramic Sealer

FEATURES AND BENEFITS

● Well-Root™ ST is a convenient premixed ready-to use, injectable calcium aluminosilicate compound paste developed for permanent obturation of the root canal.

● Well-Root™ ST is based on a calcium aluminosilicate compound composition, which requires the presence of water to set and harden.

● Well-Root™ ST does not shrink during setting and demonstrates excellent physical properties.

INDICATIONS

● Permanent obturation of the root canal

TECHNICAL DATA

● Tight Sealing
- Excellent bonding to gutta-percha and dentin
- Zero shrinkage
- Hydroxyapatite generation
- Hydrophillic
- Extremely small particle size

▶ **Right Image**
Optical microscope and SEM image of GP/Well-Root™ ST /Dentin interface
: No gap at interface

Well-Root™ ST
GP

Well-Root™ ST Dentin
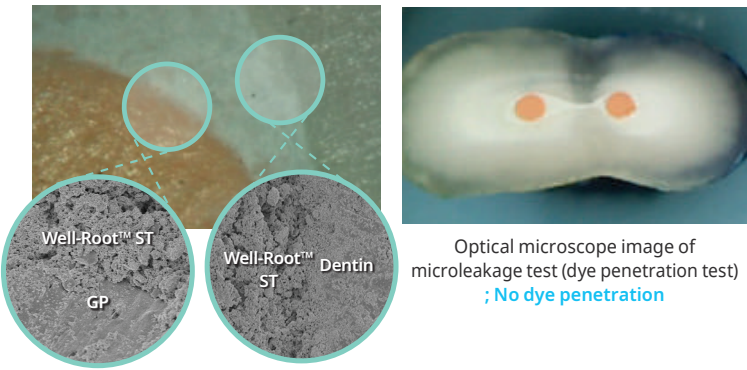
Optical microscope image of microleakage test (dye penetration test)
; No dye penetration

● Radiopacity
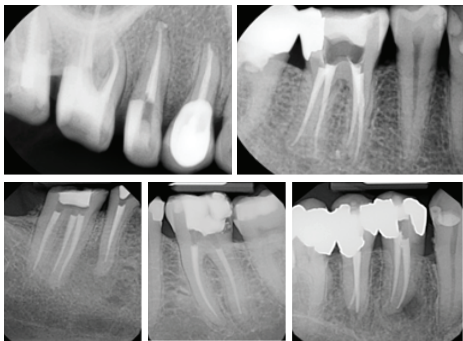
Well-Root™ ST uses zirconium oxide for radiopaque agent.

● High pH

pH comparison of 4 root canal sealers

(pH) | Well-Root™ ST | A Co. | B Co. | C Co.
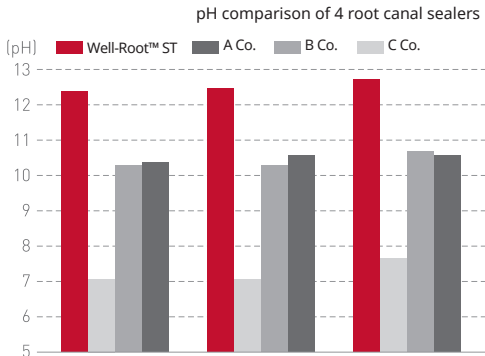
- Calcium hydroxide is generated during setting
- pH value increase 12 and over
- Alkaline environment making it highly antibacterial

PACKAGE

ALL PRODUCTS		PRODUCT CODE	KFDA Reg. CODE
Well-Root™ ST	Well-Root™ST 2g x 1syr. with Disposable tip(20ea) & Extension holder	WR102-K00C	Well-Root ST Type C
	Well-Root™ST 2g x 1syr. with Disposable tip(15ea) & Extension holder	WR102-K00E	Well-Root ST Type E

Well-Pex™

Oil-based Calcium Hydroxide Paste With Iodoform

FEATURES AND BENEFITS

● Well-Pex™ is a temporary root canal filling material for the infected root canal. It contains calcium hydroxide and Iodoform mainly, having good radiopacity and antibacterial characteristics.

● Well-Pex™ is very stable without any solidification or separation and a highly-flowable paste premixed in a convenient syringe. Also it has excellent accessibility to the apex and biocompatibility to the periapical tissue.

INDICATIONS

● Apexification
● Treatment for an infected root canal
● Temporary root canal filling
● Pulp capping of exposed pulp
● Disinfection after pulp extirpation treatment

PACKAGE

ALL PRODUCTS		PRODUCT CODE	KFDA Reg. CODE
Well-Pex™	Well-Pex™ 2g x 1syringe with Disposable tip & Extension holder	WP102-K000	Well-Pex Type A

Well-Paste™

Water-based Calcium Hydroxide Paste With Barium Sulfate

FEATURES AND BENEFITS

● Well-Paste™ is a temporary root canal filling material for the infected root canal. It contains calcium hydroxide and barium sulfate mainly, having radiopacity and antibacterial characteristics.

● Well-Paste™ is very stable without any solidification or separation and a highly-flowable premixed paste in a convenient syringe. Also it has excellent accessibility to the apex and biocompatibility to the periapical tissue.

INDICATIONS

● Apexification
● Treatment for an infected root canal
● Temporary root canal filling
● Pulp capping of exposed pulp
● Disinfection after pulp extirpation treatment
● Pulp capping of vital pulpotomy

PACKAGE

ALL PRODUCTS		PRODUCT CODE	KFDA Reg. CODE
Well-Paste™	Well-Paste™ 2g x 1syr. with Disposable tip & Extension holder	WS102-K000	Well-Paste Type A

Well-Prep™

Creamy EDTA Root Canal Cleaner

FEATURES AND BENEFITS

● Well-prep™ containing ethylenediamine tetraacetic acid (EDTA) as a chelating agent allows efficient cleaning and easy preparation of root canal.

● Well-prep™ improves the efficiency in injection into root canals by a special lubricant.

● The pulp debris in the canal can be lifted out efficiently by the bubbling effect of urea-peroxide in Well-prep™.

INDICATIONS

● Facile shaping and cleansing of the root canal
● Easy and fast removal of debris
● Encouraging decalcification of dentin and antibacterial effect
● Simple handling of instruments in the canals due to lubricating effect

PACKAGE

ALL PRODUCTS		PRODUCT CODE	KFDA Reg. CODE
Well-Prep™	Well-Prep™ 6g x 3syringes with Disposable tip	WE118-K000	Well-Prep

Eazi-Endo™

Hand Rolled Endodontic Points

Gutta Percha Points

FEATURES AND BENEFITS

- Uniformly rolled from the finest Gutta Percha to extremely close tolerances
- Assurance in consistency of size and shape
- Guaranteed Brittleness & Radiopacity in accordance with ISO6877
- **ISO/AAE STANDARD SIZE:**
  No. 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 70, 80, 90, 100, 110, 120, 130, 140
- **NON STANDARD SIZE (Conventional type):**
  X-Fine, Fine-Fine, Medium-Fine, Fine, Fine-Medium, Medium, Medium-Large, Large, X-Large
- **MINI (JAPANESE) SIZE:**
  Fine-Small, Fine-Medium, Fine-Large, Small, Medium, Large
- **DE TREY SIZE:** XX-Fine, X-Fine, Fine, Medium
- **ISO TAPER SIZE:** Taper 0.04 and Taper 0.06
- **Endo Aide:** 12 refillable compartments

INDICATIONS

- Fill a prepared root canal prior to tooth restoration

PACKAGE

- Endo Aide, Slide, Vial, 4 Compartment Box

Absorbent Paper Points

FEATURES AND BENEFITS

- Uniformly rolled to extremely close tolerances
- Guaranteed consistency in size and shape
- Assures better absorbency and guarantees sterility prior to use. Sterilization Assurance Lever: 10⁻⁶
- **ISO/AAE STANDARD SIZE:**
  No. 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 70, 80, 90, 100, 110, 120, 130, 140
- **NON STANDARD SIZE (Accessory):**
  XX-Fine, X-Fine, Fine, Medium, Coarse, X-Coarse
- **Endo Aide:** 12 refillable compartments

INDICATIONS

- Remove moisture from the root canal or to introduce medicaments

PACKAGE

- Endo Aide, Slide, Vial, 4 Compartment Box
- Cell pack

PACKAGE

1. GP/PP SLIDE

GP SLIDE	PRODUCTS CODE	PP SLIDE	PRODUCTS CODE
#10	GP110-S000	#10	PP110-S000
#15	GP115-S000	#15	PP115-S000
#20	GP120-S000	#20	PP120-S000
#25	GP125-S000	#25	PP125-S000
#30	GP130-S000	#30	PP130-S000
#35	GP135-S000	#35	PP135-S000
#40	GP140-S000	#40	PP140-S000
#45	GP145-S000	#45	PP145-S000
#50	GP150-S000	#50	PP150-S000
#55	GP155-S000	#55	PP155-S000
#60	GP160-S000	#60	PP160-S000
#70	GP170-S000	#70	PP170-S000
#80	GP180-S000	#80	PP180-S000
#90	GP190-S000	#90	PP190-S000
#100	GP100-S000	#100	PP100-S000
#110	GP111-S000	#110	PP111-S000
#120	GP112-S000	#120	PP112-S000
#15-40	GP115-S400	#15-40	PP115-S400
#45-80	GP145-S800	#45-80	PP145-S800

