

DENTAL
PRODUCT
CATALOG 2012

QUALITY DENTAL PRODUCTS

Prime Dental Manufacturing, Inc. was established August 1999 in Chicago, IL. PDM is a privately owned company located at 4555 W. Addison St. Chicago, IL 60641. The facility houses PDM research and development laboratories, sales, marketing, manufacturing, customer service and warehouse operations.

PDM's mission is to provide high quality products for the dental profession. We provide the highest quality dental materials along with custom packaging and delivery operations coupled with after the sale service and delivery.

BROAD SELECTION

Our broad line of cosmetic and restorative materials include light and chemical cure bonding agents, core build-up materials, resin glass ionomer cements, orthodontic bonding adhesives, mixing and placement accessories. For 2012 Prime Dental is honored to present our newest family of composites, Parafil (direct restoration), Parafil LAB (indirect restoration), Parafil Stain and Parafil Gingiva. We offer several different kit set-ups and delivery options to suit the needs of your specific customers and markets. Count on PDM to guide you and your dental practitioners to cost effective products that meet the demands of today's dentists and their patients.

PRICING

All prices are FOB from our shipping point, Chicago, IL USA. Freight costs are added to the invoice. Current prices are confirmed at time of ordering. All prices and specifications are subject to change without notice. We periodically offer special discounts and promotions, call us for more information.

PDM GUARANTEE

You must be completely satisfied with any product purchased from PDM. If for any reason you are dissatisfied, contact us for a return merchandise authorization number and return shipping instructions. Full credit will be issued on returns within 30 days. A 15% restocking fee is charged on any goods returned after 30 days. PDM only ships factory fresh materials, therefore products with less than half the remaining shelf life will not be accepted for full credit.



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LABORATORY 4-9

COMPOSITES 10-18

CEMENTS 19-25

BOND/ETCH 26-29

PREVENT 30-31

ENDODONTICS 32

IMPRESSION 33

WHITEN 34

PREPARE 35

CORE BUILD-UP 36-37

ORTHODONTIC 38-41

ACCESSORIES 42

Parafil™ LAB

THE ULTIMATE ZIRCONIUM COMPOSITE • NANO PARTICLES

Indirect Restoration System

Parafil LAB is a light-cured indirect restoration system for crown and bridge, inlays, onlays and veneers. It has unsurpassed durability, natural opalescence and excellent lifelike esthetics. The unique chemistry of Parafil LAB couples nano particle/ZIRCONIUM filler with a urethane dimethacrylate matrix to produce a superior composite with unsurpassed high strength, wear resistance and superior polishability. Parafil LAB material is excellently polishable and slows highly esthetic results to be achieved. The material structure of Parafil LAB contributes to the excellent grinding and polishing properties. Parafil LAB offers Parafil Gingiva for gingiva build-up. Used separately, each product gives superb results. If a patient requires teeth and gum restorations where their 'white' and 'red' esthetics need to be finely balanced, then the complete system is ideal. The shades and accessories of both products are fully harmonized so you can precisely color match your restoration to the patient and to each other, regardless of age or ethnicity.

EASE OF CURE

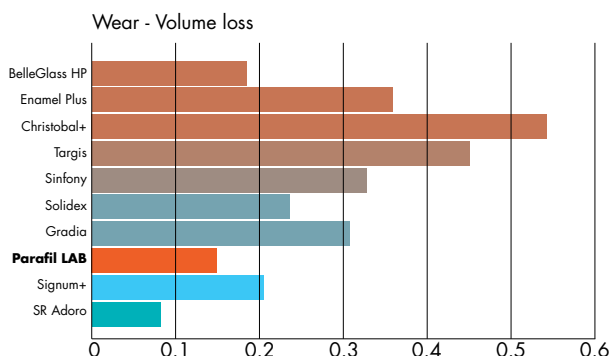
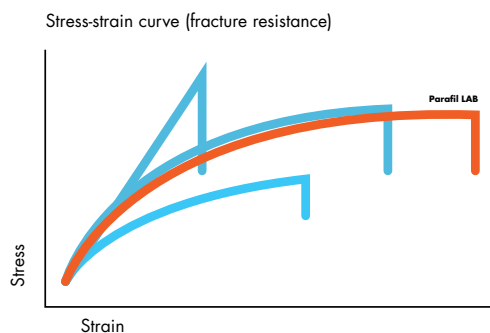
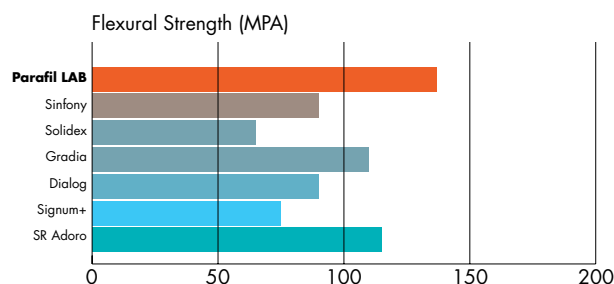
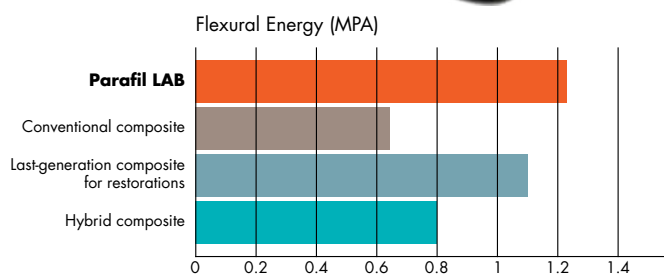
- Does not require an oven for a final cure
- Cure composite with any LED light

SUPERIOR PHYSICAL PROPERTIES

- High wear resistance
- Unsurpassed strength
- Can be used for a wide range of applications

OPTIMIZED FILLER PARTICLE SIZE

- Paste has a consistency that makes it easier to mold and shape when compared to porcelain and ceramic.
- Holds shape without slumping
- Tooth like light reflection
- No problem polishing





KITS

Parafil LAB™ Restorative 10 Syringe Kit

9999-7000

10 x 4.5g syringes (A1, A2, A3, A3.5, B3, C2, D3, UO, T, OTB), 8 x 1.6g Stain syringes (blue, pink, orange, beige, brown, grey, white, yellow), 2g Foundation Opaque Universal syringe, 2gm Margin Opaque syringe, 2g Gingiva Opaque syringe, 3 x 2g Gingiva Modifier syringes (GM21, GM22, GM23), 7ml Modifier bottle, 10gm Gel Separator syringe, 7ml Modeler bottle, 7ml Metal Primer bottle, 7ml Composite Primer bottle, 50 brush tips, 50 black needle tips, 1 brush holder, 8 mixing wells, shade guide and IFU.

Parafil LAB™ Restorative 4 Syringe Kit

9999-7001

4 x 4.5g syringes (A2, A3, A3.5, B2), 3g Gel Separator syringe, 7ml Metal Primer bottle, 7ml Composite Primer bottle, 2g Foundation Opaque Universal syringe, 2g Gingiva Opaque syringe, 25 brush tips, 25 black needle tips, 4 mixing wells, brush holder, shade guide and IFU.

Refill syringes (4.5g)

Compules (20 x .20g)

A1 9999-70A1	A1 9999-71A1
A2 9999-70A2	A2 9999-71A2
A3 9999-70A3	A3 9999-71A3
A3.5 9999-70A3.5	A3.5 9999-71A3.5
A4 9999-70A4	A4 9999-71A4
B1 9999-70B1	B1 9999-71B1
B2 9999-70B2	B2 9999-71B2
B3 9999-70B3	B3 9999-71B3
B4 9999-70B4	B4 9999-71B4
C1 9999-70C1	C1 9999-71C1
C2 9999-70C2	C2 9999-71C2
C3 9999-70C3	C3 9999-71C3
C4 9999-70C4	C4 9999-71C4
D2 9999-70D2	D2 9999-71D2
D3 9999-70D3	D3 9999-71D3
D4 9999-70D4	D4 9999-71D4
OA2 9999-70OA2	OA2 9999-71OA2
OA3 9999-70OA3	OA3 9999-71OA3
OA3.5 9999-70OA3.5	OA3.5 9999-71OA3.5
OA4 9999-70OA4	OA4 9999-71OA4
UO 9999-70UO	UO 9999-71UO
UD 9999-97UD	UD 9999-71UD
DT 9999-97DT	DT 9999-71DT
CT 9999-97CT	CT 9999-71CT
NT 9999-97NT	NT 9999-71NT
ET4 9999-97ET4	ET4 9999-71ET4
B 9999-97IB	B 9999-71IB
U 9999-97IU	U 9999-71IU
Y 9999-97IY	Y 9999-71IY
OTB 9999-97OTB	OTB 9999-71OTB
OTG 9999-97OTG	OTG 9999-71OTG
FOU 9999-97FOU	
MO 9999-97MO	

Advantages

- Efficient polishing.
- Convenient polishing properties.
- Does not require an oven unit for a final cure.
- Parafil LAB offers outstanding esthetics - true to life color and translucency for beautiful, natural looking restorations.
- Level of translucency and light transmission similar to natural dentition. Parafil LAB restorations are bright, opalescent and have a warm looking appearance.
- Less shrinking and builds up like porcelain & ceramic.
- Quicker fabrication compared to porcelain & ceramic.
- Unsurpassed strength.
- Incrementally light-cures with any LED light, once again no oven curing unit needed for final cure.
- Parafil LAB restorations can be permanently cemented with Prime-Dent® Automix Dual Cure Composite Luting Cement.
- Conveniently available in 31 shades

Related Products

Parafil™ Metal Primer 7ml bottle **9999-7220**
Parafil™ Composite Primer 7ml bottle **9999-7230**

Parafil™ Separator

3g syringe **9999-7240**

10g syringe **9999-7241**
Parafil™ Modifier 7ml bottle **9999-7250**
Parafil™ Modeler 7ml bottle **9999-7260**


LUTING CEMENT DC automix syringe

Recommended for
cementation, pg. 21



Pictures provided by Dr. Ulises De Leon, Chicago IL, 60641 USA



Pictures provided by Dr. Ulises De Leon, Chicago IL, 60641 USA

Shade Combination Chart

	Foundation Opaque Universal	FOU																
O p a q u e	Margin Opaque	MO																
	Opaque Original Shade	OA2	OA3	OA3,5	OA4													
	Classical Shade	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4	
	Parafil Stains	Blue	Pink	Orange	Beige	Brown	Grey	White	Yellow									
T r a n s p a r e n t	Translucent	DT	CT	NT	ET4													
	Incisal	B	U	Y														
	Opalescent	OTB	OTG															

Parafil Gingiva shade combination chart

O	Gingiva Opaque	GO12		
	Gingiva Opaque Modifier	GOM2		
B	Gingiva	G21	G22	G23
	Modifier (Gel)	GM21	GM22	GM23

Parafil™

Gingiva

Light-Cured Gingival Shade System

Parafil™ Gingiva was designed to recreate the natural gum shades. With this light-curing composite gingiva tissues can be reproduced by means of basic or multiple layering techniques. It is fully compatible with the Parafil™ LAB (indirect bonding) Zirconium Restorative Composite System. Parafil™ Gingiva also delivers unlimited possibilities for characterization of acrylic dentures.

