



*initial* IQ

*'GC'*



*initial*<sup>IQ</sup>

TIME SAVED  
MONEY EARNED

GC Initial™ IQ family of ceramic materials were designed for you, the dental professional. In an ever changing industry, GC America has developed revolutionary new materials to make dental laboratories more productive in less time, without compromising esthetics.

- Save time & money
- Increase production without compromising esthetics
- Shorten learning curve for less experienced technicians
- Increase consistency and predictability of work
- Whether you choose to press or layer, GC America offers materials that will cut your labor costs



## What the Industry Leaders are Saying...

GC America never ceases to amaze me. I was very skeptical when receiving the one powder system. Now with hundreds of units completed, there is no Vita shade that we have not been able to master with the addition of GC Initial™ IQ Lustre Pastes. This has given us the ability to produce quality units in a fraction of the time. GC Initial IQ and lustre is better than peanut butter and jelly!

- **Bob Posey, CDT, Posey Dental Lab**

GC Initial IQ One Body, with less mixing of multiple porcelains, has production advantages. It also eliminates bad blend problems, eliminating "cut backs." GC Initial IQ One Body porcelain has a nice, natural translucency.

- **Jim Williams, CDT, Town and Country Dental Lab**

For the first time, with these innovative products, we can effortlessly adjust our porcelain technique concepts and, in the process, get maximum quality and profit. Fellow Technicians: I love these products!

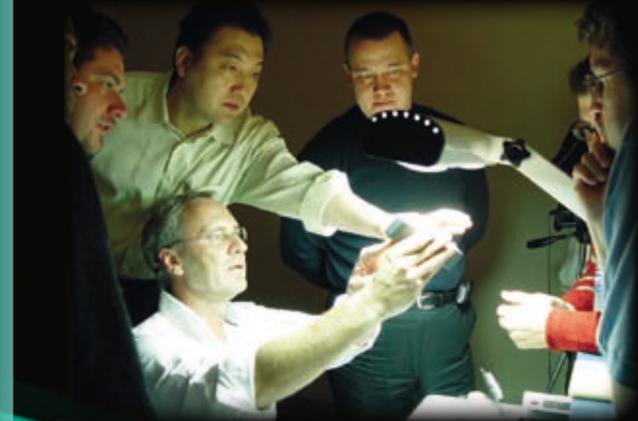
- **Luke Kahng, CDT, LSK121 Oral Prosthetics**

Having used GC Initial IQ One Body layering ceramic for PFM's for a few months now, I can say as a ceramist it surpassed my expectations with its simplicity of use and complete flexibility in producing highly esthetic restorations. As a lab owner, I have increased my PFM unit production overall by 25% while drastically reducing inventory and waste. GC Initial IQ One Body is one of those rare products you wonder how you survived so long without it.

- **Ken Jones, CDT, New Creation Dental Studio**

We have used the GC Initial IQ press system for metal and zirconia since its introduction. Layering of multiple porcelains in the past was our only choice of developing the natural look that we all want to achieve. The time it took to add these additional layers has kept us from being productive and competitive. You can now press and then apply GC Initial IQ Lustre Paste along with body colors and special effects colors to now duplicate the natural tooth. Create restorations that have depth, intense colors where needed, accentuated cusps and various ridges, and shades that are consistently easy to achieve. Now you too can reproduce the natural tooth with the GC Initial IQ system.

- **Tim Tyndall, CDT, Creative Expressions**



# initial<sub>IQ</sub>

## One Body, Layering-over Metal

The new GC Initial™ IQ – One Body, Layering-over-Metal concept enables dental technicians to achieve simple and economical reproduction of standard Vita®† shades by application of a single layer. The secret: 4 new Body materials, which can be combined with the proven three-dimensional lustre pastes.

