

Has the **lining cement** you currently use  
just **become obsolete?**



Light Cured Glass Ionomer Liner in a PASTE formulation

**GC**

# GC Fuji LINING LC Paste Pak

Exceeding expectations for you and your dental team

## No waste

The Fuji LINING LC Paste Pak adjustable dispenser allows you to dispense the exact quantity of paste you need for each lining.

## Easier mixing

Always mixes to the ideal consistency because the exact proportions are dispensed each time. The result is a perfect mix in just 10 seconds without air bubbles.

## No dripping from placement instrument

Once mixed, the lining material can be easily transferred from the mixing pad and placed exactly where required without slumping.

## No slumping in the mouth

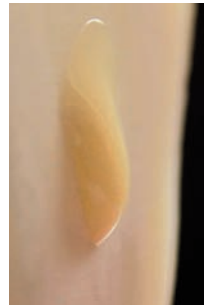
Excellent flow allows you to spread the cement evenly over the cavity walls and floor to form a protective layer in even the shallowest of cavities without running or slumping.

## Easy to identify after placement

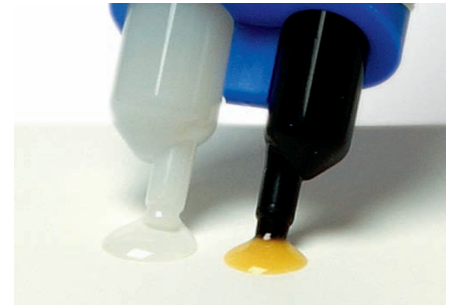
The B3 shade balances the need for aesthetics and provides a good contrasting colour especially when lining beneath a shallow composite restoration.



Fuji LINING LC  
Paste Pak



Vitrebond™



The mixed material will provide good contrast to natural dentine

## Adequate working time - fast set

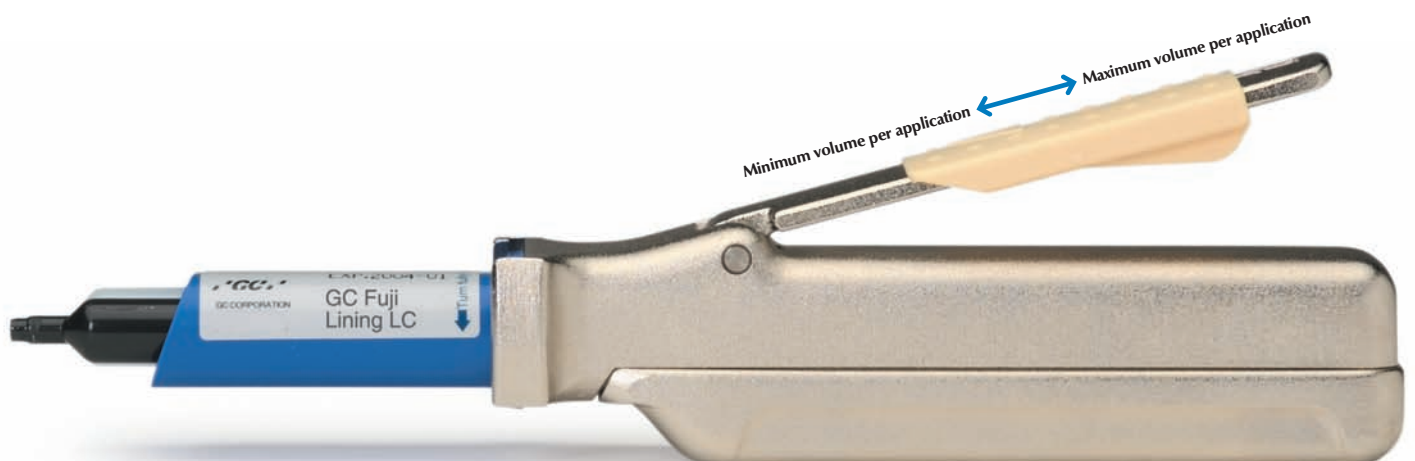
Mixing is accomplished in just 10 seconds. Working time is 2 minutes 15 seconds and then 20 seconds light cure using a conventional halogen or LED curing light.