Even in cases of smaller or larger ceramic restorations, (implant technique, partial denture) the natural appearance of the gingiva can easily be restored

BENEFITS

- Natural appearance
- Individual adaptation to natural gingival shades
- Perfect shade reproduction for high aesthetic demands
- Unlimited possibilities for gingival shade imitation
- Easy application and build-up
- Easy to polish
- Perfect adaptation to Parafil™ LAB composite system
- Easy to clean with the tooth brush
- Colour stability
- Long service life
- Environmentally friendly usage

FEATURES

- Gum shades based on natural gingival shades
- Variety of gum shades and modifiers
- Composition based on Parafil™ LAB
- Zirconium filled composite with high strength and wear resistance
- Non-sticky texture



G21



G22



G23

Parafil™ Gingiva 8 Syringe Kit

9999-7300

3 x 4.5g Gingiva Body syringes (G21, G22, G23),
3 x 2g Gingiva Modifier syringes (GM21, GM22, GM23),
2g Gingiva Opaque syringe, 2g Gingiva Opaque Modifier syringe and IFU.

Parafil™ Gingiva Modifier Syringe (2g)

GM21

9999-GM21

GM22

9999-GM22

GM23

9999-GM23

Parafil™ Gingiva Body Syringe (4.5g)

G21

9999-9G21

G22

9999-9G22

G23

9999-9G23

Parafil™ Gingiva Opaque Syringe (2g)

9999-GO12

Parafil™ Gingiva Opaque Modifier Syringe (2g)

9999-GOM2



Parafil™ Stain

Parafil Stain consists of 8 characterization stain color material in syringes with an ultra-fine tip for the characterization of direct and indirect composite restorations and for masking discoloured tooth structure. The ultra-fine tips allow the material to be applied directly without it having to be dispensed on a mixing pad. Parafil Satin can be used together with Parafil LAB, Parafil and other light cure restorative materials manufactured by Prime Dental.



Indications

Masking of discoloured tooth structure

Simulation of discoloured fissures, white spots, enamel cracks/hairline cracks and translucent enamel

Characterization of translucent enamel, lab-fabricated composite inlays, temporary crowns and bridges

Parafil™ Stain 8 Syringe Kit

9999-7100

8 x 1.6g syringes (beige, blue, brown, yellow, white, orange, gray, pink).

Parafil™ Stain Syringe Refill (1.6g)

Beige	9999-71BE
Blue	9999-71BL
Brown	9999-71BR
Yellow	9999-71YE
White	9999-71WH
Orange	9999-71OR
Gray	9999-71GR
Pink	9999-71PI

Parafil™

Light cured direct zirconium composite

Parafil™ Universal Restorative Material is a visible-light activated, radiopaque, restorative composite. Parafil™ is designed for use in both anterior and posterior restorations. The filler is comprised of zirconia silica, the inorganic filler loading is 60% by volume (with silane treatment) and has a particle size range of 0.04 to 2.0 μm . Parafil™ restorative contains BIS-GMA, UDMA and TRI-EDMA resins. A dental adhesive, manufactured by Prime Dental, is used to permanently bond the restoration to the tooth structure. Parafil™ is available in 31 different shades and is housed in both traditional syringes and single dose compules.





AN ALL-IN-ONE COMPOSITE

There was a time when you used a strong composite for posterior fillings, and a highly esthetic composite for anterior work. Prime Dental has developed a single composite that is strong and esthetic enough to do it all, we consider ParaFil™ the multi tool of composites. Just imagine how easy it will be to use a single composite anywhere in the mouth. A composite that is cosmetically appealing for anterior restorations and also strong enough to combat the stress of chewing in posterior restorations.

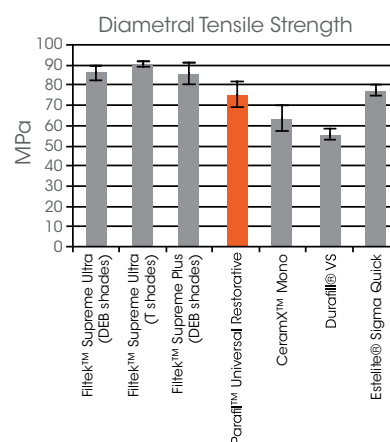
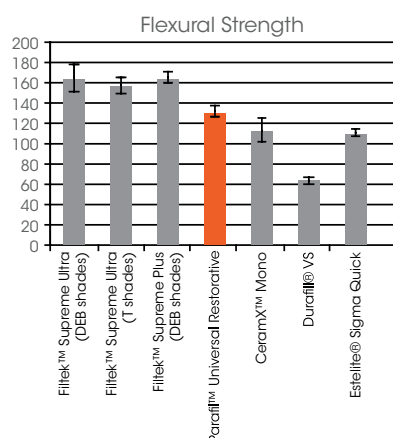
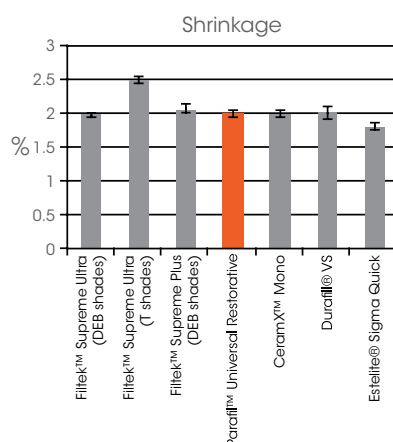
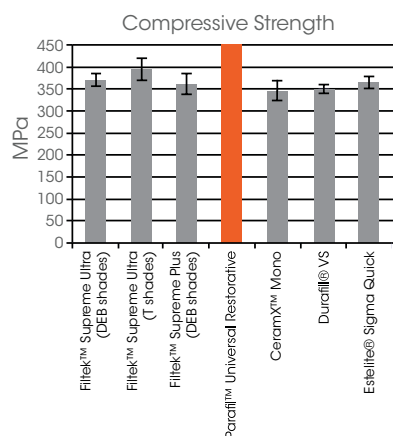
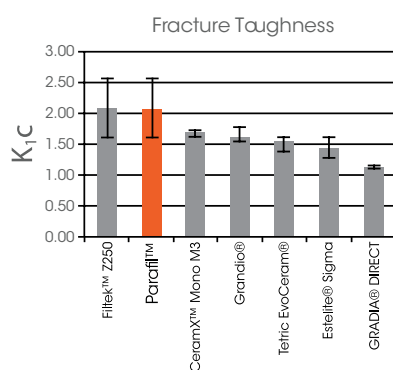
	Opaque Original Shade	OA2	OA3	OA3.5	OA4	UO	UD											
	Classical Shade	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4	
T r a n s p a r e n t	Translucent	DT	CT	NT	ET4													
	Incisal	B	U	Y														
	Opalescent	OTB	OTG															

Astounding polish: We've created Parafil™ for simpler polishing and better polish retention. Parafil™ surpasses any microfill.

Translucent shade handling: Our translucent shades have the same nonsticky, great paste handling as the other opacities. The translucent shade is also available in compules.

Excellent marginal adaptation: Makes it incredibly easy to shape and mold.

Proven physical properties: Including reduced shrinkage for less post-operative sensitivity, low wear and high fracture toughness.





KITS

Parafil™ Restorative 8 Syringe Kit

9999-9000

8 x 4.5g syringes (A1, A2, A3, A3.5, B3, C2, D3 and Universal Dentin), 7ml bonding bottle, 7ml surface sealant bottle, 4gm etchant gel syringe, 2 x mixing wells, brush holder, 25 brush tips, 10 dispensing needles tips, shade guide and IFU.

Parafil™ Restorative 4 Syringe Kit

9999-9001

4 x 4.5g syringes (A2, A3, A3.5 and Universal Dentin), 7ml bonding bottle, 7ml surface sealant bottle, 4gm etchant gel syringe, 2 mixing wells, brush holder, 15 brush tips, 5 dispensing needles tips, shade guide and IFU.

Parafil™ Restorative 2 Syringe Kit

9999-9002

2 x 4.5g syringes (A2 and A3), 3ml bonding bottle, 1.2ml etchant gel syringe, mixing pad, brush holder, 5 brush tips, 3 dispensing needles tips, shade guide and IFU.

Refill syringes (4.5g)

A1 9999-90A1
A2 9999-90A2
A3 9999-90A3
A3.5 9999-90A3.5
A4 9999-90A4
B1 9999-90B1
B2 9999-90B2
B3 9999-90B3
B4 9999-90B4
C1 9999-90C1
C2 9999-90C2
C3 9999-90C3
C4 9999-90C4
D2 9999-90D2
D3 9999-90D3
D4 9999-90D4
OA2 9999-90OA2
OA3 9999-90OA3
OA3.5 9999-90OA3.5
OA4 9999-90OA4
UO 9999-90UO
UD 9999-90UD
DT 9999-90DT
CT 9999-90CT
NT 9999-90NT
ET4 9999-90ET4
B 9999-90IB
U 9999-90IU
Y 9999-90IY
OTB 9999-90OTB
OTG 9999-90OTG

Compules (20 x .20g)

A1 9999-91A1
A2 9999-91A2
A3 9999-91A3
A3.5 9999-91A3.5
A4 9999-91A4
B1 9999-91B1
B2 9999-91B2
B3 9999-91B3
B4 9999-91B4
C1 9999-91C1
C2 9999-91C2
C3 9999-91C3
C4 9999-91C4
D2 9999-91D2
D3 9999-91D3
D4 9999-91D4
OA2 9999-91OA2
OA3 9999-91OA3
OA3.5 9999-91OA3.5
OA4 9999-91OA4
UO 9999-91UO
UD 9999-91UD
DT 9999-91DT
CT 9999-91CT
NT 9999-91NT
ET4 9999-91ET4
B 9999-91IB
U 9999-91IU
Y 9999-91IY
OTB 9999-91OTB
OTG 9999-91OTG



Restoration created using three shades of Parafil™



Amalgam filling replaced by Parafil™ in a posterior restoration, creating a strong, esthetic outcome.

