



# THE USUAL CULPRITS

They may look sweet and innocent, but these guys can easily rip out your temporary restoration.  
***If you have been a victim, there is help.***



***Introducing the first conventional glass ionomer provisional and implant cement.***



**GC Fuji TEMP LT™**

GC Fuji TEMP LT is the first glass ionomer provisional luting cement that provides versatility, reliability, added strength for durability and ease of use with higher retention than current temporary materials. GC Fuji TEMP LT offers the benefits of glass ionomer technology, with significantly greater fluoride release and unsurpassed protection.



# GC Fuji TEMP LT™

## Versatility

GC Fuji TEMP LT can be used as a provisional luting cement for ceramic, resin and metal-based prostheses.

## Indications

- Provisional cementation of crowns and bridges
- Provisional cementation of implant-supported crowns and bridges
- Short-term provisional cementation of temporaries

## Reliability and Durability

Provides a reliable, durable bond with appropriate tensile bond strength to dentin, as well as to metal and ceramic implant abutments.

## Chemical Adhesion

Chemical adhesion is through the acid-base reaction; typical of all conventional glass ionomer cements. The result is an excellent marginal seal to enamel and dentin. GC Fuji TEMP LT helps maintain a durable seal for both tooth-supported and implant-supported restorations.

## Low Film Thickness

The thin film thickness of 6 microns allows the crown to fit precisely on the abutment or temporary restoration.

## Retention Force

Even in cases with critical retention geometry, measured force is high enough to let GC Fuji TEMP LT serve as a durable provisional luting cement, yet low enough to enable easy removal from the abutment.

## Protection

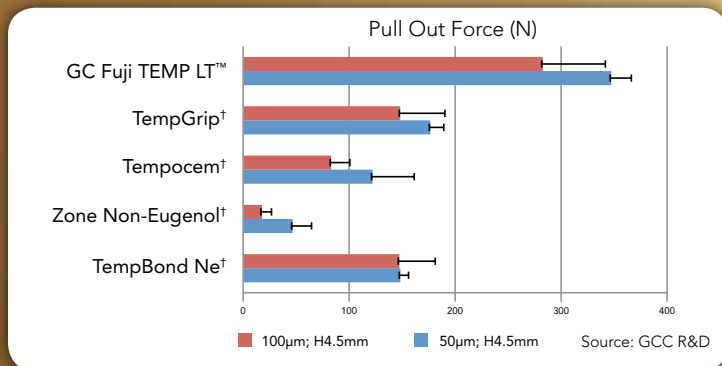
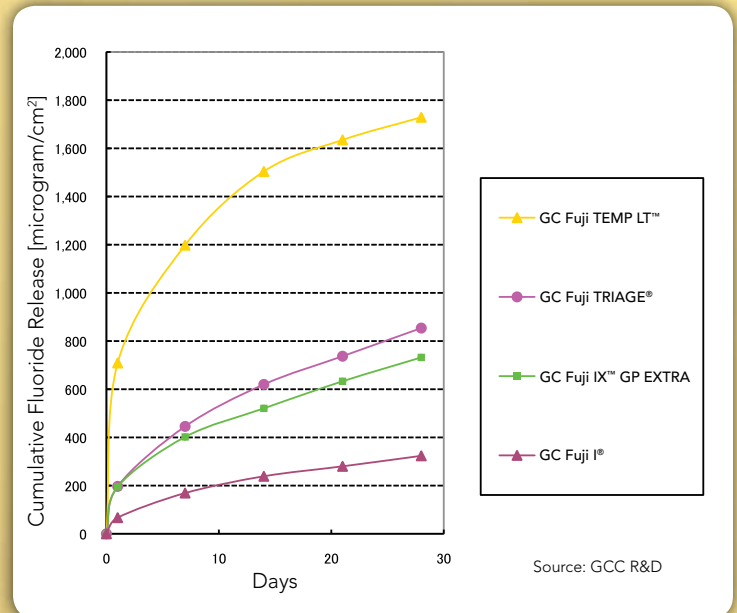
### Maximum Fluoride Release

Provides very high levels of fluoride, which helps protect restorative margins.

### Protection Against Microleakage and Biofilm Build-up

Protects against microleakage and reduces dentin sensitivity associated with exposed margins.

