

GC Fuji LINING LC Paste Pak

Light Cured Glass Ionomer Liner in a PASTE formulation

Packaging



**GC Fuji LINING LC
Paste Pak Refill Pack**
7.0g (4.7ml)
Paste Pak Cartridge
of Fuji LINING LC Paste
Pak and Mixing Pad

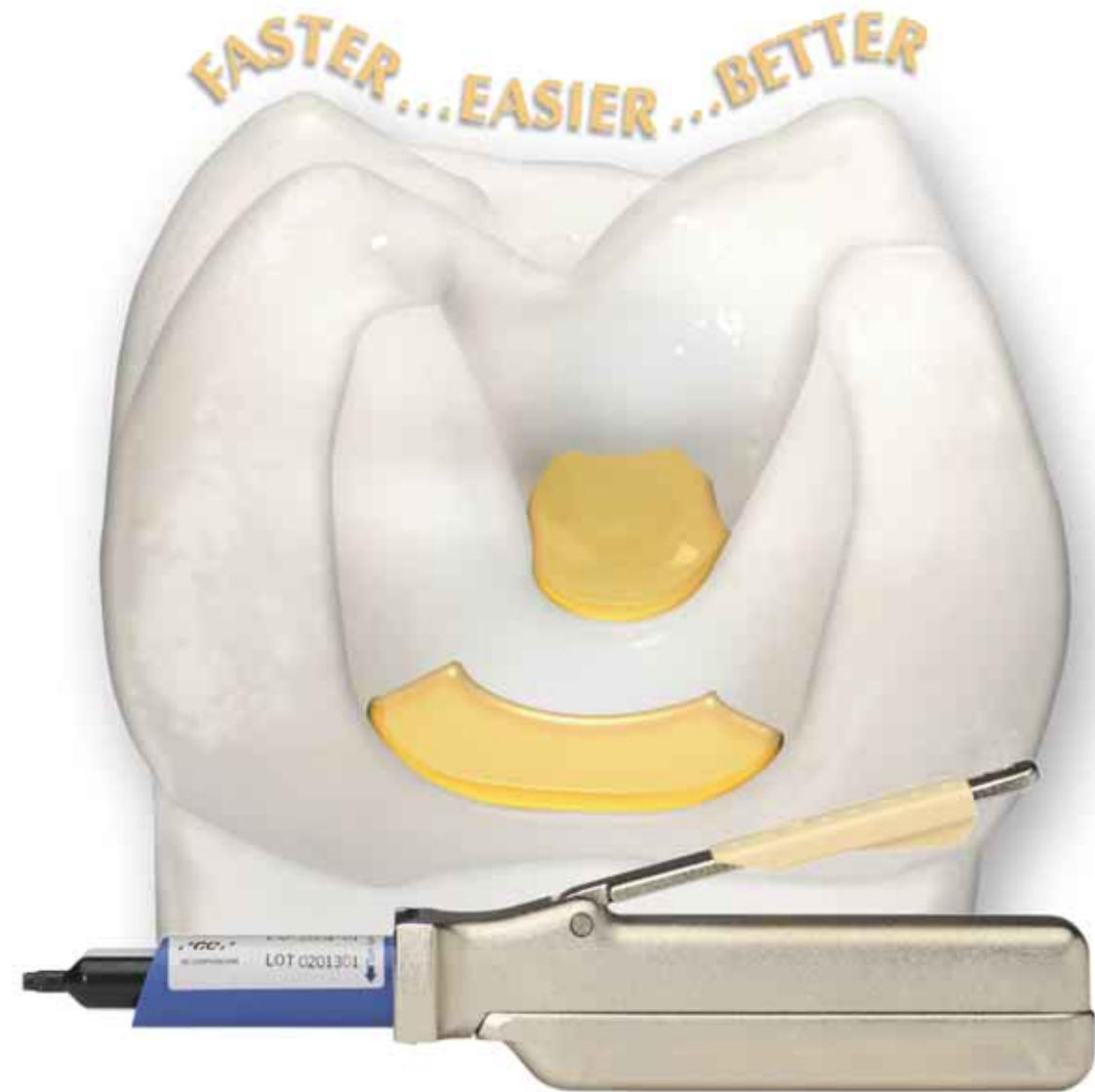
Accessories
1 GC Paste Pak Dispenser

Physical Properties	C Fuji LINING LC Paste Pak	Brand V Powder/Liquid
Type	Resin-Modified Glass Ionomer Paste	Traditional Glass Ionomer
Colour	DentinB3	A3.5
Working Time (@23°C)	2min 15secs	3mins
Light Cure	20secs	30 secs
Compressive Strength (@24hrs)	194MPa	73MPa
Diametral Tensile Strength (@24 hrs)	26MPa	12MPa
Flexural Strength (@24 hrs)	34MPa	32MPa
Tensile Bond Strength (@24 hrs)		
Bovine Dentin	6.2MPa	1.8MPa
Dentin after 2000 Thermocycles	5.9MPa	0.5MPa
Composite Resin (with bonding agent)	13 MPa	9MPa
Solubility (%)		
Distilled Water	0.07	0.81
Lactic Acid	0.45	1.09
Radiopacity	Yes	Yes
Source Internal data, GC Corporation.		