PRIME-DENT®

NANO-HYBRID COMPOSITE

A resin composite with unique nanofiller technology. Formulated with nanocluster filler particles, the composite is purposed to combine the strength of a hybrid and the polish of a microfil. Nanomers are discrete nanogglomerated particles of 7 nm in size. Nanoclusters are loosely bound agglomerates of nano-sized particles. The agglomerates act as a single combination of non-agglomerated 7 nm nanosilica filler and aggregated schott glass/silica nanocluster filler. The cluster particle size range is .7 microns. The filler loading is 74% by weight. This reportedly provides increased filler loading, better physical properties and improved polish retention when compared to composites containing only nanoclusters.

KITS

Prime-Dent® Nano-Hybrid Composite 7 Syringes 001-610

7 x 4.5g syringes (A1, A2, A3, A3.5, B2, C1, UO), 7ml one-step bonding adhesive bottle, 7ml surface sealant bottle, 4gm etchant gel syringe, 15 brush tips, 5 dispensing needle tips, 1 brush holder, 2 mixing wells and IFU.

Prime-Dent® Nano-Hybrid Composite 4 Syringes 001-614

4 x 4.5 g syringes (A2, A3, A3.5, B2), 7ml one-step bonding adhesive bottle, 7ml surface sealant bottle, 4gm etchant gel syringe, 15 brush tips, 5 dispensing needle tips, 1 brush holder, 2 mixing wells and IFU.

Prime-Dent® Nano-Hybrid Composite 2 Syringes 001-616

2 x 4.5g syringes (A2, A3), 3ml one-step bonding adhesive bottle, 1.2gm etchant gel syringe, 15 brush tips, 3 dispensing tips and IFU.



Benefits and Features

- Easy to control during placement
- Not sensitive to ambient light
- Adapts well to cavity preparations
- Does not stick to the placement instruments
- Can be contoured to the desired shape before curing
- Highly rated for blending with tooth structure, radiopacity, and ease of finishing
- Finished and polished to a high luster
- Fluoride release



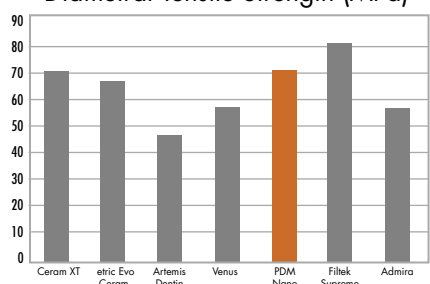
Refill syringes (4.5g)

A1	001-601A1
A2	001-601A2
A3	001-601A3
A3.5	001-601A3.5
A4	001-601A4
B1	001-601B1
B2	001-601B2
B3	001-601B3
B4	001-601B4
C1	001-601C1
C2	001-601C2
C3	001-601C3
C4	001-601C4
D2	001-601D2
D3	001-601D3
D4	001-601D4
OA2	001-601OA2
OA3	001-601OA3
OA3.5	001-601OA3.5
OA4	001-601OA4
UO	001-601UO
UD	001-601UD
DT	001-601DT
CT	001-601CT
NT	001-601NT
ET4	001-601ET4
B	001-601B
U	001-601U
Y	001-601Y
OTB	001-601OTB
OTG	001-601OTG

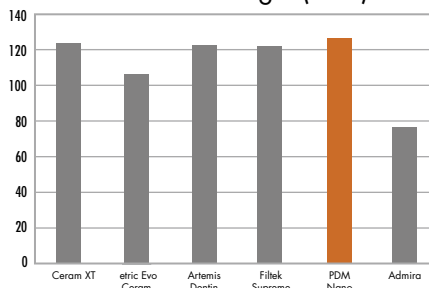
Compules (20 x .20g)

A1	001-619A1
A2	001-619A2
A3	001-619A3
A3.5	001-619A3.5
A4	001-619A4
B1	001-619B1
B2	001-619B2
B3	001-619B3
B4	001-619B4
C1	001-619C1
C2	001-619C2
C3	001-619C3
C4	001-619C4
D2	001-619D2
D3	001-619D3
D4	001-619D4
OA2	001-619OA2
OA3	001-619OA3
OA3.5	001-619OA3.5
OA4	001-619OA4
UO	001-619UO
UD	001-619UD
DT	001-619DT
CT	001-619CT
NT	001-619NT
ET4	001-619ET4
B	001-619B
U	001-619U
Y	001-619Y
OTB	001-619OTB
OTG	001-619OTG

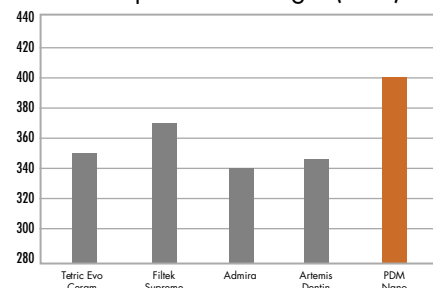
Diametral Tensile Strength (MPa)



Flexural Strength (MPa)



Compressive Strength (MPa)



PRIME-DENT®

MICRO-HYBRID COMPOSITE

A light cured resin-based dental restorative composite which contains approximately 76% by weight (60% by volume) inorganic filler with an average particle size of 0.7 microns. Ideally suited for anterior and posterior restorations. With high polish, handling characteristics and esthetic properties most preferred by dentists.

KITS

Prime-Dent® Nano-Hybrid Composite 7 Syringes 001-410

7 x 4.5g syringes (A1, A2, A3, A3.5, B2, C1, UO),
7ml one-step bonding adhesive bottle, 7ml surface
sealant bottle, 4gm etchant gel syringe, 15 brush tips, 5
dispensing needle tips, 1 brush holder, 2 mixing wells and
IFU.

Prime-Dent® Nano-Hybrid Composite 4 Syringes 001-414

4 x 4.5 g syringes (A2, A3, A3.5, B2), 7ml one-step
bonding adhesive bottle, 7ml surface sealant bottle, 4gm
etchant gel syringe, 15 brush tips, 5 dispensing needle
tips, 1 brush holder, 2 mixing wells and IFU.

Prime-Dent® Nano-Hybrid Composite 2 Syringes 001-416

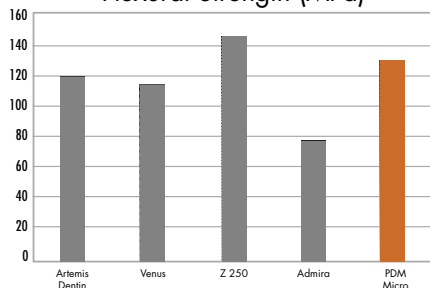
2 x 4.5g syringes (A2, A3), 3ml one-step bonding
adhesive bottle, 1.2gm etchant gel syringe, 15 brush tips,
3 dispensing tips and IFU.

**Refill syringes (4.5g)****Compules (20 x .20g)**

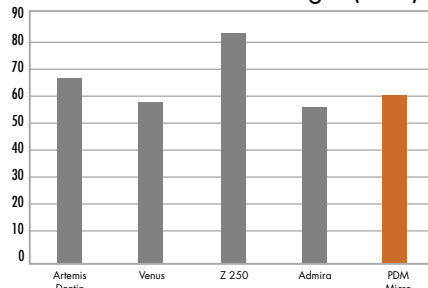
A1	001-401A1	001-419A1
A2	001-401A2	001-419A2
A3	001-401A3	001-419A3
A3.5	001-401A3.5	001-419A3.5
A4	001-401A4	001-419A4
B1	001-401B1	001-419B1
B2	001-401B2	001-419B2
B3	001-401B3	001-419B3
B4	001-401B4	001-419B4
C1	001-401C1	001-419C1
C2	001-401C2	001-419C2
C3	001-401C3	001-419C3
C4	001-401C4	001-419C4
D2	001-401D2	001-419D2
D3	001-401D3	001-419D3
D4	001-401D4	001-419D4
Incisal	001-401I	001-619I
Opaque	001-401O	001-419O
OA2	001-401OA2	001-419OA2
OA3	001-401OA3	001-419OA3
OA3.5	001-401OA3.5	001-419OA3.5
OA4	001-401OA4	001-419OA4



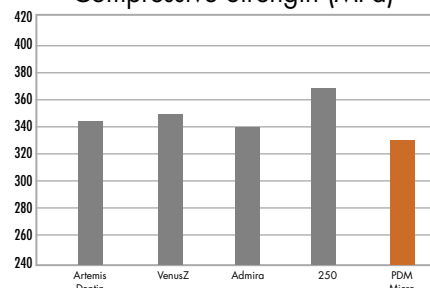
Flexural Strength (MPa)



Diametral Tensile Strength (MPa)



Compressive Strength (MPa)



PRIME-DENT®

HYBRID COMPOSITE

A light cured resin-based composite used for all types of cavity preparations. An ideal choice for both anterior and posterior applications. Easy to mold, sculpt and polish to a high luster. Has high compressive strength as well as low shrinkage and resists wear and staining. Radiopaque for easy identifications in radiographs. Incisal (translucent) and dentin (opaque) shades available.

Benefits and Features

- Available in 15 Vita shades
- High viscosity non-sticky formula for optimum handling
- Hybrid formula provides strength and polishability
- Fast, deep light activated in only 20 seconds for lighter shades
- Radiopaque



KITS

Prime-Dent® Hybrid Composite 7 Syringes 001-010

7 x 4.5g syringes (A1, A2, A3, A3.5, B2, C1, U0), 7ml light cure dentin/enamel bonding adhesive bottle, 7.5ml etchant liquid bottle, brush holder, 15 brush tips, mixing pad and IFU.