### ONLY 4 CERAMICS FOR ALL 16 STANDARD SHADES!

The GC Initial IQ – One Body, Layering-over-Metal material, makes it possible for the first time to create esthetically impressive crown and bridgework in the 16 classic Vita®† shades with just 4 newly designed metal-ceramic base materials. The strength of the system is that in first instance you need to concentrate on the contouring and function of the restoration. After firing, the impressive color depth and translucency are achieved with the proven “paint by numbers” principle of the exclusive three-dimensional GC Initial IQ Lustre Pastes NF.

### LOW POTENTIAL FOR ERROR - LOWER PRODUCTION COSTS

The new feldspar and leucite-reinforced metal-ceramic system impresses not only by its ease of handling, the low potential for error and esthetics, but the physical properties are equally impressive: for instance, low shrinkage and excellent homogeneity with high flexural strength and firing stability guarantee that the form, function and color intensity of the restoration are reliably maintained.

### TECHNICALLY REFINED – PERFECTLY COMBINED

Given a CTE of 13.8 to 14.9, the 4 high-fusing Body materials are suitable for all conventional alloys. At the same time they are also compatible with all ceramic, stains and effect materials as well as the opaque pastes and powders from the GC Initial MC range – for individual highlights or esthetic color corrections.

GC Initial IQ – One Body, Layering-over-Metal, the new way to achieve uniform and constantly reproducible quality within a very short time.



Courtesy of Masayuki Hoshi, CDT

# Imagine ONE.



**LEFT:** Multi Powder Build.  
**RIGHT:** GC Initial™ IQ, One Body, Layering-over-Metal

Courtesy of Masayuki Hoshi, CDT



Courtesy of Luke Khang, CDT



Preparation



**ONE** Build



**ONE** Lustré



**ONE** Highly Esthetic Result

Courtesy of Michael Brusch, MDT



Metal framework perfectly masked with GC Initial MC Paste Opaque.



Full contour application of a Base Powder.



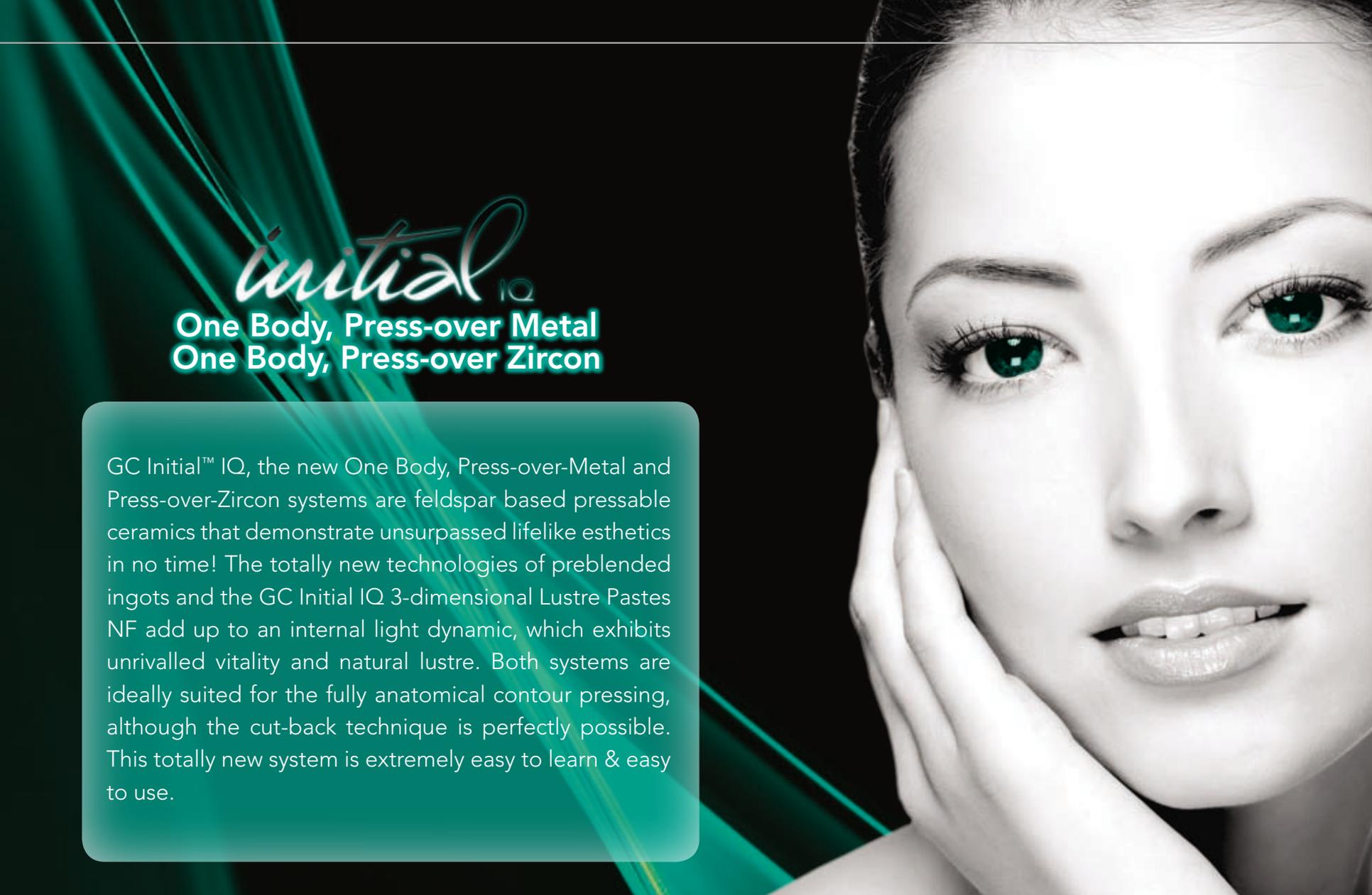
Result after one firing.