2. TAPER

GP SLIDE	PRODUCTS CODE	PP SLIDE	PRODUCTS CODE
#15/0.4	GP215-T004	#15/0.4	PP215-T004
#20/0.4	GP220-T004	#20/0.4	PP220-T004
#25/0.4	GP225-T004	#25/0.4	PP225-T004
#30/0.4	GP230-T004	#30/0.4	PP230-T004
#35/0.4	GP235-T004	#35/0.4	PP235-T004
#40/0.4	GP240-T004	#40/0.4	PP240-T004
#45/0.4	GP245-T004	#45/0.4	PP245-T004
#20-45 ACC	GP220-T454	#20-45 ACC	PP220-T454

GP SLIDE	PRODUCTS CODE	PP SLIDE	PRODUCTS CODE
#15/0.6	GP215-T006	#15/0.6	PP215-T006
#20/0.6	GP220-T006	#20/0.6	PP220-T006
#25/0.6	GP225-T006	#25/0.6	PP225-T006
#30/0.6	GP230-T006	#30/0.6	PP230-T006
#35/0.6	GP235-T006	#35/0.6	PP235-T006
#40/0.6	GP240-T006	#40/0.6	PP240-T006
#45/0.6	GP245-T006	#45/0.6	PP245-T006
#20-45 ACC	GP220-T456	#20-45 ACC	PP220-T456

3. VIAL

GP SLIDE	PRODUCTS CODE	PP SLIDE	PRODUCTS CODE
#10	GP310-V000	#10	PP310-V000
#15	GP315-V000	#15	PP315-V000
#20	GP320-V000	#20	PP320-V000
#25	GP325-V000	#25	PP325-V000
#30	GP330-V000	#30	PP330-V000
#35	GP335-V000	#35	PP335-V000
#40	GP340-V000	#40	PP340-V000
#45	GP345-V000	#45	PP345-V000
#50	GP350-V000	#50	PP350-V000
#55	GP355-V000	#55	PP355-V000
#60	GP360-V000	#60	PP360-V000
#70	GP370-V000	#70	PP370-V000
#80	GP380-V000	#80	PP380-V000
#90	GP390-V000	#90	PP390-V000
#100	GP300-V000	#100	PP300-V000
#110	GP311-V000	#110	PP311-V000
#120	GP312-V000	#120	PP312-V000
#15-40	GP315-V400	#15-40	PP315-V400
#45-80	GP345-V800	#45-80	PP345-V800

4. ENDOAIDE

GP SLIDE	PRODUCTS CODE	PP SLIDE	PRODUCTS CODE
#15-50	GP415-V800	#15-50	PP415-V800

5. ACC

GP SLIDE	PRODUCTS CODE	PP SLIDE	PRODUCTS CODE
XF	GP501-AXF0	XF	PP501-AXF0
FF	GP502-AFF0	XFF	PP502-AXXF
FINE	GP503-AF00	FINE	PP503-AF00
FINE MEDIUM	GP504-AFM0	C	PP504-AC00
MEDIUM	GP505-AM00	MEDIUM	PP505-AM00
MEDIUM FINE	GP506-AMF0	XC	PP506-AXC0

6. MM MARKED   7. CELL PACK(PP)

GP SLIDE	PRODUCTS CODE	PP SLIDE	PRODUCTS CODE
#10	GP610-MM00	#10	PP710-CE00
#15	GP615-MM00	#15	PP715-CE00
#20	GP620-MM00	#20	PP720-CE00
#25	GP625-MM00	#25	PP725-CE00
#30	GP630-MM00	#30	PP730-CE00
#35	GP635-MM00	#35	PP735-CE00
#40	GP640-MM00	#40	PP740-CE00
#45	GP645-MM00	#45	PP745-CE00
#50	GP650-MM00	#50	PP750-CE00
#55	GP655-MM00	#55	PP755-CE00
#60	GP660-MM00	#60	PP760-CE00
#70	GP670-MM00	#70	PP770-CE00
#80	GP680-MM00	#80	PP780-CE00
#15-40	GP615-MM40	#15-30	PP715-CE30
#45-80	GP645-MM80	#40-60	PP745-CE60

Vonflex S™ Putty

## Proven And Reliable Precesion Impression Material

FEATURES AND BENEFITS

● Vonflex S™ Putty, as the additional polymerization silicone type, is composed of vinyl polysiloxane impression materials with a putty consistency that makes oral tissue shape precisely.

● Vonflex S™ Putty is very easy to mix and has super dimensional stability, helps to make precise impression taking.

INDICATIONS

● For individual tray
● For taking of crown and bridge

TECHNICAL DATA

● Elastic recovery
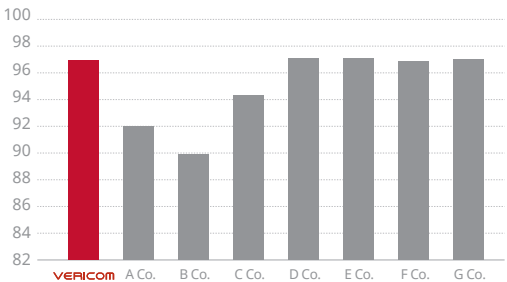
● Strain in compression
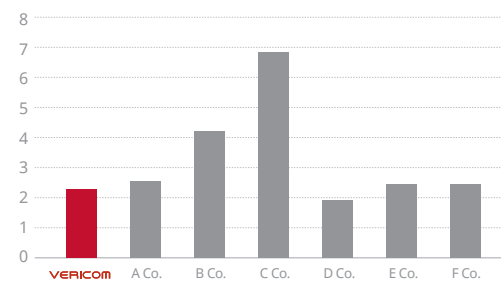
PACKAGE

ALL PRODUCTS			PRODUCT CODE	KFDA Reg. CODE
Vonflex S™ Putty	Normal	280ml Catalyst & 280ml Base with 2ea Measuring scoop	VF356-SPNS	Vonflex S Putty Soft 13
	Fast		VF356-SPFS	Vonflex S Putty Soft Q 13

Vonflex S™ Light

Excellent Hydrophilic Impression Material

Vonflex S™ Light XLV

Vonflex S™ Light

FEATURES AND BENEFITS

● Vonflex S™ Light, as the additional polymerization silicone type, is composed of excellent hydrophilic vinyl polysiloxane impression materials that makes oral tissue shape precisely.

● Vonflex S™ Light is very easy to handle and has an extra ordinary stability, helps to make precise impression taking.

INDICATIONS

● For taking of crown and bridge
● For taking of inlay and onlay

TECHNICAL DATA

● Excellent detail reproduction by optimal flowability

- Procedure of underwater test (Place coin under water and inject impression material)
- Underwater test of impression material with coin
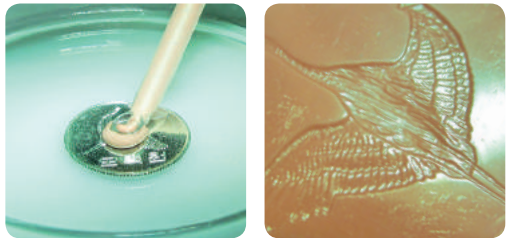
PACKAGE

ALL PRODUCTS			PRODUCT CODE	KFDA Reg. CODE
Vonflex S™ Light	Normal	50ml x 2cartridges, w/mixing tips	VF310-SLN0	Vonflex S Light 0102
		50ml x 12cartridges	VF360-SLN0	Vonflex S Light 0112
		50ml x 48cartridges	VF324-SLN0	Vonflex S Light 0148
	Fast	50ml x 2cartridges, w/mixing tips	VF310-SLF0	Vonflex S Light Q 0102
		50ml x 12cartridges	VF360-SLF0	Vonflex S Light Q 0112
		50ml x 48cartridges	VF324-SLF0	Vonflex S Light Q 0148

ALL PRODUCTS			PRODUCT CODE	KFDA Reg. CODE
Vonflex S™ Light XLV	Normal	50ml x 2cartridges, w/mixing tips	VF310-SLNX	Vonflex S Light XLV 1402
		50ml x 12cartridges	VF360-SLNX	Vonflex S Light XLV 1412
		50ml x 48cartridges	VF324-SLNX	Vonflex S Light XLV 1448
	Fast	50ml x 2cartridges, w/mixing tips	VF310-SLFX	Vonflex S Light XLV Q 1402
		50ml x 12cartridges	VF360-SLFX	Vonflex S Light XLV Q 1412
		50ml x 48cartridges	VF324-SLFX	Vonflex S Light XLV Q 1448

VERICOM
Making the World Smile

Vonflex S™ Supermix

Excellent Fixation Characteristic Material

FEATURES AND BENEFITS

- Vonflex S™ Supermix is an additional polymerization silicone type material containing hydrophilic vinyl polysiloxane component that makes precise shape of the oral tissue.
- Void-free and homogeneous mix when used with the automatic mixer
- Excellent tear strength
- High hydrophilicity
- Superior dimensional stability
- Easy to remove with excellent elastic recovery
- Extended working time

INDICATIONS

- For taking of crown and bridge
- For taking of inlay and onlay

TECHNICAL DATA

- Contact Angle (˚)
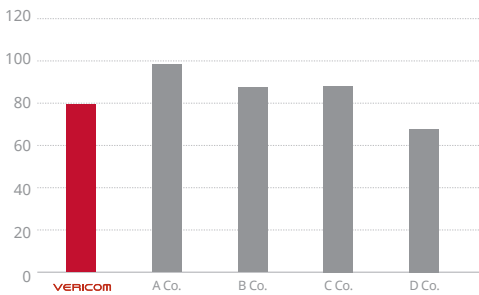
- Tear Strength (N/mm)
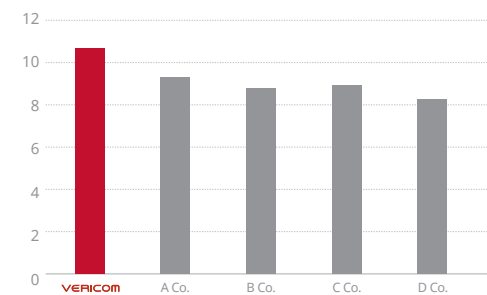
PACKAGE