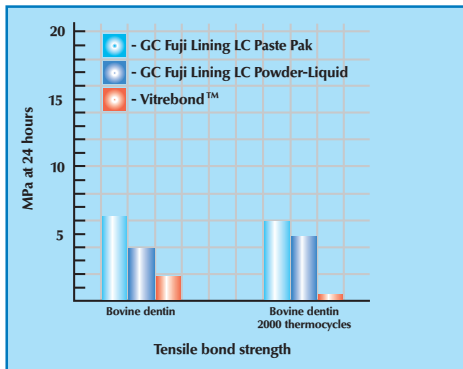
Fuji LINING LC  
Paste Pak



Vitrebond™



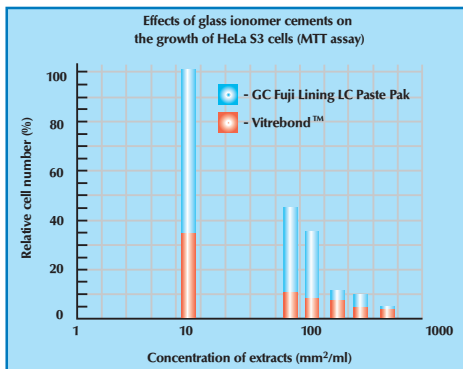
## Key technical points you need to know



### Strong chemical adhesion

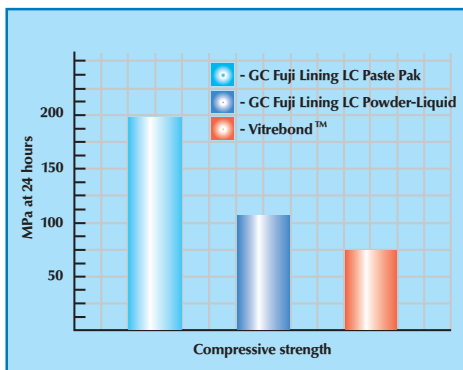
Fuji LINING LC Paste Pak bonds chemically to tooth structure to create a stress-breaking seal for long term protection of the dentine. It will adhere even when placed in a moist environment without the need for conditioning.

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



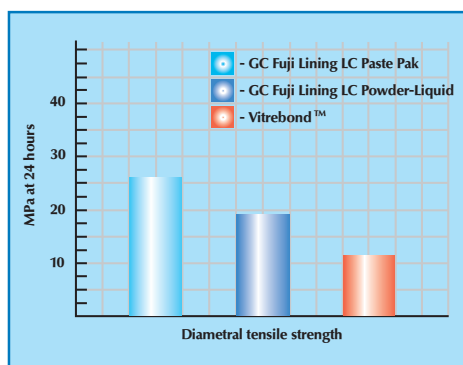
### Biocompatible

Rather than follow an antibacterial approach, current research suggests preference for a lining material that provides a bacteria-proof seal while exhibiting superior biocompatibility. This will minimise the risk of further pulpal trauma and reduce the potential for post-operative sensitivity.