Application of Lustré Paste Body Shade.



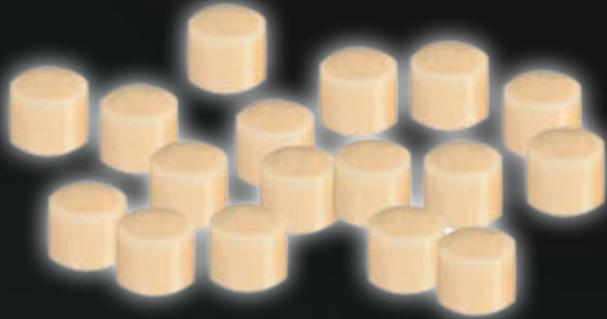
Final restoration after one firing.



*initial*<sub>IQ</sub>

**One Body, Press-over Metal**  
**One Body, Press-over Zircon**

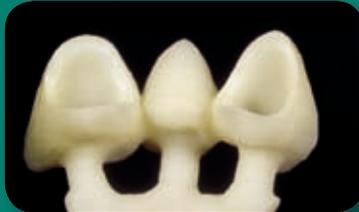
GC Initial™ IQ, the new One Body, Press-over-Metal and Press-over-Zircon systems are feldspar based pressable ceramics that demonstrate unsurpassed lifelike esthetics in no time! The totally new technologies of preblended ingots and the GC Initial IQ 3-dimensional Lustre Pastes NF add up to an internal light dynamic, which exhibits unrivalled vitality and natural lustre. Both systems are ideally suited for the fully anatomical contour pressing, although the cut-back technique is perfectly possible. This totally new system is extremely easy to learn & easy to use.



This new concept of pre-blended effect ingots in combination with the 3-D GC Initial IQ Lustre Pastes NF exhibits vitality and a natural lustre. This new development is standardized, compact and easy to use. By using this unique "One Body Concept", you are making better use of your time and can now enjoy the benefits of higher accuracy, fewer remakes and optimized productivity without sacrificing customer service or quality. Introduce GC Initial™ IQ – One Body Concept in your lab and maximize your existing resources and get a higher revenue from your dental business.



**GC Initial IQ** - One Body, Press-over-Metal is a feldspar based pressable ceramic system for conventional porcelain alloys (CTE/WAK range 13.8 to 14.9).