ALL PRODUCTS			PRODUCT CODE (KFDA Reg. CODE)
Vonflex S™ Supermix	Normal	380ml x 2 cartridges, mixing tip 2ea, fixation ring 1ea	VF338-SSNE

Vonflex S™ Heavy

Excellent Fixation Characteristic Material

Tube Type

Injection Type

FEATURES AND BENEFITS

- Vonflex S™ Heavy, as the additional polymerization silicone type, is composed of hydrophilic vinyl polysiloxane impression materials that makes oral tissue shape precisely.
- Vonflex S™ Heavy is very easy to handle and has low deformation, helps to make precise impression taking.
- Impression material in a dual phase impression technique
- Precise duplication of models
- Capturing multiple unit impressions
- All impression techniques where the operator needs a heavy viscosity material

INDICATIONS

- For taking of crown and bridge
- For taking of inlay and onlay

TECHNICAL DATA

- Easy handling property

Vericom

Other Company

PACKAGE

ALL PRODUCTS			PRODUCT CODE	KFDA Reg. CODE
Vonflex S™ Heavy	Normal	Injection — 50ml x 2cartridges, w/mixing tips	VF310-SHN0	Vonflex S Heavy 1602
		Injection — 50ml x 12cartridges	VF360-SHN0	Vonflex S Heavy 1612
		Injection — 50ml x 48cartridges	VF324-SHN0	Vonflex S Heavy 1648
		Tube — Base 150ml & Catalyst 150ml x 2ea	VF330-SHNT	Vonflex S Heavy 16T
	Fast	Injection — 50ml x 2cartridges, w/mixing tips	VF310-SHF0	Vonflex S Heavy Q 1602
		Injection — 50ml x 12cartridges	VF360-SHF0	Vonflex S Heavy Q 1612
		Injection — 50ml x 48cartridges	VF324-SHF0	Vonflex S Heavy Q 1648
		Tube — Base 150ml & Catalyst 150ml x 2ea	VF330-SHFT	Vonflex S Heavy Q 16T

VERICOM
Making the World Smile

Dental Materials | VPS Impressions

Vonflex S™ Medium

Proven One Step Material Based on A-silicone

FEATURES AND BENEFITS

- Vonflex S™ Medium, as the additional polymerization silicone type, is composed of a hydrophilic rubber impression materials that makes oral tissue shape precisely.
- Vonflex S™ Medium is very easy to handle and has ideal consistency for monophase technique, helps to make precise impression taking.

INDICATIONS

- For taking of crown and bridge
- For taking of inlay and onlay

PACKAGE

ALL PRODUCTS			PRODUCT CODE	KFDA Reg. CODE
Vonflex S™ Medium	Normal	50ml x 2 cartridges, w/mixring tips	VF310-SMNO	Vonflex S Medium 2502
	Fast		VF310-SMFO	Vonflex S Medium Q 2502

Dental Materials | Bite Registration

Vonflex S™ Bite

Thixotropic Bite Registration Material

FEATURES AND BENEFITS

- Vonflex S™ Bite, as the additional polymerization silicone type, is composed of vinyl polysiloxane impression materials designed for making precise occlusal registrations.
- Vonflex S™ Bite is providing sharper setting and higher strength.
- Standard bite registration in the end bite position
- Portrayal of antagonists
- Coating of bite forks
- Key material for needle point registration
- Production of small model segments

INDICATIONS

- Bite registration

PACKAGE

ALL PRODUCTS		PRODUCT CODE	KFDA Reg. CODE
Vonflex S™ Bite	50ml x 2cartridges, w/mixing tips	VF310-SBNB	Vonflex S Bite 0202

Dental Meterials | Instruments Cleaner

Dual Clean™

Highly Active Enzymatic Cleaner

FEATURES AND BENEFITS

- Dual Clean™ is a dual functional/enzymatic detergent with the versatile and environmental friendly advantages.
- Dual Clean™ provides advanced cleaning function at the various tools especially medical and dental devices and instruments with the contaminating blood, protein, and organic stains.

PACKAGE

ALL PRODUCTS		PRODUCT CODE
Dual Clean™	2L	DU902-DC00

Dual Clean™ plus

Highly Active Cleaner With Disinfectant

FEATURES AND BENEFITS

- Dual Clean™ plus is an effective multi-enzyme detergent and disinfectant solution that is acting on the dual cleaning and disinfectant mechanism.
- Dual Clean™ plus is able to remove organic and biological soils deposits from all types of medical and dental instruments without physical effort.

PACKAGE

ALL PRODUCTS		PRODUCT CODE
Dual Clean™ Plus	2L	DU902-DCPS

Dental Meterials | Suction System Cleaner

Dual Vac™

Highly Active Cleaner, Disinfectant & Deodorant For All Suction Systems

FEATURES AND BENEFITS

- Dual Vac™ is a highly effective decontaminant for the cleaning, disinfecting and deodorizing of dental aspirating units and spittoon bowls.
- Dual Vac™ is dual combination of cleaning and disinfecting mechanism to easily remove biofilm of all types of suction systems units by lightly one-step running.

PACKAGE

ALL PRODUCTS		PRODUCT CODE
Dual Vac™	2L	DU902-DUVC

Dental Materials | Sonicator

FINE SONIC™

Highly Active Enzymatic Cleaner

FEATURES AND BENEFITS

● Fine Sonic™ (Ultrasonic cleaner) is more effective and faster method for saving cleaning time and cost than any current cleaning ways including scrubbing, soaking, steaming and so on.

PACKAGE

MODEL		E03	E05	E10	E20
Description		Timer (0~99 minutes), Drain valve with a hose, Alarm Heater and water bath (0~50℃/0~122℉), Tank cover			
Input Power		220W	350W	500W	700W
Output Frequency		40kHz			
Voltage		AC 110 or 220V, (50/60Hz)			
Overall Dimensions (L x W x H)	Centimeters	32.5 x 22.5 x 25.5	50.0 x 28.5 x 26.0	51.0 x 37.5 x 28.0	72.0 x 45.0 x 28.0
	Inches	12.7 x 8.77 x 9.96	19.7 x 11.2 x 10.2	20.0 x 14.8 x 11.0	28.3 x 17.7 x 11.0
Tank Capacity	Liters	3.3	5.7	10.0	20.7
	Gallons	0.87	1.5	2.64	5.47
Tank Dimensions (L x W x H)	Centimeters	24.0 x 14.0 x 10.0	30.0 x 15.5 x 15.0	30.0 x 24.0 x 15.0	50.0 x 30.0 x 15.0
	Inches	9.40 x 5.51 x 3.93	11.8 x 6.10 x 5.90	11.8 x 9.40 x 5.90	19.7 x 11.8 x 5.90
Net Product Weight	Kg	4.5	7.0	9.0	14.0
	Lbs	9.9	15.5	20.0	31.0
Shipping Box	Centimeters	42.0 x 36.0 x 34.0	50.0 x 38.0 x 38.0	59.0 x 47.0 x 40.0	82.0 x 56.0 x 42.0
	Inches	16.5 x 14.1 x 13.3	19.7 x 15.0 x 15.0	23.2 x 18.5 x 15.7	32.3 x 22.0 x 16.5
Chargeable Shipping Box Weight	Kg	8.5	12.0	18.5	32.0
	Lbs	19.0	26.5	41.0	70.5
	CBM	0.051	0.072	0.111	0.193

ALL PRODUCTS			PRODUCT CODE
Fine Sonic™	3L	Body W / Basket	UF605-003E
	5L		UF605-005E
	10L		UF605-010E
	20L		UF620-020E

Dental Materials | Disposables

V-Ject™

Superior Quality Disposable Dental Needles

FEATURES AND BENEFITS

● Primary & Secondary container: Polypropylene virgin injection medical grade-protect needle and hub
● Hub: Polypropylene virgin injection medical grade
● Needle (cannula): STS 304L -inside and outside surface of cannula
● Color Coding of Hub: The nominal outside diameter of the needle tubing identified by color coding in accordance with ISO6009 : 1992

PACKAGE

- 100pcs into 1 small box
- 10 small boxes into 1 inner box
- 8 inner boxes into 1 shipping box (8,000pcs)

PRODUCTS			PRODUCTS CODE	KFDA Reg. CODE
V-Ject™	27G (inch)	0.4 X 21mm	DN14I-2721	27G-21mm
		0.4 X 25mm	DN14I-2725	27G-25mm
		0.4 X 30mm	DN14I-2730	27G-30mm
		0.4 X 35mm	DN14I-2735	27G-35mm
		0.4 X 38mm	DN14I-2738	27G-38mm
	30G (inch)	0.3 X 12mm	DN13I-3012	30G-12mm
		0.3 X 21mm	DN13I-3021	30G-21mm
		0.3 X 25mm	DN13I-3025	30G-25mm
	31G (inch)	0.26 X 12mm	DN12I-3112	31G-12mm
	27G (metric)	0.4 X 21mm	DN24M-2721	27G-21mm
		0.4 X 25mm	DN24M-2725	27G-25mm
		0.4 X 30mm	DN24M-2730	27G-30mm
		0.4 X 35mm	DN24M-2735	27G-35mm
		0.4 X 38mm	DN24M-2738	27G-38mm
	30G (metric)	0.3 X 12mm	DN23M-3012	30G-12mm
		0.3 X 21mm	DN23M-3021	30G-21mm
		0.3 X 25mm	DN23M-3025	30G-25mm
	31G (metric)	0.26 X 12mm	DN22M-3112	31G-12mm