### Greater strength

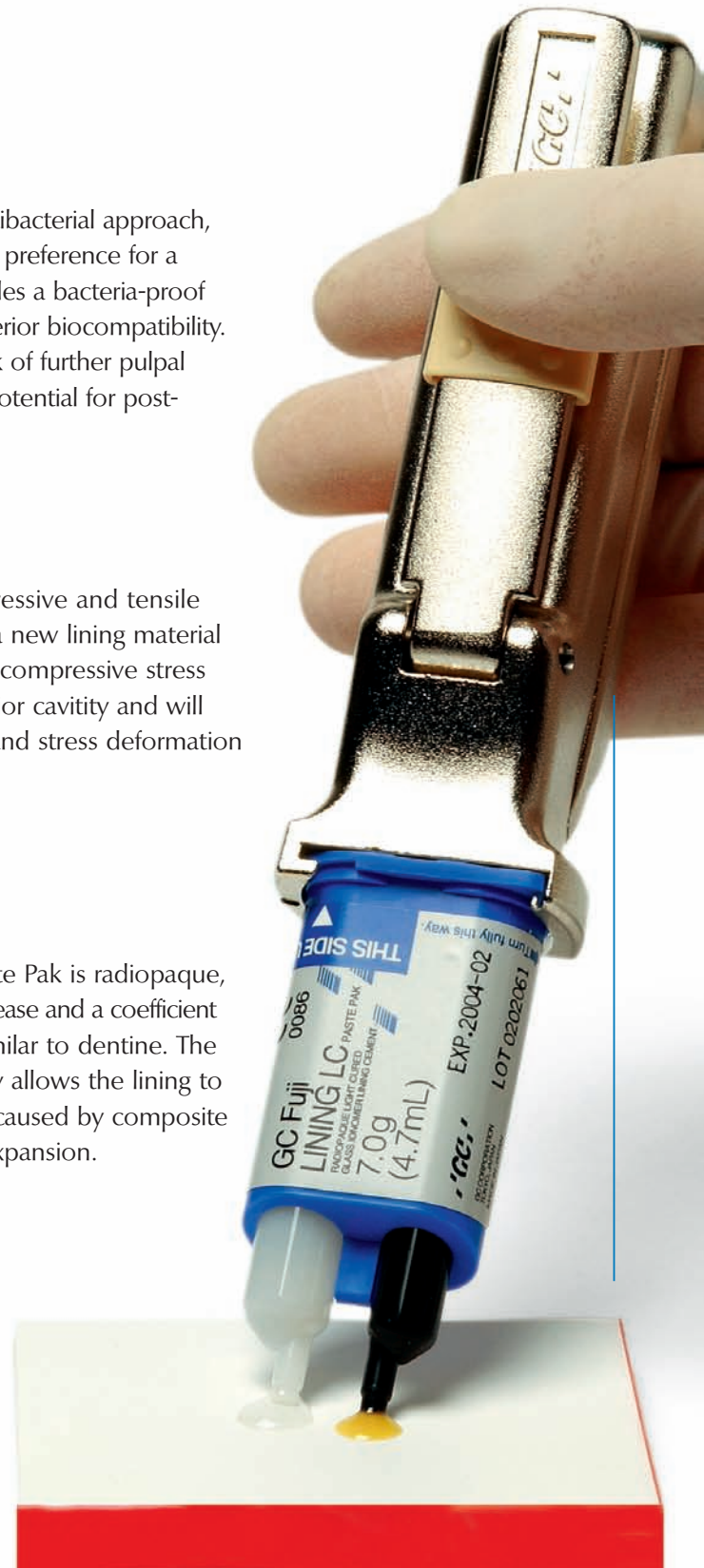
Improvements in compressive and tensile strength have provided a new lining material that can withstand extra compressive stress when placed in a posterior cavity and will be better able to withstand stress deformation in cervical areas.



### Other benefits

New Fuji LINING LC Paste Pak is radiopaque, has prolonged fluoride release and a coefficient of thermal expansion similar to dentine. The low modulus of elasticity allows the lining to flex and absorb stresses caused by composite shrinkage and thermal expansion.

## Making life easier for the entire dental team



# GC Fuji LINING LC Paste Pak

Important Information you should know

Light Cured Glass Ionomer Liner in a PASTE formulation

## Presentation



### GC Fuji LINING LC Paste Pak

1 x 7.0g (4.7ml)  
Cartridge and mixing pad

### Accessories

Paste Pak Dispenser



## Physical Properties

	GC Fuji LINING Paste Pak	Vitrebond™ Powder/liquid
Type	Resin Modified glass ionomer	Resin Modified glass ionomer
Colour	B3	A3.5
Working Time (@23°C)	2mins 15secs	3mins
Light Cure	20secs	30secs
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
Radiopacity	Yes	Yes

Source Internal data, GC Corporation.

**New GC Fuji LINING LC Paste Pak is the world's first resin modified glass ionomer available in a paste/paste formulation.**

**Whichever lining material you currently use, we are confident that, once you give Fuji LINING LC Paste Pak a try, you will never go back to your old liner again.**

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