**GC Initial IQ** - One Body, Press-over-Zircon is a feldspar based ceramic that demonstrates outstanding lifelike esthetics and merges both the pressable and CAD/CAM technologies.

## FEATURES

- Consistency and predictability in quality of work
- Easy to learn and even easier to use
- All ceramic marginal integrity – just wax the margin and press!
- Full contour waxing is now easy to learn thanks to the wide range of prefabricated wax veneer systems on the market
- The unique preblended ingots offer repeatability in shades so less remakes
- Lifelike translucency and color depth are easily created by simply applying, ready to use, GC Initial IQ Lustre Pastes NF, newly developed 3-dimensional ceramic pastes which can be applied in a thicker layer!

## PROFITABILITY, DO MORE WITH WHAT YOU HAVE

- GC Initial IQ - Intelligent Quintessence, a clever and compact summary of materials:
  - Standard opaques from the GC Initial MC set
  - Only 7 dentin and 3 bleach ingots, to cover all 16 shades of the Vitapan®+ Classical shade guide
  - GC Initial IQ Lustre Pastes NF can be used for both systems!
- Intelligence Quintessence, a clever and compact summary of techniques:
  - The One Body Concept offers a simplified and condensed process optimizing your waxer's output and lowering the costs of training ceramists



Full contour bridgework



Application of Lustre Pastes



Final restoration after only 1 firing

# *initial*<sup>IQ</sup>

## Lustre Pastes NF

GC Initial™ IQ Lustre Pastes NF are newly developed 3-dimensional ceramic pastes, which can be applied in a thicker layer, creating color depth and lifelike translucency.

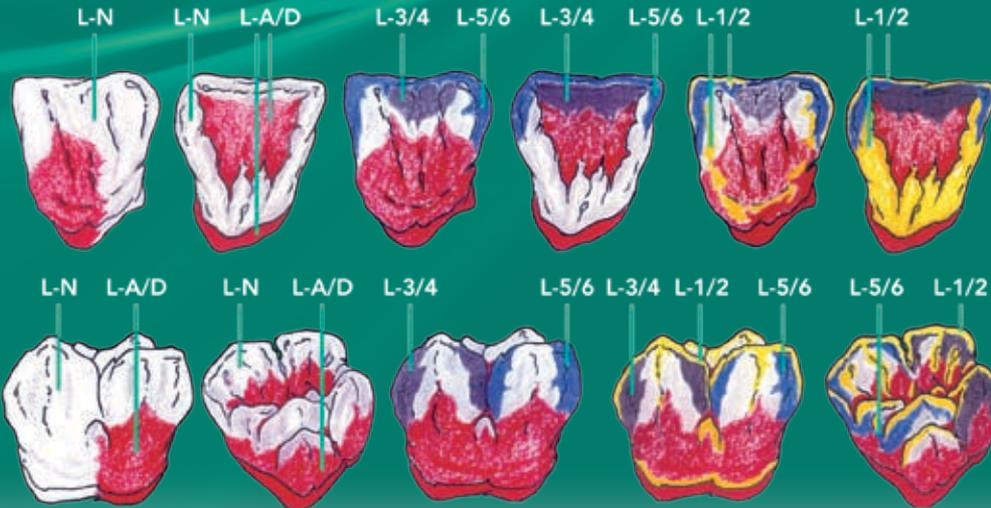
### FEATURES:

- With an optimal match to both “low” & “high” CTE range, GC Initial IQ Lustre Pastes NF are compatible to almost all types of dental ceramic
- GC Initial IQ Lustre Pastes NF are based on fine ceramic particles allowing a thicker application compared to conventional stains & glazes
- Due to the unique paste medium, it has a fine thixotropic property for easy and exact applications
- GC Initial IQ Lustre Pastes NF are low fusing, ceramic pastes that do not wear like some stains, glazes or surface protectants