Eazitray™

Small

Medium

Large
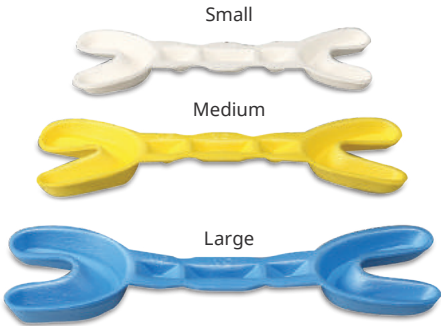
FEATURES AND BENEFITS

● Soft fluoride gel tray for professional dental purpose
● Adequate & enough anatomical depth
● Color-coded sizes for easy identification
● Placement handle for fluoride gel insertion
● Fluoride Gel Trays

PACKAGE

ALL PRODUCTS		KFDA Reg. CODE
Eazitray™ (100ea / Double form)	EZ810-000S	Eazitray Small
	EZ810-000M	Eazitray Medium
	EZ810-000L	Eazitray Large

Polishing Brushes

Silicone Cup   Scaling brush   Candle brush   Polishing brush (Hard)   Polishing brush (Soft)

PACKAGE

ALL PRODUCTS		PRODUCT CODE	KFDA Reg. CODE
Polishing Brushes	Silicone cup	72ea/pack	PB572-00SC
	Scaling brush	72ea/pack	PB572-00SB
	Polishing brush Soft	36ea/pack	PB536-00SF
	Polishing brush Hard	36ea/pack	PB536-00HA
	Candle brush	24ea/pack	PB524-00CD

Disposable Tips

Metal

25Ga. Blue Tip (OD 0.5mm)   25Ga. Black Tip (OD 0.5mm)   20Ga. Black Tip (OD 0.92mm)

FEATURES AND BENEFITS

● 45°-ben / and straight tips
● Blunt-end design for use
● Universal luer-lock style

Plastic

24Ga.Endo Tips (Any colors available)   24Ga.Endo Tips (w/mm mark)

PACKAGE

ALL PRODUCTS			PRODUCT CODE
Disposable Tips	25G Blue	100ea/bag	DT425-BU00
	25G Black		DT425-BL00
	20G Black		DT420-BL00
	Endo Tips		DT424-00ED

Accessories

Brush holder [1ea/bag]   Brush [50ea/bag, 100ea/bag]   Spatula [100ea/bag]   Mixing pad (non-slip) [50sheets / size: 5x4 / 7.5x6.5(cm)]   Mixing well [1ea/bag]
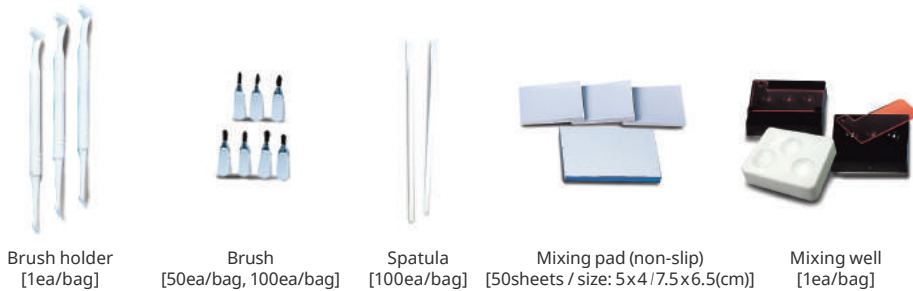
PACKAGE

ALL PRODUCTS	PRODUCT CODE
Brush holder	AC001-00BH
Brush	AC002-00BR
Mixing well	AC003-00MW
Spatula	AC004-00SP
Mixing pad	AC005-00MP

VERICOM
Making the World Smile

About
Laboratory Materials

Table of Contents

MAZIC® Duro

Nano Hybrid Ceramic for CAD/CAM

Mandrel Type

3μm

Ceramic fillers(~80%)
+
Resin matrix(~20%)

Disk Type

FEATURES AND BENEFITS

- Natural tooth-like esthetics and elasticity
- High flexural and compressive strength
- Excellent stain resistance
- Easy add-on with composite resin
- Excellent cementation
- Easy handling for adjustment of occlusal surface
- No firing and glazing : saving time, equipment and spaces
- Prosthesis treatment in 1-Day

INDICATIONS

MAZIC® Duro is available for fabricate single teeth such as inlays, onlays, veneers and full crowns.

TECHNICAL DATA

- Flexural strength
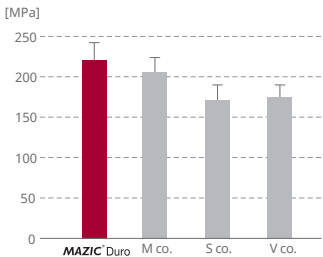
[MPa]

High flexural strength makes possible to use the material for a long time in oral.

- Vickers Hardness

[HV]

High vickers hardness makes resistant to micro-wear.

- Modulus of elasticity

[GPa]

Dentine

Modulus of elasticity similar to natural teeth minimizes the damages of antagonistic teeth as well as prosthesis.

- Patent on control technique of all direction shrinkage-stress
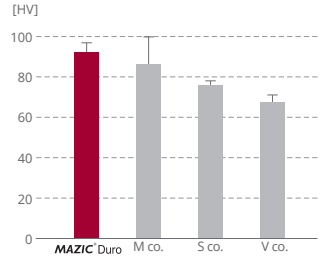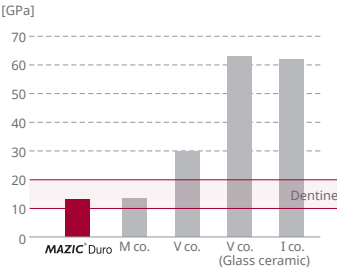
MAZIC® Duro   **Company M**

The patent technology for assuring high workability and esthetics by equally dispersing the stress of particular directions.

- **Radio-opacity**

MAZIC® Duro is easy to check dental procedures with high radio-opacity.

- **Fluorescence**

MAZIC® Duro shows natural esthetics even in mouth due to the fluorescence similar to teeth.

PACKAGE

- Mandrel Type (Cerec Type)

PRODUCT	10	12	14L
SIZE (W × L × H, mm)	10 × 8.5 × 15	12.2 × 10.2 × 15	14.5 × 14.5 × 18
SHADE HT	A1, A2, A3, B1		
SHADE LT	A1, A2, A3, A3.5, A4 (B1, C2, D2, W1)		

- Disk Type

SIZE	8T	10T	12T	14T
ø98H / ø100H	ø98/ø100	ø98/ø100	ø98	ø98
SHADE HT	A1, A2, A3			
SHADE LT	A1, A2, A3, A3.5			

TYPE	SIZE	SHADE	PRODUCT CODE	KFDA Reg. CODE
HT	10	A1	MDKHT-10A1	10H15HA1
		A2	MDKHT-10A2	10H15HA2
		A3	MDKHT-10A3	10H15HA3
		B1	MDKHT-10B1	10H15HB1
	12	A1	MDKHT-12A1	12H15HA1
		A2	MDKHT-12A2	12H15HA2
		A3	MDKHT-12A3	12H15HA3
		B1	MDKHT-12B1	12H15HB1
	14L	A1	MDKHT-14A1	14H18HA1
		A2	MDKHT-14A2	14H18HA2
		A3	MDKHT-14A3	14H18HA3
		B1	MDKHT-14B1	14H18HB1
	ø98 8T	A1	MDKHT-8TA1	98H08HA1
		A2	MDKHT-8TA2	98H08HA2
		A3	MDKHT-8TA3	98H08HA3
	ø98 10T	A1	MDKHT-98A1	98H10HA1
		A2	MDKHT-98A2	98H10HA2
		A3	MDKHT-98A3	98H10HA3
	ø98 12T	A1	MDKHT-92A1	98H12HA1
		A2	MDKHT-92A2	98H12HA2
		A3	MDKHT-92A3	98H12HA3
	ø98 14T	A1	MDKHT-94A1	98H14HA1
		A2	MDKHT-94A2	98H14HA2
		A3	MDKHT-94A3	98H14HA3
	ø100 8T	A1	MDKHT-18A1	100H08HA1
		A2	MDKHT-18A2	100H08HA2
		A3	MDKHT-18A3	100H08HA3
	ø100 10T	A1	MDKHT-01A1	100H10HA1
		A2	MDKHT-01A2	100H10HA2
		A3	MDKHT-01A3	100H10HA3