Prime-Dent® Hybrid Composite 4 Syringes 001-014

4 x 4.5 g syringes (A2, A3, A3.5, B2), 3ml light cure dentin/enamel bonding adhesive bottle, 3ml etchant liquid bottle, brush holder, 15 brush tips, mixing pad and IFU.

Prime-Dent® Hybrid Composite 2 Syringes 001-016

2 x 4.5g syringes (A2, A3), 3ml light cure dentin/enamel bonding adhesive bottle, 1.2ml etchant gel syringe, 15 brush tips, mixing pad and IFU.

Refill syringes (4.5g)

Compules (20 x .20g)

A1	001-001A1	001-019A1
A2	001-001A2	001-019A2
A3	001-001A3	001-019A3
A3.5	001-001A3.5	001-019A3.5
A4	001-001A4	001-019A4
B1	001-001B1	001-019B1
B2	001-001B2	001-019B2
B3	001-001B3	001-019B3
B4	001-001B4	001-019B4
C1	001-001C1	001-019C1
C2	001-001C2	001-019C2
C3	001-001C3	001-019C3
C4	001-001C4	001-019C4
D2	001-001D2	001-019D2
D3	001-001D3	001-019D3
D4	001-001D4	001-019D4
Incisal	001-001I	001-019I
Opaque	001-001O	001-019O
OA2	001-001OA2	001-019OA2
OA3	001-001OA3	001-019OA3
OA3.5	001-001OA3.5	001-019OA3.5



PRIME-DENT®

FLOWABLE COMPOSITE

Highly polishable, 67% filled, esthetic composite used for all types of cavity preparations.

The composite has a nominal particle size of 0.7 micron. An ideal choice for both anterior and posterior applications and also as a pit and fissure sealant. Ideal for repairing small defects and filling in cervical gaps caused by toothbrush erosion and receding gums.

Also used to eliminate undercuts prior to taking impressions for composite inlays and to line cavities and fill in difficult access areas prior to placing condensable composites.

Easy to polish to a high luster. Has high compressive strength as well as low shrinkage, resists wear and staining. Radiopaque for easy identification in radiographs.

Benefits and Features

- Available in 18 Vita shades
- Micro-Hybrid formula provides strength and polishability
- Fast, deep light activation in only 30 seconds for lighter shades.
Deep light activation in 40 seconds for darker shades.
- Radiopaque
- Fluoride releasing
- Low shrinkage
- High compressive strength

**TECHNICAL DATA**

• Weight/Volume	67%/54%
• Compressive Strength	290 MPa
• Diametral Tensile Strength	47 MPa
• Flexural Strength	125 MPa

4 Syringe Kit

4 x 2gm syringes, 20 dispensing tips and IFU

Refills Syringes (2g)**A2, A3, A3.5, B2 004-010**

A1	004-010A1	004-101A1
A2	004-010A2	004-101A2
A3	004-010A3	004-101A3
A3.5	004-010A3.5	004-101A3.5
A4	004-010A4	004-101A4
B1	004-010B1	004-101B1
B2	004-010B2	004-101B2
B3	004-010B3	004-101B3
B4	004-010B4	004-101B4
C1	004-010C1	004-101C1
C2	004-010C2	004-101C2
C3	004-010C3	004-101C3
C4	004-010C4	004-101C4
D2	004-010D2	004-101D2
D3	004-010D3	004-101D3
D4	004-010D4	004-101D4
Incisal	004-010I	004-101I
Opaque	004-010O	004-101O
OA2	004-010OA2	004-101OA2
OA3	004-010OA3	004-101OA3
OA3.5	004-010OA3.5	004-101OA3.5



PRIME-DENT®

CHEMICAL CURE COMPOSITE

A highly filled, non-sticky, self curing hybrid anterior/posterior composite filling material. It is a convenient universal shade, paste/paste system.

The restorative has high strength (270 MPa compressive) with low water sorption and solubility.

The material can be condensed into the cavity preparation up to the enamel-dentinal joint as a base layer or be filled to the cavo-surface margin for a complete self cure composite restoration. Quick setting eliminates time spent with incremental placement of light cure materials.



KITS

Prime-Dent® Chemical Cure Composite Kit 15/15g with Bonding **002-012**

15g catalyst paste jar, 15g base paste jar, 3ml catalyst bonding resin bottle, 3ml base bonding resin bottle, 7.5ml etchant liquid bottle and accessories.

Prime-Dent® Chemical Cure Composite Kit 3/3g **002-001**

3g catalyst paste jar, 3g base paste jar and accessories.

Prime-Dent® Chemical Cure Composite Kit 3/3g with Bonding **002-001B**

3g catalyst paste jar, 3g base paste jar, 3ml catalyst bonding resin bottle, 3ml base bonding resin bottle, 3ml etchant liquid bottle and accessories.

Prime-Dent® Chemical Cure Composite Kit 5/5g with Bonding **002-002**

5g catalyst paste jar, 5g base paste jar, 3ml catalyst bonding resin bottle, 3ml base bonding resin bottle, 3ml etchant liquid bottle and accessories.

Prime-Dent® Chemical Cure Composite Kit 5/5g **002-003**

5g catalyst paste jar, 5g base paste jar and accessories.

Prime-Dent® Chemical Cure Composite Kit 7/7g **002-004**

7g catalyst paste jar, 7g base paste jar and accessories.

Prime-Dent® Chemical Cure Composite Kit 7/7g with Bonding **002-005**

7g catalyst paste jar, 7g base paste jar, 3ml catalyst bonding resin bottle, 3ml base bonding resin bottle, 3ml etchant liquid bottle and accessories.

Prime-Dent® Chemical Cure Composite Kit 15/15g **002-011**

15g catalyst paste jar, 15g base paste jar and accessories.

Prime-Dent® Chemical Cure Composite Kit 30/30g **002-017**

30g catalyst paste jar, 30g base paste jar and accessories.

Prime-Dent® Chemical Cure Composite Kit 30/30g with Bonding **002-018**

30g catalyst paste jar, 30g base paste jar, 3ml catalyst bonding resin bottle, 3ml base bonding resin bottle, 7.5ml etchant liquid bottle and accessories.

Prime-Dent® Chemical Cure Composite Kit 1.5/1.5g **002-022**

1.5g catalyst paste jar, 1.5g base paste jar and accessories.

Prime-Dent® Chemical Cure Composite Kit 1.5/1.5g with Bonding **002-023**

1.5g catalyst paste jar, 1.5g base paste jar, 3ml catalyst bonding resin bottle, 3ml base bonding resin bottle, 3ml etchant liquid bottle and accessories.

Refill Catalyst Paste

30g Jar	002-052
15g Jar	002-050
7g Jar	002-054
5g Jar	002-056
3g Jar	002-058

Refill Base Paste

30g Jar	002-053
15g Jar	002-051
7g Jar	002-055
5g Jar	002-057
3g Jar	002-059

PRIME-DENT®

GI RESTORATIVE**Radiopaque Glass Ionomer Restorative Cement**

A self-cured glass ionomer restorative. It's high surface hardness provides for a durable restoration.

Benefits and Features

- Available in multiple shades
- Fluoride release
- Radiopaque
- Superior tear and bond strengths

KITS & REFILLS**Prime-Dent® GI Restorative Kit 18g/17.5ml 010-060**

18g powder bottle, 17.5ml liquid bottle, accessories and IFU

Prime-Dent® GI Restorative Kit 10g/6ml 010-061

10g powder bottle, 6ml liquid bottle, accessories and IFU

Prime-Dent® GI Restorative Powder Refill 010-062

18g powder bottle

Prime-Dent® GI Restorative Liquid Refill 010-063

17.5ml liquid bottle

Prime-Dent® GI Restorative Powder Refill 010-064

10g powder bottle

Prime-Dent® GI Restorative Liquid Refill 010-065

6ml liquid bottle



PRIME-DENT®

GLASS IONOMER CEMENT
Powder/Liquid System

An advanced formulation designed as a multi-purpose final cement for the cementation of crowns, bridges, inlays and onlays, as well as certain orthodontic applications.

The cement chemically bonds to enamel, dentin and metal structures. Ideal for use as a liner under composite, amalgam or porcelain restorations where a thin lining is indicated.

The cement is radiopaque and has cariostatic properties by naturally releasing fluoride.

KIT & REFILLS**Prime-Dent® Glass Ionomer Cement Kit 010-020**

18g powder, 17.5 liquid, accessories and IFU

Prime-Dent® Glass Ionomer Cement Kit 010-023

10g powder, 6ml liquid, accessories and IFU

Prime-Dent® GI Cement Powder Refill 010-021

18g powder bottle

Prime-Dent® GI Cement Cement Refill 010-022

17.5ml liquid bottle



PRIME-DENT®

NON-EUGENOL TEMPORARY CEMENT

Cementation of crowns, bridges and splints. Retention of temporary crowns, sealing dressing in teeth during root canal therapy procedures. Trial cementation of permanent restorations prior to final insertion. Testing of interproximal contact prior to final placement

Insoluble in mouth fluids and retains a tight marginal seal to prevent seepage of these fluids under the restorations. The cement will withstand functional stresses and permit ease of removal.

In addition it has sufficient flow to facilitate complete seating of the restorations. The product is intended for use less than 30 days.

Benefits and Features

- Automix syringe system
- Automix syringe prevents air bubbles
- Different outlets prevent cross contamination
- Efficient mixing reduces waste
- Radiopaque
- Non-Eugenol for use in cases where a Eugenol temporary cement is not recommended
- Protects the gingival tissue
- Saliva resistant
- Excellent handling properties
- Securely resists the forces of mastication to enhance patients comfort



1 syringe kit

AUTOMIX SYRINGE KITS & REFILLS

Prime-Dent® Non-Eugenol Temporary Cement 4 Syringe Kit **023-013**

4 x 6g cement syringes, 20 mixing tips and IFU

Prime-Dent® Non-Eugenol Temporary Cement 1 Syringe Kit **023-012**

6g cement syringe, 5 mixing tips and IFU

Prime-Dent® Non-Eugenol Temporary Cement 6g Syringe Refill **023-014**

Mixing Tips

25 per bag **003-044**

AUTOMIX CARTRIDGE KIT & REFILLS

Prime-Dent® Temporary Cement NE 32g Cartridge Kit **023-010**

32g cement cartridge, 20 mixing tips, 20 intra oral tips and IFU.

