Excellent Handling

Mixing to the ideal lining consistency every time, Fuji Lining LC does not "slump" when used as a liner. It spreads easily to level the floor or walls of a prepared cavity.

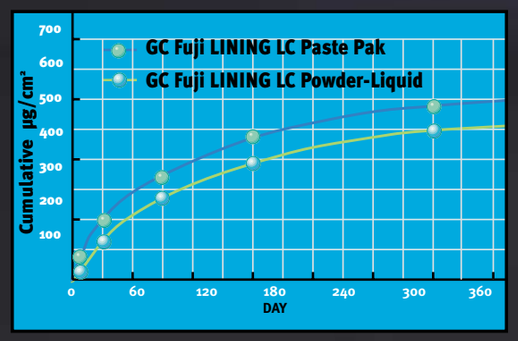
CASE 1: Lining a Class III Restoration

CASE 2: Lining a Class II Restoration

CASE 3: Lining a Class III Restoration

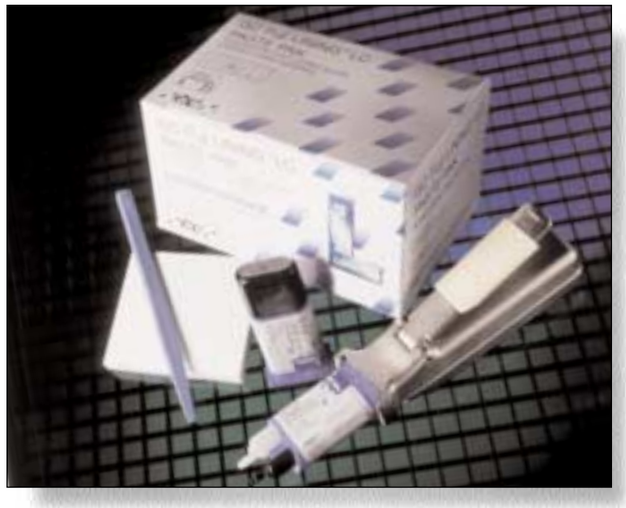
Higher Fluoride Release

Fuji Lining LC Paste Pak provides long-term fluoride release. This rechargeable, sustained high fluoride release helps prevent secondary caries and recurrent decay[2]. It also reduces the risk of decay at margins. Fluoride release is recharged when the patient uses a fluoridated rinse or dentifrice.



GC Fuji LINING™ LC Paste Pak

Light-Cured Glass Ionomer Lining Material



432571 **GC Fuji Lining LC Paste Pak Starter Package**
Contains: One Fuji Lining LC Paste Pak Cartridge, one Mixing Pad, one Paste Pak Dispenser and mixing spatula.

001887 **GC Fuji Lining LC Refill Package**
Contains: One 7.0g (4.7ml) Paste Pak Cartridge of Fuji Lining LC and #22 Mixing Pad.

Accessories

001573 **Paste Pak Dispenser,** fits all Paste Pak Cartridges
434291 Glass Ionomer Mixing Spatula
435095 Mixing Pads (3"x2-1/2"). pkg. of 5 pads, 50 sheets per pad

Physical Properties Comparison[3]	Fuji Lining LC Paste Pak	Vitrebond[4] Powder-Liquid	Fuji Lining LC Powder-Liquid
Type	Paste, 7.0g (4.7ml)	9g powder/5.5ml liquid	10g powder/6.8ml liquid
Consistency	35mm	49mm	31mm
Color	Dentin(B3)	A3.5	yellow
Working time @ 23°C (on pad)	2 min. 15 sec.	3 minutes	2 minutes
Light-Cure	20 seconds	30 seconds	30 seconds
Compressive Strength (@ 24 hrs.)	194 MPa (7)	73 MPa (6)	106 MPa (3)
Diametral Tensile Strength (@ 24 hrs.)	26 MPa (1)	12MPa (2)	19 MPa (2)
Flexural Strength (@ 24 hrs.)	34 MPa (3)	32MPa (5)	NA
Tensile Bond Strength (@ 24 hrs.)			
- Bovine Dentin	6.2 MPa (2.1)	1.8 MPa (0.4)	4.0 MPa (1.8)
- Dentin after 2000 Thermocycles	5.9 MPa (2.2)	0.5 MPa (0.7)	4.9 MPa (2.7)
- Composite Resin	13 MPa (4)	9 MPa (2)	9 MPa (2)
Solubility (%)			
- Distilled water	0.07	0.81	0.11
- 0.001 mol/1 lactic acid	0.45	1.09	0.37
Radiopacity	Yes	Yes	Yes

* Composite resin treated with bonding agent.

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Advancing the Art and Science of Dentistry

http://www.gcamerica.com Lit. Code 610009-0302

GC Fuji LINING™ LC Paste Pak

Radiopaque Light-Cured
Glass Ionomer Lining Material

Minimize Sensitivity, Provide Fluoride Release and Forget About Powder-Liquid Liners

Exclusive Paste Pak Dispensing System

The First PASTE-PASTE Glass Ionomer Liner

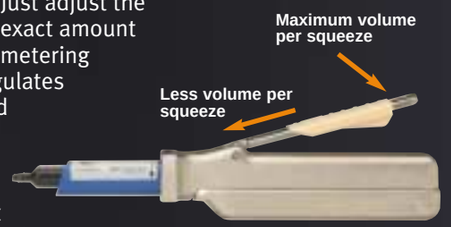
Fuji LINING™ LC Paste Pak

Minimize Sensitivity, Provide Fluoride Release and Forget About Powder-Liquid Liners

Used as a base or a liner under composite resin or amalgam restorations, GC Fuji Lining Paste Pak is the first light-cured glass ionomer lining material available in a paste-paste formula. It bonds well to tooth structure, minimizes sensitivity and provides long-term fluoride release. Fuji Lining LC Paste Pak, like its predecessor, Fuji Lining LC Powder-Liquid, makes the ideal dentin substitute because it flexes and absorbs the stresses caused by polymerization shrinkage, as well as thermal expansion and contraction of composite resin materials.