TYPE	SIZE	SHADE	PRODUCT CODE	KFDA Reg. CODE
LT	10	A1	MDKLT-10A1	10H15LA1
		A2	MDKLT-10A2	10H15LA2
		A3	MDKLT-10A3	10H15LA3
		A3.5	MDKLT-10A5	10H15LA5
	12	A1	MDKLT-12A1	12H15LA1
		A2	MDKLT-12A2	12H15LA2
		A3	MDKLT-12A3	12H15LA3
		A3.5	MDKLT-12A5	12H15LA5
		A4	MDKLT-12A4	12H15LA4
	14L	A1	MDKLT-14A1	14H18LA1
		A2	MDKLT-14A2	14H18LA2
		A3	MDKLT-14A3	14H18LA3
		A3.5	MDKLT-14A5	14H18LA5
		A4	MDKLT-14A4	14H18LA4
	ø98 8T	A1	MDKLT-8TA1	98H08LA1
		A2	MDKLT-8TA2	98H08LA2
		A3	MDKLT-8TA3	98H08LA3
		A3.5	MDKLT-8TA5	98H08LA5
	ø98 10T	A1	MDKLT-98A1	98H10LA1
		A2	MDKLT-98A2	98H10LA2
		A3	MDKLT-98A3	98H10LA3
		A3.5	MDKLT-98A5	98H10LA5
	ø98 12T	A1	MDKLT-92A1	98H12LA1
		A2	MDKLT-92A2	98H12LA2
		A3	MDKLT-92A3	98H12LA3
		A3.5	MDKLT-92A5	98H12LA5
	ø98 14T	A1	MDKLT-94A1	98H14LA1
		A2	MDKLT-94A2	98H14LA2
		A3	MDKLT-94A3	98H14LA3
		A3.5	MDKLT-94A5	98H14LA5
	ø100 8T	A1	MDKLT-18A1	100H08LA1
		A2	MDKLT-18A2	100H08LA2
		A3	MDKLT-18A3	100H08LA3
		A3.5	MDKLT-18A5	100H08LA5
	ø100 10T	A1	MDKLT-01A1	100H10LA1
		A2	MDKLT-01A2	100H10LA2
		A3	MDKLT-01A3	100H10LA3
		A3.5	MDKLT-01A5	100H10LA5

MAZIC® Claro Press

Pressable Lithium Disilicate Glass Ceramic Ingot


FEATURES AND BENEFITS

- Various translucency and shade
- High strength and excellent fracture toughness
- Excellent durability and high biocompatibility
- Light refraction and optical properties similar to enamel
- Precise fit with less reactive layer after pressing
- Outstanding press compatible with various investment materials
- Optimal hardness for easy adjustment of prosthesis

INDICATIONS

MAZIC® Claro Press has the applications in single restoration unit such as inlays, onlyas, venners, bridge, full crown and implant crown.
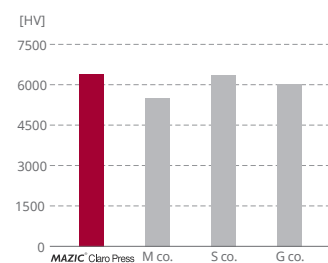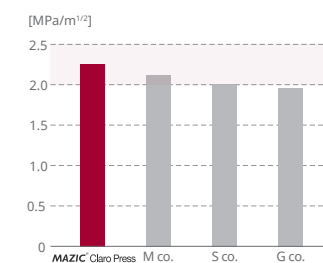
TECHNICAL DATA

- Flexural strength
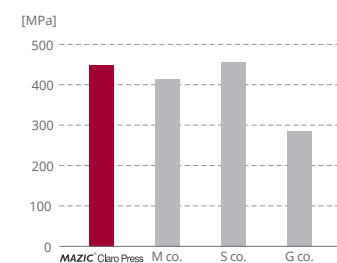
High flexural strength makes possible to use the material for a long time in oral.

- Vickers Hardness

High vickers hardness makes resistant to micro-wear.

- Fracture toughness

High fracture toughness decreases possibility of fracture by shock and others.

- Pressing Schedule

	Size	Investment Ring(g)	Start Temp (℃)	Healing Rate (℃ / min.)	Final Temp (℃)	Holding Time(min.)	Pressing (㎛ / min.)	Vacuum On (℃)	Vacuum Off (℃)
HT	10T	100			910	15	300		910
	20T	200			915	25	250		915
LT	10T	100			915	15	300		915
	20T	200	700	60	917	25	250	700	917
MO	10T	100			915	15	300		915
	20T	200			920	25	250		920
HO	10T	100			910	15	300		910
	20T	200			915	25	250		915

PACKAGE

Type		Small (S)
Size		10T
Shade	HT	A1, A2, A3, A3.5, B1, B2, BL1, BL2 and 12 Shades
	LT	A1, A2, A3, A3.5, B1, B2, BL1, BL2 and 12 Shades
	MO	0, 1 (2,3,4)
	HO	0, 1 (2)

TYPE	SHADE	PRODUCT CODE	KFDA Reg. CODE
HT	A1	MCP10-HTA1	MAZIC Claro Press HT A1 S
	A2	MCP10-HTA2	MAZIC Claro Press HT A2 S
	A3	MCP10-HTA3	MAZIC Claro Press HT A3 S
	A3.5	MCP10-HTA5	MAZIC Claro Press HT A3.5 S
	A4	MCP10-HTA4	MAZIC Claro Press HT A4 S
	B1	MCP10-HTB1	MAZIC Claro Press HT B1 S
	B2	MCP10-HTB2	MAZIC Claro Press HT B2 S
	B3	MCP10-HTB3	MAZIC Claro Press HT B3 S
	B4	MCP10-HTB4	MAZIC Claro Press HT B4 S
	C1	MCP10-HTC1	MAZIC Claro Press HT C1 S
	C2	MCP10-HTC2	MAZIC Claro Press HT C2 S
	C3	MCP10-HTC3	MAZIC Claro Press HT C3 S
	C4	MCP10-HTC4	MAZIC Claro Press HT C4 S
	D2	MCP10-HTD2	MAZIC Claro Press HT D2 S
	D3	MCP10-HTD3	MAZIC Claro Press HT D3 S
	D4	MCP10-HTD4	MAZIC Claro Press HT D4 S
	BL1	MCP10-HBL1	MAZIC Claro Press HT BL1 S
	BL2	MCP10-HBL2	MAZIC Claro Press HT BL2 S
	BL3	MCP10-HBL3	MAZIC Claro Press HT BL3 S
	BL4	MCP10-HBL4	MAZIC Claro Press HT BL4 S

TYPE	SHADE	PRODUCT CODE	KFDA Reg. CODE
LT	A1	MCP10-LTA1	MAZIC Claro Press LT A1 S
	A2	MCP10-LTA2	MAZIC Claro Press LT A2 S
	A3	MCP10-LTA3	MAZIC Claro Press LT A3 S
	A3.5	MCP10-LTA5	MAZIC Claro Press LT A3.5 S
	A4	MCP10-LTA4	MAZIC Claro Press LT A4 S
	B1	MCP10-LTB1	MAZIC Claro Press LT B1 S
	B2	MCP10-LTB2	MAZIC Claro Press LT B2 S
	C1	MCP10-LTC1	MAZIC Claro Press LT C1 S
	C2	MCP10-LTC2	MAZIC Claro Press LT C2 S
	C3	MCP10-LTC3	MAZIC Claro Press LT C3 S
	D2	MCP10-LTD2	MAZIC Claro Press LT D2 S
	D3	MCP10-LTD3	MAZIC Claro Press LT D3 S
	D4	MCP10-LTD4	MAZIC Claro Press LT D4 S
	BL1	MCP10-LBL1	MAZIC Claro Press LT BL1 S
	BL2	MCP10-LBL2	MAZIC Claro Press LT BL2 S
	BL3	MCP10-LBL3	MAZIC Claro Press LT BL3 S

TYPE	SHADE	PRODUCT CODE	KFDA Reg. CODE
MO	0	MCP10-LMO0	MAZIC Claro Press MO 0 S
	1	MCP10-LMO1	MAZIC Claro Press MO 1 S
	2	MCP10-LMO2	MAZIC Claro Press MO 2 S
	3	MCP10-LMO3	MAZIC Claro Press MO 3 S

TYPE	SHADE	PRODUCT CODE	KFDA Reg. CODE
HO	0	MCP10-LHO0	MAZIC Claro Press HO 0 S
	1	MCP10-LHO1	MAZIC Claro Press HO 1 S

MAZIC® Vest HS

Optimized for the MAZIC® Claro Press

MAZIC® Zir

Pre-sintered Zirconium Oxide Blanks (Y-TZP) For The Dental CAD/CAM system

FEATURES AND BENEFITS

●MAZIC® Zir HT Shade
- 1100~1200MPa of Flexural strength
- Excellent fracture
- Natural tooth-like translucency

●MAZIC® Zir HT Ultra
- 700~800MPa of Flexural strength
- High esthetic
- Natural tooth-like translucency

●MAZIC® Zir HT Multi
- 1100~1200MPa of Flexural strength
- Natural gradation
- Saving time and work efficiency

INDICATIONS

MAZIC® Zir HT Shade
: coping crowns, posterior crowns, bridge crowns

MAZIC® Zir HT Ultra
: inlays, venner crowns, anterior crowns

MAZIC® Zir HT Multi
: coping crowns, anterior crowns, posterior crowns, bridge crowns

PACKAGE

● HT Multi - Disk Type

PRODUCT	ø98	ø95	ø100
SIZE (T)	12T, 14T, 16T, 18T, 20T		
SHADE	Multi		

TYPE	SIZE	SHADE	PRODUCT CODE	KFDA Reg. CODE
HT Multi Disk	ø 98 12T	Multi	MZS98-12LL	MAZIC Zir-LayerLite W12
	ø 98 14T		MZS98-14LL	MAZIC Zir-LayerLite W14
	ø 98 16T		MZS98-16LL	MAZIC Zir-LayerLite W16
	ø 98 18T		MZS98-18LL	MAZIC Zir-LayerLite W18
	ø 98 20T		MZS98-20LL	MAZIC Zir-LayerLite W20

※ ø 95 & ø 100 will be released, soon.