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FIRST IS QUALITY



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Light Cured Glass Ionomer Liner in a PASTE formulation

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Light Cured Glass Ionomer Liner in a PASTE formulation

Easier to use, faster to use and better physical properties than any other glass ionomer liner on the market today, that's NEW GC Fuji LINING LC Paste Pak. Developed from GC Fuji LINING LC, our popular light curable glass ionomer liner in a powder/liquid presentation, GC Fuji LINING LC Paste Pak is the world's first resin-modified glass ionomer, designed specifically as a liner, in a PASTE/PASTE formula.

Presented in a 'double-barrelled' Paste Pak cartridge, GC Fuji LINING LC Paste Pak also comes with GC's unique Paste Pak dispenser to simplify and speed the procedure and help ensure a perfect result every time. Whichever lining materials you currently use, we're confident that once you give new GC Fuji LINING LC Paste Pak a try, you'll never go back to your old liners again.



AN IDEAL LINER UNDER:



AMALGAM



COMPOSITE/CERAMIC

Reduces procedure time

Quick and precise dispensing

Unlike powder and liquid liners which can be fiddly and time-consuming to use, the Paste Pak dispenser is quick and precise. To deliver the amount of paste you need, move the metering slide on the handgrip either backwards for more paste, or forwards for less. Squeeze the lever and the pastes are dispensed in exactly the right ratio and quantity to ensure the final mix has optimal handling and physical properties.

A perfect mix

Mixes to the ideal liner consistency in only 10 seconds. Unlike mixing powder and liquid, the mix will be free of air bubbles.

Easy to handle

The consistency of the final cement makes it easy to scoop-up and place without 'slumping'. Comfortable working time of 2mins 15secs.

Controlled setting

Light curing takes only 20secs.

Improved liner properties

Thin film thickness

Sufficiently thin to spread evenly over the cavity floor or walls and to form an adequate protective layer in the shallowest of cavities - but without running.

Stronger chemical adhesion

Adheres chemically in moisture, and without need for conditioning, with a greater tensile bond strength than some traditional powder and liquid glass ionomers.

Less shrinkage

Setting shrinkage is less than half that of some powder and liquid glass ionomers.

Less risk of fractures

A higher tensile bond strength, greater compressive strength and more diametral tensile strength, means less chance of marginal fractures.

Tighter marginal seal

Its high strength properties, low film thickness and low setting shrinkage create a tighter marginal seal with the final restoration.

Minimal microleakage

Seal integrity is maintained and microleakage minimised due to low solubility. A dentin-like coefficient of expansion and low modulus of elasticity also enables the liner to flex and absorb the stresses caused by shrinkage and thermal expansion.

Biocompatible

Is non-irritating to tooth structure, soft tissue or pulp, and is an excellent thermal insulator.

Radiopaque

Radiopacity is similar to dentin, assisting diagnosis.

High fluoride release

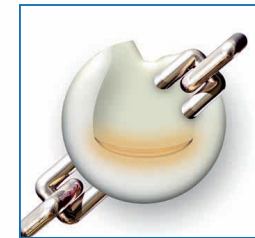
Releases high levels of fluoride over the long term.



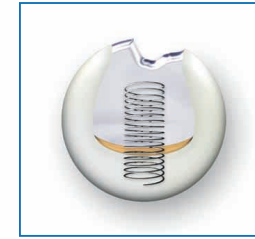
QUICK AND EASY TO USE



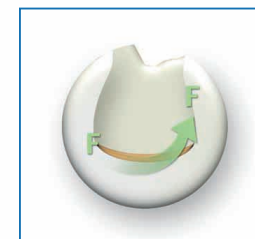
THIN FILM THICKNESS



HIGH CHEMICAL ADHESION AND BOND STRENGTH



STRESS ABSORBING



HIGH FLUORIDE RELEASE

GC Fuji LINING LC Paste Pak cartridge and dispenser. The two pastes are dispensed automatically in the correct ratio.



Minimum volume per application ← → Maximum volume per application