

# Variolink® II is still the one.



The standard in adhesive cementation for over 15 years

**Variolink® II**  
Esthetic Resin Cement

**ivoclar**  
**vivadent**  
passion vision innovation

# Variolink® II

## Esthetic Resin Cement



### Clinical Reliability

Variolink® II has become the standard by which all others are measured when it comes to adhesive cementation of esthetic all-ceramic restorations such as IPS Empress®. Variolink's® clinical reliability has been proven by long term clinical studies<sup>1</sup> and the more than 30 million<sup>1</sup> restorations placed worldwide.

### Individualized Esthetics

Variolink II is available in 6 shades and 3 levels of translucency to meet highly esthetic clinical demands.

- The Transparent shade does not affect the appearance of the restoration.
- The Bleach XL, White, Yellow and Brown shades allow for shade modification. Value can be adjusted up with the Bleach XL and White shades, or down with the Yellow and Brown shades.
- The White Opaque shade offers excellent masking properties.



### Shade Simulation

The water-soluble Variolink® II Try-In pastes are shaded according to the six Variolink® II base shades. With the restoration "tried in," these materials will simulate the final shade of the polymerized cement and the final appearance of the restoration.

### Three Viscosities

Different clinical requirements call for materials of different consistencies. Variolink® II materials are available in three viscosities; Low, High and Ultra High for the ultrasonic based luting technique.



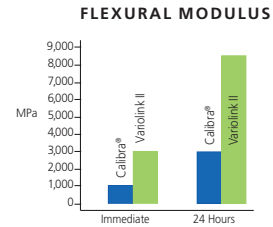
### Applicator Tips

Special applicator tips improve handling and reduce waste during application.

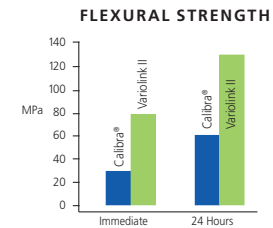


## Strength

Quick maturation of a resin cement is important. While all resin cements improve in strength over a 24 hour period, Variolink II has a higher flexural strength and modulus of elasticity immediately after curing as well as at 24 hours<sup>1</sup>, providing greater strength and stability to your restorations as soon as your patients leave the office. (Light cure base only)



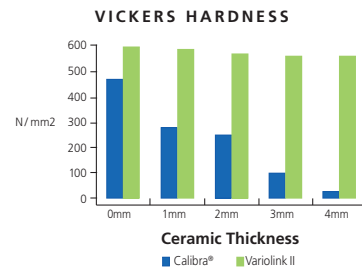
Flexural modulus or Young's modulus measures the combination of strength and endurance of a material.



Flexural strength is the measure of the force that a material can endure before it breaks.

## Reactivity

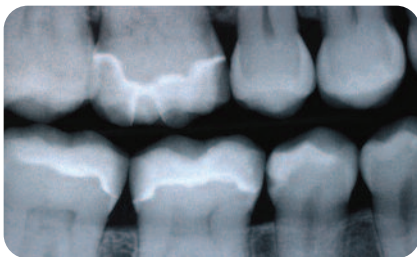
Variolink® II's performance is consistent regardless of the indication or application. In a laboratory study<sup>1</sup> simulating reactivity of base resin cements cured through ceramic samples of various thicknesses, Variolink® II maintained optimal hardness regardless of the thickness of the ceramic, even up to 4mm. (Light cure base only. Halogen light 500mW/cm<sup>2</sup>)



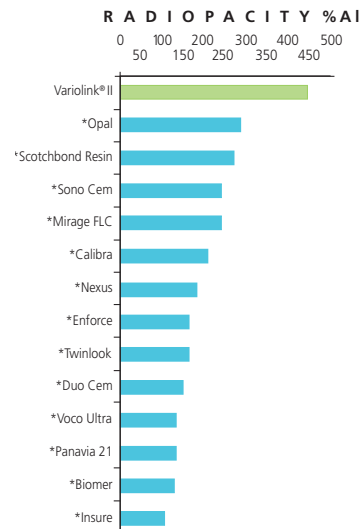
Vickers Hardness measures the hardness value of the cured material. The important criteria when curing through ceramic is that the hardness value is high and consistent when curing through various thicknesses of ceramic.

## Radiopacity

With the highest radiopacity in its category<sup>1</sup>, Variolink® II is highly visible on dental x-rays facilitating complete removal of excess and sound diagnosis on recalls. The patented ytterbium trifluoride filler enhances radiopacity while providing the surrounding environment with fluoride release.



*Variolink® II's excellent radiopacity permits the clear distinction of the restoration, cement and caries on x-rays.*



# Variolink® II



## Delivery forms

- 628319 Variolink® II Esthetic Cementation System**
- 6 - Variolink II base cement (2.5 g syringes) (1 each; Bleach XL, White, Transparent, Yellow, Brown, Opaque White)
  - 2 - Variolink II Catalyst - Transparent (2.5 g syringes) (1 each; high viscosity, low viscosity)
  - 2 - Variolink II Catalyst - Yellow (2.5 g syringes) (1 each; high viscosity, low viscosity)
  - 12 - ExcITE DSC adhesive (0.1 g unit dose vessels)
  - 1 - Total Etch (2 g syringe), 37% phosphoric acid etching gel
  - 1 - Monobond Plus (5 g bottle), restorative primer
  - 1 - Liquid Strip (2.5 g syringe) glycerin gel
- Various accessories

- 558947 Variolink® II Assortment**
- 6 - Variolink II base cement (2.5 g syringes) (1 each; Bleach XL, White, Transparent, Yellow, Brown, Opaque White)
  - 2 - Variolink II Catalyst - Transparent (2.5 g syringes) (1 each; high viscosity, low viscosity)
  - 2 - Variolink II Catalyst - Yellow (2.5 g syringes) (1 each; high viscosity, low viscosity)
- Various accessories

### Variolink® II Base Refills (1 x 2.5 g syringe)

- 558949** Base - Bleach XL/010
- 558950** Base - Transparent
- 558951** Base - White/110/A1
- 558952** Base - Yellow/210/A3
- 558953** Base - Brown/340/A4
- 558954** Base - Opaque/100/White

### Variolink® II Catalyst Refills (1 x 2.5 g syringe)

- 558955** Catalyst - Yellow High Viscosity (thick)
- 558956** Catalyst - Yellow Low Viscosity (thin)
- 558957** Catalyst - Transparent High Viscosity (thick)
- 558958** Catalyst - Transparent Low Viscosity (thin)
- 559224** Variolink® II Precision Applicator Tips  
20 - luer-lock applicator tips (black)

- 558959 Variolink® II Try-In Paste Assortment**
- 6 - Variolink II Try-In Paste (2.5 g syringes) (1 each; Bleach XL, White, Transparent, Yellow, Brown, Opaque White)

### Variolink® II Try-In Paste Refills (1 x 2.5 g syringe)

- 558960** Try-In Base - Bleach XL/010
- 548793** Try-In Base - Transparent
- 548794** Try-In Base - White/110/A1
- 548795** Try-In Base - Opaque/100/White
- 548796** Try-In Base - Yellow/210/A3
- 548797** Try-In Base - Brown/340/A4

- 558319 Variolink® Ultra**
- 1 - Variolink Ultra base cement (3 g syringe), Yellow/210/A3
  - 1 - Variolink Ultra catalyst (3 g syringe), Yellow/210/A3

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<sup>1</sup> data available upon request.



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