Exclusive Paste Pak Dispensing System

Anyone can dispense the exact mixing ratio of Fuji Lining LC. It's easy. No more droplet sizing. No half scoop calculations. And most important - no waste! Just adjust the metering slide and dispense the exact amount of Lining Material you need. The metering slide on the dispenser's lever regulates the volume of material dispensed each squeeze. And you can squeeze out as little or as much material as you want. With Paste Pak, you'll always get the exact mixing ratio for optimized physical properties.



Simple to Use and Easy to Mix

No mess and no fuss. Just dispense the desired amount of material and mix the two pastes thoroughly for 10 seconds. No need to measure out powder scoops and estimate bubble sizes. Simply spatulate the two pastes together and apply to the restoration. With a paste-paste formula, it's almost impossible to incorporate any bubbles into the mix as happens when you are mixing a powder-liquid product.

Insert Paste Pak into dispenser and twist into position.

Dispense desired amount of material.

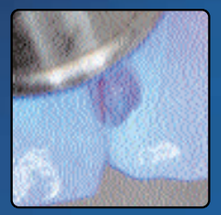
Mix with spatula for 10 seconds.

Perfect Mix Every Time in Just 10 Seconds

Each Fuji Lining LC Paste Pak Cartridge contains enough material for approximately 120 average applications and you can be sure that each time you will dispense the perfect mix. The Paste Pak Dispensing System always obtains a **1.0:1.1 mix ratio** for the best possible physical properties.

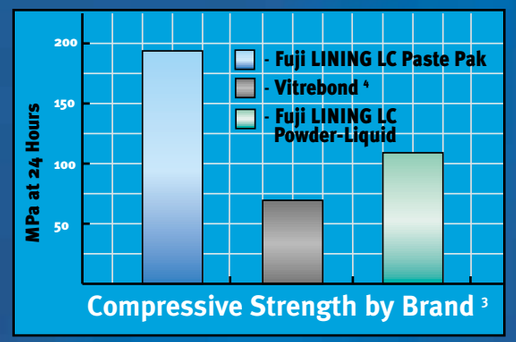
Light-Cures in 20 Seconds

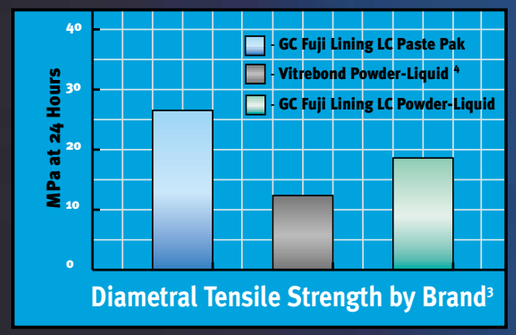
Fuji Lining LC Paste Pak light-cures in 20 seconds with a standard curing light (470nm) so the restoration can be completed immediately with composite or amalgam.

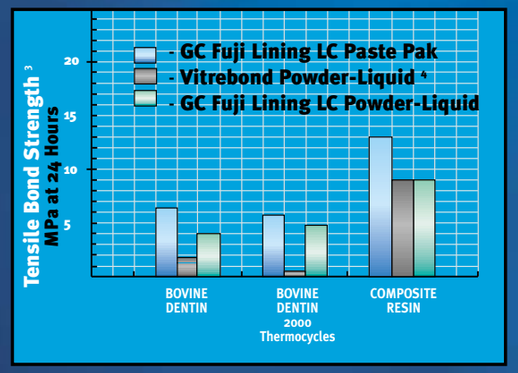


Strong Ionic Bond

With very high compressive bond strength, tensile bond strength and diametral tensile strength, Fuji Lining LC Paste Pak assures a strong bond to tooth structure, composite resin and metal, reduces the likelihood of marginal fractures and optimizes the marginal seal of the final restoration. Its tooth-like coefficient of thermal expansion maintains marginal integrity and its low modulus of elasticity enables the material to flex and absorb stresses.







Minimizes Sensitivity[1]

Even in the deepest portions of tooth preparations, Fuji Lining LC is one of the most predictable methods of preventing postoperative tooth sensitivity. It acts as a thermal insulator while providing the benefits of a glass ionomer: fluoride release, tooth-like coefficient of thermal expansion and strong ionic bond.

Radiopaque and Biocompatible

Fuji Lining LC has radiopacity similar to dentin to facilitate oral diagnosis. It's completely biocompatible - not irritating to tooth structure, soft tissue or pulp.

Replace Paste Pak Cap to Keep Material Fresh.

Swipe Paste Pak Tip Across Pad to Clean.

[1] Preventing postoperative tooth sensitivity in class I, II and V restorations, JADA, Vol. 133, Feb. 2002
[2] Restorative materials containing fluoride, Council on Dental Materials, Instruments and Equipment, JADA, Vol. 116, May 1988
[3] Data on file
[4] Vitrebond is not a trademark of GC America Inc.

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