PACKAGE

● HT Shade - Mandrel Type (Cerec Type)

PRODUCT	40L	55	65
SIZE (W × L × H, mm)	40 X 19 X 15.5	55 X 19 X 15.5	65 X 25 X 22
SHADE	0,1,2,3		

TYPE	SIZE	SHADE	PRODUCT CODE	KFDA Reg. CODE
HT Shade Mandrel	40L	0	MZB40-00A0	MAZIC Zir B-C40
		1	MZS40-00A1	MAZIC Zir-A1C40
		2	MZS40-00A2	MAZIC Zir-A2C40
		3	MZS40-00A3	MAZIC Zir-A3C40
	55	0	MZB55-00A0	MAZIC Zir B-C55
		1	MZS55-00A1	MAZIC Zir-A1C55
		2	MZS55-00A2	MAZIC Zir-A2C55
		3	MZS55-00A3	MAZIC Zir-A3C55
	65	0	MZB65-00A0	MAZIC Zir B-C65
		1	MZS65-00A1	MAZIC Zir-A1C65
		2	MZS65-00A2	MAZIC Zir-A2C65
		3	MZS65-00A2	MAZIC Zir-A3C65

● HT Shade - Disk Type

PRODUCT	ø98	ø95	ø100
SIZE (T)	10T, 12T, 14T, 16T, 18T, 20T, 22T, 25T		
SHADE	0,1,2,3		

TYPE	SIZE	SHADE	PRODUCT CODE	KFDA Reg. CODE
HT Shade Disk	ø 98 10T	0	MZB98-10A0	MAZIC Zir B-D10
		1	MZS98-10A1	MAZIC Zir-A1D10
		2	MZS98-10A2	MAZIC Zir-A2D10
		3	MZS98-10A3	MAZIC Zir-A3D10
	ø 98 12T	0	MZB98-12A0	MAZIC Zir B-W12
		1	MZS98-12A1	MAZIC Zir-A1W12
		2	MZS98-12A2	MAZIC Zir-A2W12
		3	MZS98-12A3	MAZIC Zir-A3W12
	ø 98 14T	0	MZB98-14A0	MAZIC Zir B-W14
		1	MZS98-14A1	MAZIC Zir-A1W14
		2	MZS98-14A2	MAZIC Zir-A2W14
		3	MZS98-14A3	MAZIC Zir-A3W14
	ø 98 16T	0	MZB98-16A0	MAZIC Zir B-W16
		1	MZS98-16A1	MAZIC Zir-A1W16
		2	MZS98-16A2	MAZIC Zir-A2W16
		3	MZS98-16A3	MAZIC Zir-A3W16
	ø 98 18T	0	MZB98-18A0	MAZIC Zir B-W18
		1	MZS98-18A1	MAZIC Zir-A1W18
		2	MZS98-18A2	MAZIC Zir-A2W18
		3	MZS98-18A3	MAZIC Zir-A3W18
	ø 98 20T	0	MZB98-20A0	MAZIC Zir B-W20
		1	MZS98-20A1	MAZIC Zir-A1W20
		2	MZS98-20A2	MAZIC Zir-A2W20
		3	MZS98-20A3	MAZIC Zir-A3W20
	ø 98 22T	0	MZB98-22A0	MAZIC Zir B-W22
		1	MZS98-22A1	MAZIC Zir-A1W22
		2	MZS98-22A2	MAZIC Zir-A2W22
		3	MZS98-22A3	MAZIC Zir-A3W22
	ø 98 25T	0	MZB98-25A0	MAZIC Zir B-W25
		1	MZS98-25A1	MAZIC Zir-A1W25
		2	MZS98-25A2	MAZIC Zir-A2W25
		3	MZS98-25A3	MAZIC Zir-A3W25

※ ø 95 & ø 100 will be released, soon.

● HT Ultra - Mandrel Type (Cerec Type)

PRODUCT	40L	55
SIZE (W × L × H, mm)	40 X 19 X 15.5	55 X 19 X 15.5
SHADE	0,1	

※ HT-ultra mandral type will be released, soon.

● HT Ultra - Disk Type

PRODUCT	ø98	ø95	ø100
SIZE (T)	10T, 12T, 14T, 16T, 18T, 20T, 22T, 25T		
SHADE	0,1		

TYPE	SIZE	SHADE	PRODUCT CODE	KFDA Reg. CODE
HT Ultra Disk	ø 98 10T	0	MZC98-PU10	MAZIC Zir C-Pure D10
	ø 98 12T	0	MZC98-PU12	MAZIC Zir C-Pure W12
	ø 98 14T	0	MZC98-PU14	MAZIC Zir C-Pure W14
	ø 98 16T	0	MZC98-PU16	MAZIC Zir C-Pure W16
	ø 98 18T	0	MZC98-PU18	MAZIC Zir C-Pure W18
	ø 98 20T	0	MZC98-PU20	MAZIC Zir C-Pure W20
	ø 98 22T	0	MZC98-PU22	MAZIC Zir C-Pure W22

※ ø 95 & ø 100 will be released, soon.

MAZIC® Pro

Provisional Hybrid Composite Blank for CAD/CAM

Mandrel Type

Disk Type

PACKAGE

● Mandrel Type (Cerec Type)

PRODUCT	B40L	B55
SIZE (W × L × H, mm)	15.5 × 19 × 39	15.5 × 19 × 55
SHADE	A1, A2, A3	

● Disk Type

PRODUCT	ø98
SIZE (T)	14T, 16T, 18T, 20T, 25T
SHADE	A1, A2, A3

SIZE	VOLUME	SHADE	PRODUCT CODE (KFDA Reg. CODE)
B40L	5ea	A1	ROK05-40A1
		A2	ROK05-40A2
		A3	ROK05-40A3
	10ea	A1	ROK10-40A1
		A2	ROK10-40A2
		A3	ROK10-40A3

SIZE	VOLUME	SHADE	PRODUCT CODE (KFDA Reg. CODE)
B55	5ea	A1	ROK05-55A1
		A2	ROK05-55A2
		A3	ROK05-55A3
	10ea	A1	ROK10-55A1
		A2	ROK10-55A2
		A3	ROK10-55A3

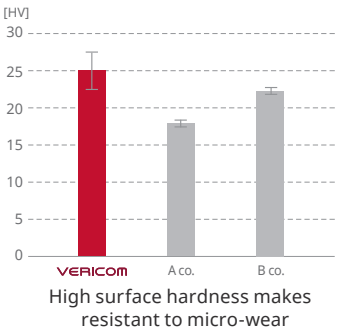| TYPE	SIZE	SHADE	PRODUCT CODE (KFDA Reg. CODE)
ø 98	14T	A1	ROK01-14A1
		A2	ROK01-14A2
		A3	ROK01-14A3
	16T	A1	ROK01-16A1
		A2	ROK01-16A2
		A3	ROK01-16A3
	18T	A1	ROK01-18A1
		A2	ROK01-18A2
		A3	ROK01-18A3
	20T	A1	ROK01-20A1
		A2	ROK01-20A2
		A3	ROK01-20A3
	25T	A1	ROK01-25A1
		A2	ROK01-25A2
		A3	ROK01-25A3

FEATURES AND BENEFITS

MAZIC® Pro is a hybrid temporary restoration material containing 10㎚ Ceramic Filler and Pearl Type Polymer. Compared to previous PMMA materials, it has distinctive aesthetic and workability.
Since its components based on the MAZIC® Duro, it features both high flexural strength and stability which is greater than PMMA. Also, it assures excellent strength and elasticity for various applications.
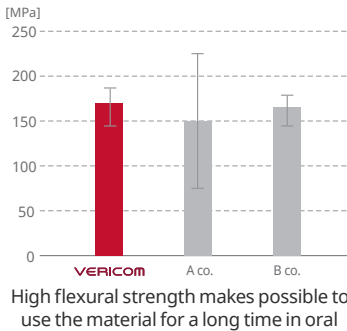
INDICATIONS

Temporary crowns , temporary bridges, implant temporaries, therapeutic restorations to correct TMJ problems and occulsal adjustments.

TECHNICAL DATA

● Surface hardness

[HV]

High surface hardness makes resistant to micro-wear

● Flexural strength

[MPa]

High flexural strength makes possible to use the material for a long time in oral

● Comparison of residues processed by Ball End Mill

More precise processed-residue by ceramic filler containing
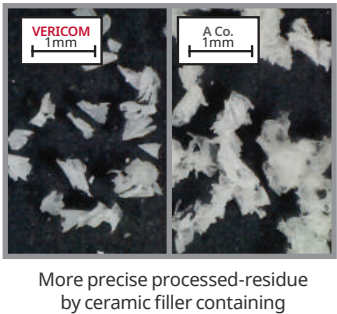
MAZIC® Wax

Millable Wax For CAD/CAM

FEATURES AND BENEFITS

● MAZIC® Wax is a wax block for pattern milling used in the casting or pressing technique and for diagnostic wax-up, mock-up and calibration of a milling machine.