Prime-Dent® Temporary Cement NE 32g Cartridge Refill **023-011**

Mixing Tips

50 per bag **003-041**

Intra Oral Tips

50 per bag **003-042**

HAND MIX KIT & REFILLS

Prime-Dent® Temporary Cement NE 15/15g Kit **023-009**

15g catalyst paste jar, 15g base paste jar, accessories and IFU.

Prime-Dent® Temporary Cement Catalyst Paste 15g Jar Refill **023-008**

Prime-Dent® Temporary Cement Base Paste 15g Jar Refill **023-007**

PRIME-DENT®

POLYCARBOXYLATE CEMENT

Used primarily for final cementation of crowns and bridges. This luting cement has good biocompatibility, low film thickness of 13-18 microns and good insulating characteristic.

Material of choice for sensitive teeth and for preparations close to the pulp.

KIT & REFILLS

Prime-Dent® Polycarboxylate Cement Kit 010-036

32g powder bottle, 17.5ml liquid bottle, measuring scoop, mixing pad and IFU.

Prime-Dent® Polycarboxylate Cement Powder Refill 010-025

32g powder bottle

Prime-Dent® Polycarboxylate Cement Liquid Refill 010-027

17.5ml liquid bottle



PRIME-DENT®

ZINC PHOSPHATE CEMENT

A very high strength permanent cement (131 Mpa compressive strength) representing perhaps the oldest and most well accustomed cement still in use.

It also provides a good insulating layer against thermal shock.

KIT & REFILLS

Prime-Dent® Zinc Phosphate Cement Kit 010-030

32g powder bottle, 17.5ml liquid bottle, measuring scoop, mixing pad and IFU.

Prime-Dent® Zinc Phosphate Cement Powder Refill 010-028

32g powder bottle

Prime-Dent® Zinc Phosphate Cement Liquid Refill 010-029

17.5ml liquid bottle



PRIME-CROWN™

A self cured bis-acryl auto-mix system with low viscosity, composed of Ethoxylated, Bis-gma multifunctional methacrylate esters, glass filler and nanofiller for a simple alternative to traditional materials.

Prime-Crown™ produces minimal odor, shrinkage and heat generation. Good wear resistance for better translucency. Obtaining a smooth surface for esthetic appearance and protection against staining with a satisfactory working time.

Benefits and Features

- High polish
- High compressive strength
- Six popular vita shades: A1, A2, A3, A3.5, B1, B2
- Low shrinkage
- Low heat generation

TECHNICAL DATA

- Compressing strength
- Transverse strength
- Vickers hardness
- Linear polymerization shrinkage
- Radiopaque

340 MPa
76 MPa
25 MPa
18%
Yes



Prime-Crown™ Kit

90g cartridge and 20 mixing tips

A1	100-103A1
A2	100-103A2
A3	100-103A3
A3.5	100-103A3.5
B1	100-103B1
B2	100-103B2

Prime-Crown™ 90g Cartridge Refill

MIXING TIPS NOT INCLUDED

A1	100-104A1
A2	100-104A2
A3	100-104A3
A3.5	100-104A3.5
B1	100-104B1
B2	100-104B2

Prime-Crown™ mixing tips

25 per bag 100-108



PRIME-DENT®

DUAL CURE COMPOSITE LUTING CEMENT

The cement is for use in final cementations of implant prosthesis, crown and bridges, inlays, onlays, veneers, cementation of posts & pins and periodontal splinting.

Benefits and Features

- Quick cementation
- Automix handheld syringe
 - Convenient, economical and especially useful for multi-operator practices.
 - No mixing, no air bubbles, no wasted material due to over mixing.
 - Ensures, predictable, accurate, consistent and homogeneous mix every time.
- Minimal heat generated
 - Protects pulps
- Radiopaque
 - Easy identification on x-rays
- Low film thickness
 - Provides easy placement of crowns and bridges
- Fluoride release
 - Reduces secondary caries

**TECHNICAL DATA**

Composition Glass Ionomer in a Bis-GMA based matrix of dental resins, activator, catalyst and pigments.

• Working time	2 minutes
• Setting time	5 minutes
• Compressive strength	266 MPa
• Flexural strength	133 MPa

AUTOMIX SYRINGE KIT & REFILLS**4 Syringe Kits (4 x 10g Syringes)**

(20 mixing tips, 20 intra oral tips and IFU)

Shade A2	100-100
Shade A4	100-110
Shade Blue	100-112
Shade White Opaque	100-119

2 Syringe Kits (2 x 10g Syringes)

(10 mixing tips, 10 intra oral tips and IFU)

Shade A2	100-114
Shade A4	100-115
Shade Blue	100-116
Shade White Opaque	100-120

1 Syringe Kits (10g Syringe)

(5 mixing tips, 5 intra oral tips and IFU)

Shade A2	100-101
Shade A4	100-111
Shade Blue	100-113
Shade White Opaque	100-121

Prime-Dent® Dual Cure Composite Luting Cement 10g Syringe Refill (A2) 100-102

Prime-Dent® Dual Cure Composite Luting Cement 10g Syringe Refill (A4) 100-117

Prime-Dent® Dual Cure Composite Luting Cement 10g Syringe Refill (BLUE) 100-118

Prime-Dent® Dual Cure Composite Luting Cement 10g Syringe Refill (WHITE OPAQUE) 100-122

Mixing Tips 003-046

25 mixing tips and 25 intra oral tips

Mixing Tips (fine) 003-047

25 mixing tips and 25 FINE intra oral tips

Continued from Dual Cure Composite Luting Cement

HAND MIX KIT & REFILLS

Prime-Dent® Dual Cure Composite Luting Cement 4 Syringe Kit 015-022

2 x 5g catalyst paste syringes, 2 x 5 base paste syringes, 3ml catalyst bonding bottle, 3ml base bonding bottle, 4g etchant gel syringe, accessories and IFU

Prime-Dent® Dual Cure Composite Luting Cement Syringe Kit 009-021

5g catalyst paste syringes, 5 base paste syringes, accessories and IFU

Prime-Dent® Dual Cure Composite Luting Cement Base Paste 5g Syringe 009-022

Prime-Dent® Dual Cure Composite Luting Cement Catalyst Paste 5g Syringe 009-023

PRIME-DENT®

SURGICAL CEMENT

Consists of a powder and liquid that is a multi-purpose periodontal dressing and cement. It's used for dry socket and extraction therapy and may be used as a temporary filling material or temporary cement. Sets slowly out of the mouth but more quickly with contact of water or saliva. Promotes healing and has a soothing effect.

KIT & REFILLS

Prime-Dent® Surgical Cement Kit 024-020

4 oz. powder bottle and 2 oz. liquid bottle and IFU

Prime-Dent® Surgical Cement Powder Refill 024-021

4 oz. powder bottle

Prime-Dent® Surgical Cement Liquid Refill 024-022

2 oz. liquid bottle



PRIME-DENT®

COPAL VARNISH & SOLVENT

Insulates against thermal and electric shock. Provides a strong bond between dentin and restoration. Chloroform free formula of varnish and sealant.

Prime-Dent® Copal Varnish

15ml bottle 010-051



Prime-Dent® Copal Varnish Solvent

15ml bottle 010-050



PRIME-DENT®

ZINC OXIDE EUGENOL CEMENT

This material is a non-irritating formulation for the temporary cementation of crowns and bridges. It is presented in the form of a powder and liquid. Strong adhesion and easy removal.

KIT

Prime-Dent® Zinc Oxide Eugenol Cement Kit **010-080**

21g powder jar, 7.5ml liquid bottle, Accessories and IFU

Refills

Prime-Dent® Zinc Oxide Eugenol Cement Powder **010-081**

21g jar

Prime-Dent® Zinc Oxide Eugenol Cement Liquid **010-082**

7.5ml Bottle



PRIME-DENT®

ZINC OXIDE EUGENOL CEMENT REINFORCED MATERIAL (with fiber)

This cement has a sedative effect on the pulp and is especially useful for cementation on prepared teeth with exposed dentinal tubules. The addition of polymers as reinforcing agents have transformed it into a final cement and intermediate restorative material with a compressive strength of 5400 psi. Offers excellent adhesion and easy removal.

KIT & REFILLS

Prime-Dent® Zinc Oxide Eugenol Cement Reinforced Material (with fiber) Kit **010-090**

50g powder jar, 15ml liquid bottle, accessories and IFU

Prime-Dent® Zinc Oxide Eugenol Cement Reinforced Material (with fiber) Powder Refill **010-091**

50g powder jar

Prime-Dent® Zinc Oxide Eugenol Cement Reinforced Material (with fiber) Liquid Refill **010-092**

15ml liquid bottle



PRIME-DENT®

LIGHT CURE ONE-STEP DENTIN/ENAMEL BONDING ADHESIVE

A 5th generation, single component, multi-use adhesive, which is hydrophilic and suitable for use on moist dentin (wet bonding technique).

The adhesive incorporates aspects of a primer and bonding resin in a single bottle designed to bond composites and compomers to dentin and enamel as well as treated amalgam, metal and ceramic surfaces.

After etching, penetration and saturation of the dentin and enamel are accomplished in 2 to 3 coats.

Prime-Dent® Light Cure One-Step Dentin Enamel Bonding Adhesive

7ml bottle	006-030
3ml bottle	006-032



PRIME-DENT®

LIGHT CURE DENTIN/ENAMEL BONDING ADHESIVE

An economical Bis-GMA based adhesive that bonds to dentin, enamel, treated porcelain, amalgam and composites. Easy to use and has a long shelf life.

Prime-Dent® Light Cure Dentin Enamel Bonding Adhesive Kit 006-020

2 x 3ml bonding adhesive bottles, 7.5ml etchant liquid bottle and IFU

Prime-Dent® Light Cure Dentin Enamel Bonding Adhesive Refills

3ml bottle	006-018
7ml bottle	006-019



PRIME-DENT®

CHEMICAL CURE DENTIN/ENAMEL BONDING ADHESIVE

A Bis-GMA based adhesive to be used with chemical cure composites, core materials and luting cements. Has a high bond strength to both enamel and dentin.