For implant-supported restorations, intimate contact helps prevent gaps that could allow the build-up of biofilm associated with peri-implantitis in the margin area.



Retention force was measured with single crown unit and abutment models made of stainless steel. The graph shows the retention force after one day.



**Many traditional temporary cements degrade rapidly over time compromising their usefulness for cementation of longer-term temporaries. GC Fuji TEMP LT does not.**

# Easy On. Easy Off.



## Ease of Use

Offers superior handling and ease of use; is formulated for optimal viscosity and flow.

## Quick and Easy Clean-Up

Excess cement is easily removed from around the margins, about one minute after seating. Due to its ideal radiopacity, any excess cement adjacent to periodontal tissues also shows up easily on radiographs.

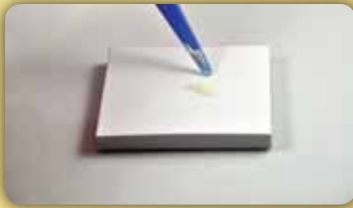
## Mixing and Placement

Flow into the restoration is ideal. Seating is effortless due to the thin film thickness, and the cement will not run or drip.

As a glass ionomer, it exhibits moisture tolerance and hydrophilicity, making placement of the restoration simple and predictable.



Exact dispensing of the two paste components.



Quick and easy mixing to a smooth consistency.

## Provisional Cementation of a Crown

GC Fuji TEMP LT is ideal for provisional placement of crowns and bridges. Optimal handling and flow with a non-runny consistency make placement quick and easy. Excess cement is easily removed after initial setting while still rubbery. It has excellent color stability.

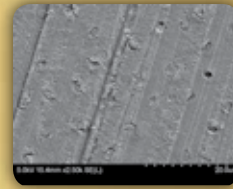


Courtesy of douglas design Technique International

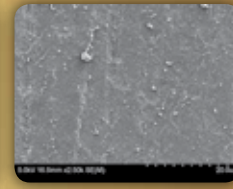
## Predictable Removal for Permanent Cementation

The inert fillers in this innovative glass ionomer cement adjust the strength of the chemical bond sufficiently to make removal predictable and safe when needed. Clean-up of abutments after removal of the fixed restoration is easily accomplished.

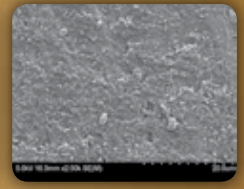
Removal of residual GC Fuji TEMP LT leaves the surface of dentin, implant abutments and restorations clean, uncompromised and ready for permanent cementation.



SEM of dentin prior to provisional luting



SEM after clean-up with hand instrument of GC Fuji TEMP LT



SEM after clean-up with hand instrument of Temp Bond NE<sup>1</sup>

## Assured Compatibility

Using GC Fuji TEMP LT as a provisional cement produces no adverse effect with any permanent cement as well as impression material and has no effect on the tensile bond strength of the permanent cement.



## Provisional Cementation of an Implant-Supported PFM Fixed Prosthesis

Source: Dr. Masao Yamazaki



Implant abutments in tooth positions #18 and #19.



Placement of a thin layer of GC Fuji TEMP LT on the internal margins of the PFM fixed prosthesis.



Easy and accurate placement, and seating due to thin film thickness.



After one minute seating, easy removal of excess cement while still rubbery.



Removal of excess luting cement interproximally.



Final three minute set to complete provisional luting of the fixed prosthesis.

### Working and Setting Time

Paste/Paste ratio (g/g)	0.7g/1.0g
Mixing time (seconds)	10"-15"
Working time (minutes, seconds) at 23°C, from start of mixing	2'00"
After restoration is seated, to remove excess cement, allow the cement to self-cure until excess cement feels rubbery	Approx. 1'0"
Final finishing commencing time (minutes, seconds)	3'00"

**Implant maintenance tip: Predictable retention and periodic removal when necessary of implant-supported prostheses are possible using GC Fuji TEMP LT.**

#### 004253 GC Fuji TEMP LT Refill

Contents: Two (13.3g) Paste Pak Cartridges and One Mixing Pad.

#### 437855 GC Fuji TEMP LT Introductory Kit

Contents: One GC Fuji TEMP LT Refill (004253) and One GC Paste Pak Dispenser.