INDICATIONS

● Milling of wax patterns for metal casting technique
● Milling of wax patterns for pressing technique
● Milling of wax patterns for press-over technique
● Diagnostic wax-up and mock-up
● Calibration of a milling machine

PACKAGE

- Disk Type: 1ea
- Rectangular Type: 1ea

TYPE	SIZE	PRODUCT CODE	KFDA Reg. CODE
Rectangular	76 x 38 x 10	MWK01-763810	MAZIC® Wax 763810
	76 x 38 x 12	MWK01-763812	MAZICc® Wax 763812
	76 x 38 x 14	MWK01-763814	MAZIC® Wax 763814
	76 x 38 x 16	MWK01-763816	MAZIC® Wax 763816
	76 x 38 x 18	MWK01-763818	MAZIC® Wax 763818
	76 x 38 x 20	MWK01-763820	MAZIC® Wax 763820
	76 x 38 x 22	MWK01-763822	MAZIC® Wax 763822

TYPE	SIZE	PRODUCT CODE	KFDA Reg. CODE
Disk	ø98 x 10	MWK01-9810	MAZIC® Wax 9810
	ø98 x 12	MWK01-9812	MAZIC® Wax 9812
	ø98 x 14	MWK01-9814	MAZIC® Wax 9814
	ø98 x 16	MWK01-9816	MAZIC® Wax 9816
	ø98 x 18	MWK01-9818	MAZIC® Wax 9818
	ø98 x 20	MWK01-9820	MAZIC® Wax 9820
	ø98 x 22	MWK01-9822	MAZIC® Wax 9822
	ø98 x 25	MWK01-9825	MAZIC® Wax 9825

MAZIC® Vest HS

High-performance Phosphate-based Investment Material

Powder

Liquid

FEATURES AND BENEFITS

MAZIC® Vest HS is a high-performance phosphate-bonded investment, that is designed to use the casting of all metals and pressable ceramics (MAZIC® Claro Press). It is possible to be used for various restorations such as inalys, crowns or bridges.

MIXING RATIO ACCORDING TO MATERIALS AND INDICATIONS

Materials & Indications	Mixing Ratio	100g		200g	
		Liquid (ml)	Dist. Water (ml)	Liquid (ml)	Dist. Water (ml)
Non-Precious	Ni-Cr, Co-Cr	20	5	40	10
Precious	Gold (PFG)	16.5	8.5	33	17
Pressable Ceramic	Inlay	13	12	26	24
	Crown, Veneer	15	10	30	20

1. Mixing
Put the mixed liquid in the container and add powder. After mixing in a vibrator, stir in a vacuum for 1 minute.

※ Mixing time should be adjusted according to temperature and humidity.

2. Sprueing
Attach the wax pattern to the silicon ring according to the sprueing guidelines.

3. Investing
Slowly pour the mixed investment so that it continues to fill the investment ring.

The excess investment material exits through the hole.

※ It is more effective to use a vibrator to remove air bubbles in investment materials.

PACKAGE

ALL PRODUCTS		PRODUCT CODE
MAZIC® Vest HS Liquid	1000ml (1liter)	MVEST-L1Q2
MAZIC® Vest Powder	100g*100ea (10Kg)	MVEST-POW1
MAZIC® Vest set	100g*100ea (10Kg) + 2000ml	MVEST-SET1

Laboratory Materials | Light–cured Characterization Solution

MAZIC® Glaze

Light–Cured Characterization Solution

FEATURES AND BENEFITS

MAZIC® Glaze is a light-cured characterization coating solution to stain and glaze artificial acrylic teeth and etc.

INDICATIONS

Addition of color, surface gloss and high wear resistance to restorations made of composite resin, acrylic denture base and artificial acrylic teeth.

PACKAGE

ALL PRODUCTS		PRODUCT CODE	KFDA Reg. CODE
Advanced kit	MAZIC® Glaze x 12ea, Mixing well x 1ea, Brush holder x 2ea, Brush tips (Flat type x 3ea, Line type x 3ea)	MG438-KAD0	Mazic Glaze Advanced kit
Starter kit (for inlay, crown)	MAZIC® Glaze x 3ea (Clear, Orange, A-line), Mixing well x 1ea, Brush holder x 1ea, Brush tips (Flat type x 1ea, Line type x 1ea)	MG411-KST0	Mazic Glaze Starter kit
Special kit (for denture)	MAZIC® Glaze x 3ea (Clear, Red, Pink), Mixing well x 1ea, Brush holder x 1ea, Brush tips (Flat type x 1ea, Line type x 1ea)	MG411-KSP0	Mazic Glaze Spedcial kit

● contents: Clear 5ml, the rest 3ml / ● Color: Clear, A-line, Blue, Brown, Gray, Ivory, Orange, Pink, Purple, Red, White, Yellow

Laboratory Materials | Pretreatment primer

MAZIC® Primer

Surface Pretreatment Primer

FEATURES AND BENEFITS

MAZIC® Primer improves bonding strength between resin cement and indirect restoration such as zirconia, metal glass ceramic, lithium disilicate glass ceramic and composite resin.

SPECIFICATION

Bonding enhancer between resin cement and various prosthesis such as zirconia, metal, glass ceramic, lithium disilicate glass ceramic and composite resin.

PACKAGE

ALL PRODUCTS		PRODUCT CODE	KFDA Reg. CODE
MAZIC® Primer	5ml x 1bottle	MP405-R000	MP405-R000

Laboratory Materials | Tray Resin

Eazipan LC™

Light Curing Individual Tray Resin

FEATURES AND BENEFITS

● Eazipan LC™ is a light-cured transparent thixotropic impression tray material in form of contoured plates for precise work for crown, bridge and total prosthetic technique as well as for the fabrication of bases for bite patterns.

INDICATIONS

● Individual tray for use in crown, bridge and total prosthetic technique
● Base plates for bite patterns and odontograms

PACKAGE

ALL PRODUCTS			PRODUCT CODE	KFDA Reg. CODE
Eazipan LC™	Normal pack	50sheets / Container	EP450-K000	Eazipan LC Pink

Laboratory Materials | Curing Device

Cure Box™ Dual

LED Curing Device

FEATURES AND BENEFITS

● Cure Box™ Dual, as a multi-purposed light curing device, lets most of light-cured resins in dental filed be cured by using Dual Wavelength. In comparison to other devices with UV Lamp, semipermanent lamp life allows effective curing due to 4 times stronger brightness. In addition, it prevents overheating and overcurrent by using SMPS and also supplies stable power due to the long life cycles.

SPECIFICATION

● LED Input power: 400~405㎚ / 460~465㎚
● Input power: AC 100V-240V, 50/60Hz
● Rated capacity: 65W
● Dimensions(WxDxH): 200 x 282 x 107mm

PACKAGE

ALL PRODUCTS		PRODUCT CODE
Cure Box™ Dual		-

Hipac cozy™

## Heat–curing Denture Base Resin

FEATURES AND BENEFITS

- Hipac cozy™ is a heat-curing denture base resin. It can be used as a dental acrylic resin for the fabrication of full and partial dentures.
- Hipac cozy™ has high strength and color stability and it is minimized porosity. It is easy to handle because it has sufficient working time.
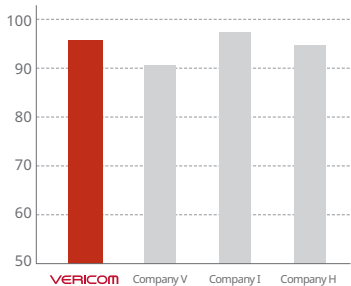
INDICATIONS

- Fabrication of full and partial dentures

TECHNICAL DATA

- Micro vickers hardness (Hv)
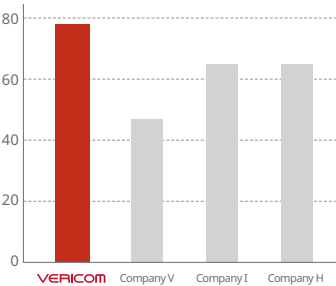
- Flexural strength (MPa)

PACKAGE

ALL PRODUCTS		PRODUCT CODE	KFDA Reg. CODE
Hipac cozy™	Powder (454g x 1 bottle), Liquid (250ml x 1 bottle)		
	Original	HC3PL-O000	Hipac cozy Original
	Light pink	HC3PL-LP00	Hipac cozy Light pink
	Reddish pink	HC3PL-RP00	Hipac cozy Reddish pink
	Pink opaque	HC3PL-PO00	Hipac cozy Pink opaque

Hipac cozy™ SC

Self–curing Denture Base Resin

FEATURES AND BENEFITS

- Hipac cozy™ SC is self-curing denture base resin. It can be used as a dental acrylic resin for the fabrication of partial and combination dentures. Also it can be used as relining and repair of denture.
- Hipac cozy™ SC has high strength and compatibility with Hipac cozy™. It is easy to handle because it has optimized polymerization time.
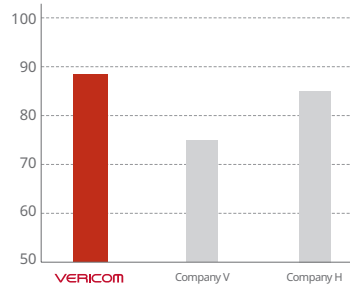
INDICATIONS

- Fabrication of partial and combination dentures
- Relining and repair of denture

TECHNICAL DATA

- Micro vickers hardness (Hv)
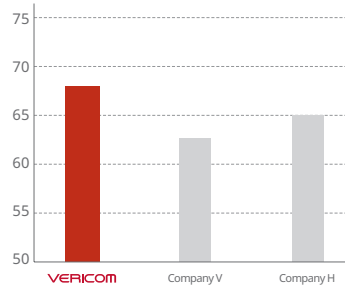
- Flexural strength (MPa)

PACKAGE

ALL PRODUCTS		PRODUCT CODE	KFDA Reg. CODE
Hipac cozy™ SC	Powder (454g x 1 bottle), Liquid (250ml x 1 bottle)		
	Original	HC3PL-O0SC	Hipac cozy SC 1
	Light pink	HC3PL-LPSC	Hipac cozy SC 2
	Reddish pink	HC3PL-RPSC	Hipac cozy SC 3
	Pink opaque	HC3PL-POSC	Hipac cozy SC 4

MAZIC® D MODEL

3D Printing Material for Dental Model

FEATURES AND BENEFITS

MAZIC® D Model is photopolymer acrylate type resin for printing dental model by DLP Printer. High strength and low shrinkage make MAZIC® D Model suitable for printing high accuracy dental model. Printed model can be used for any work that use traditional gypsum model. Color and opacity make visual detail of surface more clearly.