Prime-Dent® Chemical Cure Dentin Enamel Bonding Adhesive Kit 006-021

3ml catalyst bonding resin bottle, 3ml base bonding resin bottle, 7.5ml etchant liquid bottle and IFU

Prime-Dent® Chemical Cure Dentin Enamel Catalyst Bonding Refill 006-025

3ml bottle

Prime-Dent® Chemical Cure Dentin Enamel Base Bonding Refill 006-024

3ml bottle



PRIME-BLEND® ULTRA

Prime-Blend® Ultra is a unique light-cured, radiopaque, dentin adhering liner and base material containing calcium hydroxide and calcium hydroxyapatite in a urethane dimethacrylate (UDMA) base. It is a highly filled resin (for a liner) with minimal shrinkage and water absorption.

Prime-Blend® Ultra has a higher viscosity than conventional liners, eliminating the need for a ball-type applicator. Its superior strength and water insolubility (it won't leach out) make Prime-Blend® Ultra the material of choice under composite, amalgams, gold and ect.

Prime-Blend Ultra® is easily contoured with high and low speed hand pieces. No more instrument-to-pad-to-mouth delivery. No more contamination of cavo-surface margin upon entry into cavity preparation.



Prime-Blend® Ultra 4 Syringe Kit **200-001**

4 x 2g syringes, 20 dispensing tips and IFU

Prime-Blend® Ultra Syringe Refills

2g syringe **200-000**

5g syringe **200-002**

PRIME-DENT®

HEMA DESENSITIZER

Contains hema and benzalkonium chloride. Fast, effective way of sealing off dentinal tubules by combining with proteins and forming a physiologic barrier of protection.

Benzalkonium chloride adds an anti-microbial action to eliminate bacteria. Used as a normal part of resin bonding.

Also effective for cervical sensitivity, root planning and scaling

Prime-Dent® Hema Desensitizer 7ml Bottle **018-011**

Prime-Dent® Hema Desensitizer 4 Syringe Kit **018-030**

4 x 1.2ml syringes, 8 dispensing tips and IFU

Prime-Dent® Hema Desensitizer 1.2ml Syringe **018-031**

1.2ml syringe and 2 dispensing tips



PRIME-DENT®

LIGHT CURE COMPOSITE SURFACE SEALANT

A light cured methacrylate based, unfilled, penetrating, low viscosity resin. The sealant has a very low oxygen inhibition layer and can be cured in ultra thin layers. Reduces microleakage and seals micro-cracks and irregularities in composite restorations. Finishing and polishing composite creates microscopic defects in the surface and at the margin, resulting in accelerated loss of composite.

Prime-Dent® Light Cure Composite Surface Sealant is applied immediately upon completion of restorations. The sealant penetrates and seals the composite surface, thus reducing wear and marginal breakdown. Microleakage is reduced for new and existing composite restorations. Bonds well to composite type provisional restorations and helps revitalize old composites leaving a smooth enamel like finish.

Prime-Dent® Light Cure Composite Surface Sealant

7ml bottle

005-010

3ml bottle

005-011

PRIME-DENT®

PORCELAIN ETCH GEL

10% hydrofluoric acid gel conditions porcelain or ceramic surfaces prior to bonding. Used prior to Prime-Dent porcelain bond enhancer.

Prime-Dent® Porcelain Etchant Gel

3g syringe with 5 dispensing tips 10%

008-050

PRIME-DENT®

ETCHANT GEL/LIQUID

Prime-Dent® Etchant Gel/Liquid with 37% phosphoric acid is used for etch bonding procedures.

Prime-Dent® Etchant Gel is thixotropic, stays where is placed and will not run. Long shelf life when properly stored.

Washes off clean. Available in several syringe and bottle deliveries.

**Prime-Dent® Etchant Gel Kit - 4 x 1.2ml syringes and 8 dispensing tips**

	With Silica	Silica Free
37% BLUE	008-010	008-010SF
37% GREEN	008-011	008-011SF

Prime-Dent® Etchant Gel Kit - 20 x 1.2ml syringes and 40 dispensing tips

37% BLUE	008-012	008-012SF
37% GREEN	008-013	008-013SF

Prime-Dent® Etchant Gel Kit - 4 x 4gm syringes and 20 dispensing tips

37% BLUE	008-020	008-020SF
37% GREEN	008-021	008-021SF

Prime-Dent® Etchant Gel Kit

50ml syringe, 50 dispensing tips, 3 x 4ml empty syringes with coupler - BLUE	008-060	008-060SF
50ml syringe, 50 dispensing tips, 3 x 4ml empty syringes with coupler - GREEN	008-061	008-061SF

Prime-Dent® Etchant Gel

12gm syringe and 5 dispensing tips 37% BLUE	008-030	008-030SF
12gm syringe and 5 dispensing tips 37% GREEN	008-031	008-031SF
1.2ml syringe and 3 dispensing tips 37% BLUE	008-072	008-072SF
1.2ml syringe and 3 dispensing tips 37% GREEN	008-073	008-073SF
4gm syringe and 5 dispensing tips 37% BLUE	008-070	008-070SF
4gm syringe and 5 dispensing tips 37% GREEN	008-071	008-071SF
8 oz. bottle 37% BLUE	008-035	008-035SF
8 oz. bottle 37% GREEN	008-036	008-036SF
7.5ml oval bottle 37% BLUE	008-042	008-042SF
7.5ml oval bottle 37% GREEN	008-043	008-043SF

Prime-Dent® Etchant Liquid

8 oz. bottle 37% BLUE	008-040	008-040SF
8 oz. bottle 37% GREEN	008-041	008-041SF
7.5ml oval bottle 37% BLUE	008-044	008-044SF
7.5ml oval bottle 37% GREEN	008-045	008-045SF





PRIME-DENT®

PIT AND FISSURE SEALANT

Bis-GMA based filled sealant resin is formulated specifically for the sealing of small pits and fissures. The flowable sealants have excellent penetration into tight adaptations with high bond strength to the enamel for high wear resistance.

Contains fluoride for effective cavity protection. Available in single component light cure or chemical cure formulations.

Available in opaque and clear formulations.

Prime-Dent® Light Cure Pit and Fissure Sealant Kit in Bottles

2 x 3ml sealant bottles, 7.5ml etchant liquid bottle, accessories and IFU CLEAR	007-020
2 x 3ml sealant bottles, 7.5ml etchant liquid bottle, accessories and IFU OPAQUE	007-021

Prime-Dent® Light Cure Pit and Fissure Sealant Kit in Syringes

3 x 1.5g sealant syringes, 1.2ml etchant gel syringe, accessories and IFU CLEAR	007-022
3 x 1.5g sealant syringes, 1.2ml etchant gel syringe, accessories and IFU OPAQUE	007-023

Prime-Dent® Light Cure Pit and Fissure Sealant Refill

3ml sealant bottle OPAQUE	007-024
1.5g sealant syringe OPAQUE	007-025
3ml sealant bottle CLEAR	007-026
1.5g sealant syringe CLEAR	007-027

Prime-Dent® Chemical Cure Pit and Fissure Sealant Kit in Bottles

3ml base sealant bottle, 3ml catalyst sealant bottle, 7.5ml etchant liquid bottle, accessories and IFU CLEAR	007-010
3ml base sealant bottle, 3ml catalyst sealant bottle, 7.5ml etchant liquid bottle, accessories and IFU OPAQUE	007-011

Prime-Dent® Chemical Cure Pit and Fissure Sealant Refill

3ml catalyst sealant bottle OPAQUE	007-012
3ml catalyst sealant bottle CLEAR	007-013
3ml base sealant bottle	007-014

Prime-Paste®

Prime-Paste® is a blend of polishing and cleaning agents containing sodium fluoride.

The splatter-free formula rinses easily and completely

Available in two grits: Medium grit is recommended for normal cleaning, polishing and plaque removal. Coarse grit is recommended for extra heavy stain, including tobacco and heavy plaque deposits.

Available in six great flavors and two different sizes in 100g and 340g jars.

Also available without added color pigments, flavor and fluoride for patients who may be allergic to additives. Using medium grit is the ideal paste prior to composite bonding, sealants and orthodontic bracket applications.

Prime-Paste® Prophylaxis Paste 12oz. Jar (Net Wt. 340 Grams)

	Medium	Coarse
Cherry	018-070	018-076
Mint	018-071	018-077
Piña colada	018-072	018-078
Bubble gum	018-073	018-079
Orange sherbet	018-074	018-080
Raspberry	018-075	018-081
No fluoride, no flavor	018-082	018-083

Prime-Paste® Prophylaxis Paste 100g Jar

	Medium	Coarse
Cherry	018-056	018-062
Mint	018-057	018-063
Piña colada	018-058	018-064
Bubble gum	018-059	018-065
Orange sherbet	018-060	018-066
Raspberry	018-061	018-067
No fluoride, no flavor	018-068	018-069



PRIME-DENT®

White Fluoride Varnish

White Fluoride Varnish (5% sodium fluoride) includes the same benefits as other fluoride varnishes, but without discoloring effects or gritty feel.

Made with xylitol, White Fluoride Varnish goes on white and is not visible after application.

Benefits and Features

- 5% sodium fluoride varnish
- White varnish disappears with natural tooth color
- Thin and easy to apply
- Feels natural on the teeth
- Sets rapidly

Prime-Dent® White Fluoride Varnish .5ml Tubes (36 per box)

Cherry	9999-6000
Mint	9999-6010
Bubble gum	9999-6020
Strawberry	9999-6030
Watermelon	9999-6040



PRIME-DENT®

ROOT CANAL FILLING MATERIAL

Used by permanent obturation of root canals of teeth of the secondary dentition with or without the aid of obturation points. Prime-Dent® Root Canal powder and resin are mixed to produce a silver-free material with excellent sealing properties. As a result of its close applications to the root canal walls and it's very small contraction during setting, Prime-Dent® Root Canal Filling Material allows for tightly sealed root canal obturation with excellent tissue compatibility.

Prime-Dent® Root Canal Filling Material Kit 022-010

8g powder bottle, 10g resin tube, accessories and IFU

Prime-Dent® Root Canal Filling Material Refills

8g powder bottle 022-011

10g resin tube 022-012



RC-CREAM™

FOR CHEMO-MECHANICAL PREPARATION OF ROOT CANALS

RC-Cream™ is a unique formulation of glycol, urea peroxide and EDTA in a special water-soluble base for preparation of root canals. Provides rapid cleansing and deeper penetration of root canal medicaments.