## LUSTRE PASTES SHADES:



## PAINT BY NUMBERS:



### GC Initial™ IQ Lustre Pastes NF

- New improved delivery system
- Available in ready to use consistency (1 neutral, 1 value, 4 body shades and 8 enamel effect shades)
- Just one dedicated kit for all indications
- Wide CTE range of 6.9-13.3 to work with nearly all types of ceramics

## GC Initial™ IQ - One Body, Press-over-Zircon

**875010** IQ/Power Frame Modifier-Zr PFM-1 (10g)  
**875011** IQ/Power Frame Modifier-Zr PFM-2 (10g)  
**875012** IQ/Power Frame Modifier-Zr PFM-3 (10g)  
**875013** IQ/Power Frame Modifier-Zr PFM-4 (10g)  
**872701** IQ/Effect Ingot A1-Zr (5x2g)  
**872702** IQ/Effect Ingot A2-Zr (5x2g)  
**872703** IQ/Effect Ingot B1-Zr (5x2g)  
**872704** IQ/Effect Ingot B2-Zr (5x2g)  
**872705** IQ/Effect Ingot C1-Zr (5x2g)  
**872706** IQ/Effect Ingot C2-Zr (5x2g)  
**872707** IQ/Effect Ingot D2-Zr (5x2g)  
**872708** IQ/Effect Ingot Bleach AO-Zr (5x2g)  
**872709** IQ/Effect Ingot Bleach BO-Zr (5x2g)  
**872710** IQ/Effect Ingot Bleach BOO-Zr (5x2g)  
**872740** IQ/Effect Ingot A1-Zr (4x5g)  
**872741** IQ/Effect Ingot A2-Zr (4x5g)  
**872742** IQ/Effect Ingot B1-Zr (4x5g)  
**872743** IQ/Effect Ingot B2-Zr (4x5g)  
**872744** IQ/Effect Ingot C1-Zr (4x5g)  
**872745** IQ/Effect Ingot C2-Zr (4x5g)  
**872746** IQ/Effect Ingot D2-Zr (4x5g)  
**872747** IQ/Effect Ingot Bleach AO-Zr (4x5g)  
**872748** IQ/Effect Ingot Bleach BO-Zr (4x5g)  
**872749** IQ/Effect Ingot Bleach BOO-Zr (4x5g)  
**872721** IQ/Correction Powder A1-Zr (5g)  
**872722** IQ/Correction Powder A2-Zr (5g)  
**872723** IQ/Correction Powder B1-Zr (5g)  
**872724** IQ/Correction Powder B2-Zr (5g)  
**872725** IQ/Correction Powder C1-Zr (5g)  
**872726** IQ/Correction Powder C2-Zr (5g)  
**872727** IQ/Correction Powder D2-Zr (5g)  
**872728** IQ/Correction Powder Bleach AO-Zr (5g)  
**872729** IQ/Correction Powder Bleach BO-Zr (5g)  
**872730** IQ/Correction Powder Bleach BOO-Zr (5g)  
**877075** Press-over-Zircon Set