SPECIFICATIONS

Properites		Value
Color	Resin	Opaque yellow
	Final	Opaque yellow
Brookfield viscosity(25℃) (ISO 2555)		800~900 cP
Flexural strength (ISO 20795-1)		≥ 80 MPa
Flexural modulus (ISO 20795-1)		≥ 1,700 MPa
Shore hardness (ASTM 2240)		D80-85
Volume		250g / 500g / 1kg

MAZIC® D MODEL ORTHO

3D Printing Material for Orthodontic Model

FEATURES AND BENEFITS

MAZIC® D Model Ortho is photopolymer acrylate type resin for printing dental orthodontic model by DLP Printer. Because printed dental orthodontic model can endure high temperature and pressure, it can be used in any kind of vacuum moulding machine. Higher strength and faster printing speed than MAZIC® D Model make MAZIC® D Model Ortho more suitable for use as dental orthodontic model.

SPECIFICATIONS

Properites		Value
Color	Resin	Opaque green
	Final	Opaque pink
Brookfield viscosity(25℃) (ISO 2555)		800~900 cP
Flexural strength (ISO 20795-1)		≥ 80 MPa
Flexural modulus(ISO 20795-1)		≥ 1,500 MPa
Shore hardness (ASTM 2240)		D80-90
Thermoforming		Available
Volume		250g / 500g / 1kg

MAZIC® D SG

3D Printing Material for Implant Surgical Guide

FEATURES AND BENEFITS

MAZIC® D SG is photopolymer acrylate type resin for printing dental surgical guide by DLP printer. Printed surgical guide is used for guiding course and direction of implant and surgery equipments. Drill sleeves may be inserted directly on the printed surgical guide. It has resistance that can be sterilized using autoclave without affecting dimensional stability and mechanical properties. MAZIC® D SG has high elasticity and high output accuracy, fast printing speed, and enough strength and transparent, making it suitable for using as surgical guide.

SPECIFICATIONS & PACKAGE

Properites		Value
Color	Resin	Transparent green
	Final	Transparent orange
Brookfield viscosity(25℃) (ISO 2555)		800~900 cP
Flexural strength (ISO 20795-1)		≥ 80 MPa
Flexural modulus (ISO 20795-1)		≥ 1,500 MPa
Shore hardness (ASTM 2240)		D80-90
Biocompatibilit (ISO 10993-1)		Comply
Autoclave (121℃/30min)		Available
Volume		250g / 500g / 1kg

ALL PRODUCTS		Product Code (KFDA Reg. CODE)
MAZIC® D SG	1kg / bottle	SG410-K000
	500g / bottle	SG405-K000
	250g / bottle	SG425-S000

MAZIC® D TEMP

3D Printing Material for Temporary Crowns & Bridges

FEATURES AND BENEFITS

MAZIC® D Temp is photopolymer acrylate type resin for printing temporary crowns and bridges by DLP Printer. Output is easy to surface process and polish. Balance between opacity and translucency of printed temporary crowns and bridges is appropriate to assimilate with surrounding teeth. High strength, high output accuracy ,fast printing speed and low water solubility and sorption making it suitable for printing temporary crowns and bridges.

SPECIFICATIONS & PACKAGE

Properites	Value
Brookfield viscosity(25℃) (ISO 2555)	700~800 cP
Flexural strength (ISO 10477)	≥ 50 MPa
Flexural modulus (ISO 10477)	≥ 1,500 MPa
Shore hardness (ASTM 2240)	D80-90
Water sorption (ISO 10477)	<40 μg/㎟
Water solubility (ISO 10477)	<7.5 μg/㎟
Volume	250g / 500g / 1kg

Shade (Kg)		Product Code	Shade (g)	Product Code	Shade (g)	Product Code
BL		TP410-K0BL	BL	TP405-K0BL	BL	TP425-SSBL
A1		TP410-K0A1	A1	TP405-K0A1	A1	TP425-SSA1
A2	1kg	TP410-K0A2	A2	TP405-K0A2 500g	A2	TP425-SSA2 250g
A3		TP410-K0A3	A3	TP405-K0A3	A3	TP425-SSA3
TR		TP410-K0TR	TR	TP405-K0TR	TR	TP425-SSTR

※ Same as Product Code and KFDA Reg. CODE

MAZIC®D SPLINT

3D Printing Material for Splints & Temporary Use

FEATURES AND BENEFITS

MAZIC® D Splint is photopolymer acrylate type biocompatible resin for printing splints and retainers by DLP printer. High resolution output is clear-transparent and thereby aesthetically pleasing and also it has high hardness, strength, fracture toughness, precision for replacing previous machining methods.

SPECIFICATIONS

Properites		Value
Color	Resin	Clear-transparent
	Final	Clear-transparent
Brookfield viscosity(25℃) (ISO 2555)		1,000 ~ 1,500 cP
Flexural strength (ISO 20795-2)		≥ 50 MPa
Flexural modulus (ISO 20795-2)		≥ 1,500 MPa
Max. stress intensity factor (ISO 20795-2)		≥ 1.1 MPam^½
Total fracture work (ISO 20795-2)		≥ 250 J/m^½
Residual monomer (ISO 20795-2)		≤ 5.0 %(w/w)
Water sorption (ISO 20795-2)		≤ 32 ㎍/㎣
Water solubility (ISO 20795-2)		≤ 5.0 ㎍/㎣
Volume		250g / 500g / 1kg

MAZIC®D CAST

3D Printing Material for Castable Parts

FEATURES AND BENEFITS

MAZIC® D Cast is photopolymer acrylate type resin for printing materials replacing conventional casting wax for metal casting process by DLP Printer.
MAZIC® D Cast is fast manufacturable, low shrinkage and high flexural strength and modulus materials make it suitable for printing high accuracy and non deformable printing output. MAZIC® D Cast has advantages of no residue and easy burning during burnout process.

SPECIFICATIONS & PACKAGE

Properites		Value
Color	Resin	Opaque red
	Final	Opaque red
Brookfield viscosity(25℃) (ISO 2555)		100~300 cP
Flexural strength (ISO 20795-1)		≥ 70 MPa
Flexural modulus (ISO 20795-1)		≥ 1,700 MPa
Burnout condition		750℃ 45min
Cauterisation residual ash content		< 0.1%
Volume		250g / 500g / 1kg

# MAZIC®D-P500

DLP 3D Printer

FEATURES AND BENEFITS

- Remote upgrade and technical support available
- Low maintenance cost due to convenient replacement of Vat film
- 7-inch wide touch screen LCD for easy operation
- Offering various options by changing user-selected parameter
- Powerful slicing software for dental 3D printing
- Great results from the collaboration with global dental specialists

SPECIFICATIONS

Bulid volume	124.8(L) x 70.2(W) x 100(H)mm
Resolution	65㎛
Light source	DLP(405㎚ LED)
Printing speed	Typ. 20~30mm / hour (depend on the resin type)
Operation	Mini Computer with 7" Touch LCD
Dimensions	φ344(D) x 755(H) mm (cylindrical type)
Weight	30kg
Input power	AC 100~ 240V (Selectable) 3A, 50/60Hz

MAZIC®D oven

Compact and Simple Design Integrated Power–LED Module
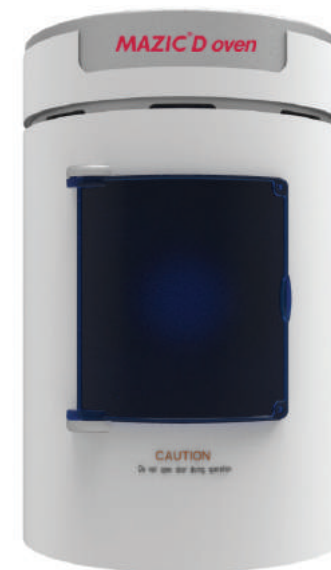
FEATURES AND BENEFITS

- Less than 5 minutes of curing time
- High efficient LEDs with smart cooling fan
- Easy operation with one-touch start/stop button
- Possible for Sterilization during curing
- Modern and fascinating design

SPECIFICATIONS

Light source	UV LED
LED min radiant flux	1100mW
LED max radiant flux	1300mW
LED operation temp	-10 ~ 85℃
Sterilization UV lamp	5W(254㎚)
Curing chamber	Ø 120,95mm(H)
Dimensions	Ø 248,385mm(H)
Weight	7kg
Input power	100-240V, 50-60Hz / 75W

Laboratory Materials | 3D Systems

MAZIC® D mixer

Rolling and Tilting Stirring Device for Mixing 3D Printing Materials

FEATURES AND BENEFITS

The MAZIC® D mixer is a rolling and tilting stirring device for mixing 3D printing materials before pouring in the resin tank of the 3D printer. Printing materials must be mixed well. Handshaking may be insufficient for highly filled and colored materials. MAZIC® D mixer should be thoroughly used to mix the materials. If materials are insufficiently mixed, printing failure may occur. MAZIC® D mixer keeps your 3D printing resins to be ready for use at any time with the best consistency.

BENEFITS

- Stirring and tilting motion
- Optimum consistency results
- Keep materials ready for use

SPECIFICATIONS

Dimension	260(W) x 155(D) x 140(H)mm
Rated voltage	AC 220V / 50-60Hz
Power	6W
Fuse	F1AL250V
Weight	3kg