RC-Cream™ Kits

2 x 9g syringes and IFU 022-050

2 x 3g syringes and IFU 022-054

RC-Cream™ Refills

9g syringe 022-052

5g syringe 022-053

3g syringe 022-055



PRIME-DENT®

TRAY ADHESIVE

A paint on tray adhesive for use with all alginates; it helps to keep the alginate firm in the tray during removal from the mouth. The Tray Adhesive comes with a convenient brush inside the cap.

Prime-Dent® Tray Adhesive 1oz. Bottle

Amber	017-019
Blue	017-020

PRIME DENT®

ALGINATE FLAVORING

Helps mask the chalky taste of alginate. Comes in a 2oz. bottle and available in 30 flavors.

Prime-Dent® Alginate Flavoring 2oz Bottles

Cola	016-081
Strawberry	016-082
Peppermint	016-083
Raspberry	016-084
Orange	016-085
Banana	016-086
Apple	016-087
Bubble gum	016-088
Cream Soda	016-089
Grape	016-090
Root Beer	016-092
Watermelon	016-093
Cherry	016-094
Butterscotch	016-095
Cinnamon	016-096
Cotton Candy	016-097
Lemon	016-098
Peach	016-099
Pineapple	016-100
Fruit Punch	016-101
Blueberry	016-102
Chocolate	016-103
Piña Colada	016-104
Vanilla	016-105
Caramel	016-106
Orange Dreamsicle	016-108
Toasted Marshmallow	016-109
Peanut Butter Cup	016-110
Cookie Dough	016-111
Cheese Cake	016-112



PRIME-DENT®

DENTAL DAM

A light cure, low viscosity pigmented resin for use to cover and protect adjacent teeth of soft tissue

Especially useful for isolating tissue adjacent to any tooth during bleaching procedures. It is easily applied and removes in one piece.

Low heat reaction

Prime-Dent® Dental Dam Kit**021-011**

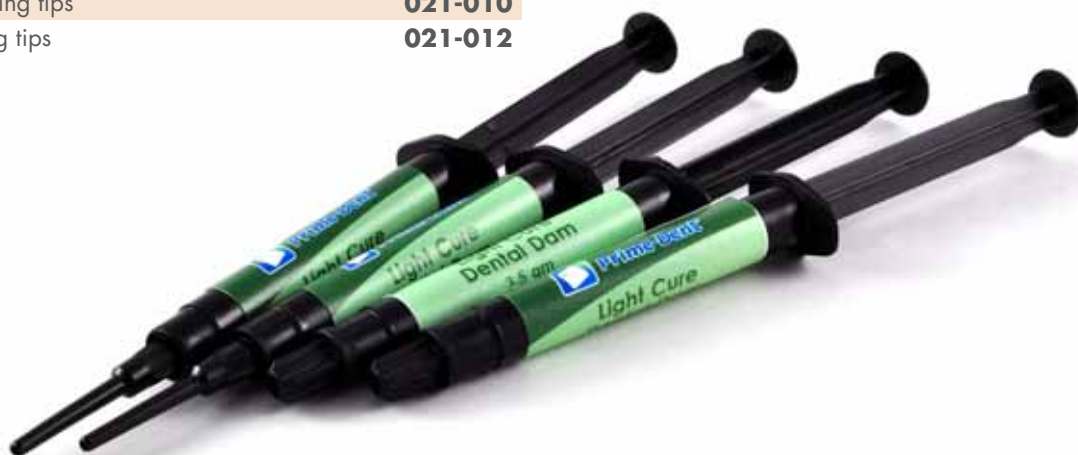
4 x 3.5g syringes, 20 dispensing tips and IFU

Prime-Dent® Dental Dam Refills

3.5g syringe with 5 dispensing tips

021-010

2g syringe with 3 dispensing tips

021-012

PRIME-DENT®

BLOCK OUT RESIN

A light cured pigmented resin ideal for stone model repair and creating bleaching reservoirs in bleaching trays.

Prime-Dent® Block Out Resin Kit**021-021**

4 x 3.5g syringes, 20 dispensing tips and IFU

Prime-Dent® Block Out Resin Refills

3.5g syringe with 5 dispensing tips

021-020

2g syringe with 3 dispensing tips

021-022



PRIME-GEL™

Fast acting and effective formula of 20% benzocaine. Formulated using superior quality flavorings.

Prime-Gel™ features pleasant tasting during usage and leaves no bitter aftertaste. Available in 1 oz. jars and 12g bottles.

Prime-Gel™ Bottles

	1oz	12g
Piña Colada	018-014	018-042
Bubble Gum	018-015	018-028
Fruit Punch	018-016	018-029
Cherry	018-017	018-040
Mint	018-018	018-041
Strawberry	018-024	018-027
Raspberry	018-025	018-043
Grape	018-026	018-044

PRIME-CORE® DC**Automix Dual Core Build-Up Material**

A composite based core material designed for the easy fabrication of core build-ups. The core material is a dual cure, fluoride releasing resin core material.

Dispensed with an applicator gun and auto mixed in mixing cannulas providing a consistent, homogeneous mix. Intra oral application tips are provided for precise, direct placement of core material.

Available in a contrast blue shade which is easily distinguishable from tooth structure and natural (A2) shade for optimum results beneath ceramic crowns.

The core material releases fluoride to help reduce secondary caries. Dual curing and quick setting eliminating time consuming layering of material and allowing for easy bulk fill. Highly radiopaque and exhibits a short settings time without heat generation.

**Prime-Core® DC Kits**

50g automix cartridge, 20 yellow mixing tips, 20 yellow intra oral tips and IFU A2	003-060
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50g automix cartridge, 20 yellow mixing tips, 20 yellow intra oral tips and IFU BLUE	003-061
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Prime-Core® DC Refills

50g automix cartridge and IFU A2	003-062
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50g automix cartridge and IFU BLUE	003-063
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Yellow mixing tips 50/bag	003-041
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Yellow intra oral tips 50/bag	003-042
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PRIME-CORE®**Chemical Cure Core Build-Up Material**

A composite based core material designed for the easy fabrication of core build-ups. A highly radiopaque, high compressive strength material. The non-slumping consistency allows the material to be applied directly into the preparation.

The viscosity is ideal for pre-fabricated post cementation and crown and bridge relining. Easily distinguishable from tooth structure by it's distinctive white, blue or natural color.

**Prime-Core® Chemical Cure Core Build-Up Material Kits**

(15g catalyst paste jar, 15g base paste jar, spatulas and IFU)

White	003-018
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Blue	003-019
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Natural (A2)	003-020
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PRIME-CORE® DC

Automix Syringe

A composite based core material designed for the easy fabrication of core build-ups. Auto mixed within mixing cannulas providing a consistent, homogeneous mix. Intra oral application tips are provided for precise, direct placement of core material.

Available in a contrast blue shade which is easily distinguishable from tooth structure and a natural (A2) shade for optimum results beneath ceramic crowns. The core material releases fluoride to help reduce secondary caries.

Dual curing and quick setting eliminating time consuming layering of material and allowing for easy bulk fill. Highly radiopaque and exhibits a short setting time without high heat generation.



Prime-Core® DC Automix Syringe Kits

4 x 10g syringes, 20 mixing tips, 20 intra oral tips and IFU A2	003-080
2 x 10g syringes, 10 mixing tips, 10 intra oral tips and IFU A2	003-081
10g syringe, 10 mixing tips, 10 intra oral tips and IFU A2	003-082
4 x 10g syringes, 20 mixing tips, 20 intra oral tips and IFU BLUE	003-083
2 x 10g syringes, 10 mixing tips, 10 intra oral tips and IFU BLUE	003-084
10g syringe, 10 mixing tips, 10 intra oral tips and IFU BLUE	003-085

Prime-Core® DC Automix Refills

10g syringe A2	003-086
10g syringe BLUE	003-087
25 mixing tips and 25 intra oral tips	003-046
25 mixing tips and 25 FINE intra oral tips	003-047

PRIME-CORE® LC

Light Cure Core Build-Up Material

A highly filled composite specifically formulated for core build-ups. Available in blue or natural A2 shades. The distinctive blue color aids in distinguishing the core material from the tooth structure. A 6-7mm depth of cure can be obtained.

The blue core is best suited under metal crowns and the natural shade for all other applications. Radiopaque for easy identification in radiographs and has high viscosity for easy build-up with no slumping.

Prime-Core® LC Syringes

5g BLUE	003-021
5g NATURAL (A2)	003-022

PHYSICAL PROPERTIES

• Compressing strength	270 MPa
• Flexural strength	125 MPa



PRIME-DENT®

LIGHT CURE ORTHODONTIC ADHESIVE BONDING SYSTEM

A unique light cure composite resin system for bonding plastic, metal or porcelain orthodontic brackets to etched enamel. The highly filled paste features a tacky viscosity that flows well and eliminates bracket flotation. The light cure bonding resin/paste system sets on demand, giving the clinician complete control.

The primer also helps to seal the etched enamel. The cohesive strength of the adhesive is stronger than the bond to the tooth, allowing for one-piece removal after orthodontic treatment with no enamel scarring.

Features and Benefits

- No mixing required
- Light cure in 30 seconds
- Viscosity
- Ensures precise placement
- Fast setting
- Quick cementation
- Fluoride release



PHYSICAL PROPERTIES

- | | |
|------------------------|------------|
| • Light cure time | 30 seconds |
| • Compressing strength | 300 MPa |
| • Flexural strength | 140 MPa |
| • Shear bond strength | 21 MPa |

Prime-Dent® Light Cure Orthodontic Adhesive Kits

4 Syringe Kit	012-020
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4 x 5g paste syringes, 7ml ortho bond bottle, 7ml etchant liquid bottle, accessories and IFU

2 Syringe Kit	012-024
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2 x 5g paste syringes, 7ml ortho bond bottle, 7ml etchant liquid bottle, accessories and IFU

1 Syringe Kit	012-021
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5g paste syringe, 3ml ortho bonding bottle, 3ml etchant liquid bottle, accessories and IFU

1 Syringe Kit (Clamshell)	012-022
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5g paste syringe, 3ml ortho bonding bottle, 3ml etchant liquid bottle, accessories and IFU

Compules Kit	012-023
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40 x .35g compules, 7ml ortho bonding bottle, 7ml etchant liquid bottle, accessories and IFU

Prime-Dent® Light Cure Orthodontic Adhesive Refills

5g paste syringe	012-031
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7ml bonding bottle	012-032
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3ml bonding bottle	012-033
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7 syringe kit box



1 & 2 syringe kit

PRIME-DENT®

ONE-STEP ORTHODONTIC ADHESIVE BONDING SYSTEM

A unique composite resin system for bonding plastic, metal or porcelain orthodontic brackets to etched enamel. The highly filled paste features a tacky viscosity that flows well and eliminates bracket flotation.