## GC Initial™ IQ - One Body, Press-over-Metal

**870000** Fluo Crystals  
**872501** IQ/Effect Ingot A1-M (5x2g)  
**872502** IQ/Effect Ingot A2-M (5x2g)  
**872503** IQ/Effect Ingot B1-M (5x2g)  
**872504** IQ/Effect Ingot B2-M (5x2g)  
**872505** IQ/Effect Ingot C1-M (5x2g)  
**872506** IQ/Effect Ingot C2-M (5x2g)  
**872507** IQ/Effect Ingot D2-M (5x2g)  
**872508** IQ/Effect Ingot Bleach AO-M (5x2g)  
**872509** IQ/Effect Ingot Bleach BO-M (5x2g)  
**872510** IQ/Effect Ingot Bleach BOO-M (5x2g)  
**872521** IQ/Effect Ingot A1-M (4x5g)  
**872522** IQ/Effect Ingot A2-M (4x5g)  
**872523** IQ/Effect Ingot B1-M (4x5g)  
**872524** IQ/Effect Ingot B2-M (4x5g)  
**872525** IQ/Effect Ingot C1-M (4x5g)  
**872526** IQ/Effect Ingot C2-M (4x5g)  
**872527** IQ/Effect Ingot D2-M (4x5g)  
**872528** IQ/Effect Ingot Bleach AO-M (4x5g)  
**872529** IQ/Effect Ingot Bleach BO-M (4x5g)  
**872530** IQ/Effect Ingot Bleach BOO-M (4x5g)  
**872540** IQ/Correction Powder A1-M (5g)  
**872541** IQ/Correction Powder A2-M (5g)  
**872542** IQ/Correction Powder B1-M (5g)  
**872543** IQ/Correction Powder B2-M (5g)  
**872544** IQ/Correction Powder C1-M (5g)  
**872545** IQ/Correction Powder C2-M (5g)  
**872546** IQ/Correction Powder D2-M (5g)  
**872547** IQ/Correction Powder Bleach AO-M (5g)  
**872548** IQ/Correction Powder Bleach BO-M (5g)  
**872549** IQ/Correction Powder Bleach BOO-M (5g)  
**877074** Press-over-Metal Set

## GC Initial™ IQ, One Body, Layering-over-Metal

**877077** One Body, Layering-over-Metal Set  
**872560** Body A Powder (50g)  
**872561** Body B Powder (50g)  
**872562** Body C Powder (50g)  
**872563** Body D Powder (50g)  
**872660** Body A Powder (250g)  
**872661** Body B Powder (250g)  
**872662** Body C Powder (250g)  
**872663** Body D Powder (250g)

## GC Initial™ IQ - Lustre Pastes NF

**876220** Lustre Paste Diluting Liquid (8mL)  
**876400** Lustre Paste NF Refresh Liquid (8mL)  
**876401** Lustre Paste NF Lustre Paste Neutral (4g)  
**876402** Lustre Paste NF Body Shade A (4g)  
**876403** Lustre Paste NF Body Shade B (4g)  
**876404** Lustre Paste NF Body Shade C (4g)  
**876405** Lustre Paste NF Body Shade D (4g)  
**876406** Lustre Paste NF Enamel Effect Shade 1 - Vanilla (4g)  
**876407** Lustre Paste NF Enamel Effect Shade 2 - White (4g)  
**876408** Lustre Paste NF Enamel Effect Shade 3 - Light Grey (4g)  
**876409** Lustre Paste NF Enamel Effect Shade 4 - Dark Grey (4g)  
**876410** Lustre Paste NF Enamel Effect Shade 5 - Light Blue (4g)  
**876411** Lustre Paste NF Enamel Effect Shade 6 - Dark Blue (4g)  
**876412** Lustre Paste NF Enamel Effect Shade 7 - Inciscio (4g)  
**876413** Lustre Paste NF Enamel Effect Shade 8 - Olive (4g)  
**876414** Lustre Paste NF Enamel Effect Shade V - Value (4g)  
**877043** Lustre Paste NF Glass Spatula  
**877051** Lustre Paste NF Brush 00  
**877052** Lustre Paste NF Brush 2  
**877053** Lustre Paste NF Mixing Dish  
**877054** Lustre Paste NF Plastic Cover  
**877078** Lustre Paste NF Set

## GC Initial™ IQ, Accessories

**872102** Ring Base System Small  
**872103** Ring Base System Medium  
**872104** Ring Base System Large  
**900428** One Way Press Plungers for (30x2g)  
**900429** One Way Press Plungers for (30x5g)

## Related Products - GC MultiPressVest®

**800242** GC MultiPressVest Intro Package  
**800243** GC MultiPressVest Powder (6kg)  
**872104** GC MultiPressVest Liquid (900mL)



**GC Initial™ IQ**  
One Body, Layering-over-Metal



**GC Initial™ IQ**  
One Body, Press-over-Metal



**GC Initial™ IQ**  
One Body, Press-over-Zircon



**GC Initial™ IQ**  
Lustre Pastes NF