The Catalyst Resin/Paste system sets on contact, giving the clinician complete control. The primer also helps to seal the etched enamel. The cohesive strength of the adhesive is stronger than the bond to the tooth. Allowing for one piece removal after orthodontic treatment.

Benefits and Features

- Maximum strength within five minutes
- Bonds to all types of brackets
- Paste available in economical jars or convenient syringes



Prime-Dent® One-Step Orthodontic Adhesive Syringe Kits

4 syringe kit 011-021

4 x 5g paste syringes, 12ml primer bottle, 7ml etchant liquid bottle, accessories and IFU

2 syringe kit 011-027

2 x 5g paste syringes, 5ml primer bottle, 3ml etchant liquid bottle, accessories and IFU

1 syringe kit (Clamshell) 011-022

2 x 5g paste syringes, 5ml primer bottle, 3ml etchant liquid bottle, accessories and IFU

1 Syringe Kit 011-019

5g paste syringe, 5ml primer bottle, 3ml etchant liquid bottle, accessories and IFU

15g Jar Kit 011-202

15g paste jar, 12ml primer bottle, 7ml etchant liquid bottle, accessories and IFU

5g Jar Kit 011-018

5g paste jar, 5ml primer bottle, 3ml etchant liquid bottle, accessories and IFU

Compules Kit 011-016

40 x 0.35g compules, 12ml primer bottle, 7ml etchant liquid bottle, accessories and IFU

Prime-Dent® One-Step Orthodontic Adhesive Paste Refills

5gm syringe 011-031

15g jar 011-032

5g jar 011-033

Prime-Dent® One-Step Orthodontic Primer Refills

12ml bottle 011-034

5ml bottle 011-035



7 syringe kit box



1 & 2 syringe kit

PRIME-DENT®

DUAL CURE GLASS IONOMER BAND CEMENT

A dual cure composite resin cement ideally suited for cementing metal molar bands. Chemically bonds to both tooth structure and metal band to create a strong anchor. The glass ionomer technology creates high tensile and compressive strength reducing washout and loose bands. The cement ideally mixed and has no strong odor or aftertaste. The adhesive can be light cured to immediately set band in place. Without light activation a complete set is achieved in five minutes. Contains fluoride for added tooth protection. Easily dispensed from economical screw syringes or in smart auto-mix system.



1 syringe kit

AUTOMIX SYRINGE KITS AND REFILLS

Prime-Dent® Automix Dual Cure Glass Ionomer Band Cement 4 Syringe Kit (A2)	015-027
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4 x 10g syringes A2, 20 mixing tips, 20 intra oral tips and IFU	
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Prime-Dent® Automix Dual Cure Glass Ionomer Band Cement 1 Syringe Kit (A2)	015-028
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10g syringe A2, 5 mixing tips, 5 intra oral tips and IFU	
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Prime-Dent® Automix Dual Cure Glass Ionomer Band Cement 4 Syringe Kit (BLUE)	015-060
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4 x 10g syringes BLUE, 20 mixing tips, 20 intra oral tips and IFU	
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Prime-Dent® Automix Dual Cure Glass Ionomer Band Cement 1 Syringe Kit (BLUE)	015-061
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10g syringe BLUE, 5 mixing tips, 5 intra oral tips and IFU	
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Prime-Dent® Automix Dual Cure Glass Ionomer Band Cement Syringe Refills

10g syringe (A2)	015-038
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10g syringe (BLUE)	015-062
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Mixing Tips

25 mixing tips, 25 intra oral tips	003-046
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25 mixing tips, 25 FINE intra oral tips	003-047
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HAND MIX KITS AND REFILLS

Prime-Dent® Dual Cure Glass Ionomer Band Cement 8 Syringe Kit	015-020
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4 x 5g catalyst paste syringes, 4 x 5g base paste syringes, accessories and IFU	
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Prime-Dent® Dual Cure Glass Ionomer Band Cement 2 Syringe Kit	015-021
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5g catalyst paste syringe, 5g base paste syringe, accessories and IFU	
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Prime-Dent® Dual Cure Glass Ionomer Band Cement Syringe Refills

5g base paste syringe	015-031
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5g catalyst paste syringe	015-036
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OTHER KITS**Prime-Dent® Light Cure Glass Ionomer Band Cement 4 Syringe Kits**

4 x 5g syringes, accessories and IFU (A2)	013-030
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4 x 5g syringes, accessories and IFU (BLUE)	013-031
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Prime-Dent® Light Cure Glass Ionomer Band Cement 2 Syringe Kits

2 x 5g syringes, accessories and IFU (A2)	015-032
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2 x 5g syringes, accessories and IFU (BLUE)	015-033
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Prime-Dent® Light Cure Glass Ionomer Band Cement Syringe Refills

5g syringe (A2)	015-034
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5g syringe (BLUE)	015-035
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PRIME-DENT®

PASTE/PASTE ORTHO ADHESIVE

A unique composite resin system for bonding plastic, metal or porcelain orthodontic brackets to etched enamel. The highly filled paste features a tacky viscosity that is easy to apply and holds the brackets in place after orthodontic treatment. Contains fluoride for added protection.

**Benefits and Features**

- Maximum strength within five minutes
- Two year shelf life with no refrigeration
- Bonds to all types of brackets
- Paste available in economical jars or convenient syringes

Prime-Dent® Paste/Paste Orthodontic Adhesive Bonding System Kits**013-020****15/15g Jar kit**

15g catalyst paste jar, 15g base paste jar, 7ml base bonding resin bottle, 7ml catalyst bonding resin bottle, 7ml etchant liquid, spatulas, mixing pads and IFU

5/5g Jar kit**013-021**

5g catalyst paste jar, 5g base paste jar, 3ml base bonding resin bottle, 3ml catalyst bonding resin bottle, 3ml etchant liquid, spatulas, mixing pads and IFU

5/5g Syringe Kit**013-022**

5g catalyst paste syringe, 5g base paste syringe, 3ml base bonding resin bottle, 3ml catalyst bonding resin bottle, 3ml etchant liquid, spatulas, mixing pads and IFU

Prime-Dent® Paste/Paste Orthodontic Adhesive Bonding System Refills

15g base paste jar

013-041

15g catalyst paste jar

013-042

5g base paste syringe

013-044

5g catalyst paste syringe

013-045**Prime-Dent® Paste/Paste Orthodontic Bonding Resin 3/3ml Bottle Refill**

3ml base bonding resin bottle, 3ml catalyst bonding resin bottle and IFU

013-043

PRIME DENT®

PORCELAIN BOND ENHANCER

A silane coupling agent that treats porcelain to give stronger bonds, typically used after the porcelain surface has been etched with Prime-Dent® Porcelain Etch Gel.

Prime-Dent® Porcelain Bond Enhancer 10ml Bottle**016-020**

PRIME DENT®

METAL CONDITIONER

Can be used on any metal, amalgam, gold or stainless steel surface prior to bonding. Especially useful with metal crowns and metal orthodontics brackets.

Prime-Dent® Metal Conditioner 10ml Bottle**016-021**

PRIME DENT®

PLASTIC BONDING ENHANCER

Can be used on any plastic or polycarbonate surface for stronger bonds, especially useful on orthodontic brackets. May also be used to condition old composites to be bonded or repaired with a new composite. Compatible with chemical or light cure composites.

Prime-Dent® Plastic Bond Enhancer 10ml Bottle**016-022**

PRIME DENT®

MIXING PADS

Poly coated paper prevents absorption of material into the surface.
Available in several popular sizes.

2 x 2	mp-2x2
3 x 3	mp-3x3
3 x 5	mp-3x5
5 x 7	mp-5x7



PRIME DENT®

MIXING SPATULAS

Disposable plastic mixing spatulas for mixing pastes

100/bag	030-001
50/bag	030-003



PRIME DENT®

BRUSHES AND HOLDER

Disposable brushes for applying all types of resin and liquids.
Available in short shank 7/8" and 2" long.

1 Brush Holder	030-005
Short Shank Brushes 50/Bag	030-010
2 Inch Long Brushes 50/Bag	030-020

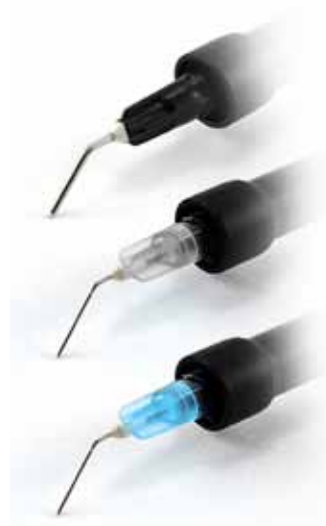


PRIME DENT®

LUER LOCK DISPENSING NEEDLE TIPS

A variety of pre-bent luer tips for all sizes of syringes.

Black 20 Gauge 100/bag	030-024
Black 18 Gauge 100/bag	030-025
Grey 22 Gauge 100/bag	030-026
Blue 24 Gauge 100/bag	030-027



Call, email, or fax us your order anytime. We have people waiting to help you.

P: 773.283.2914

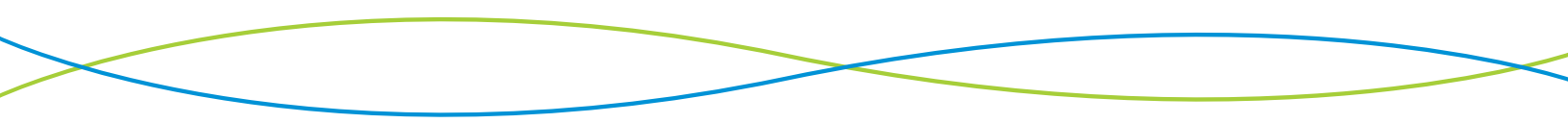
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