

# Ardent Glass Ionomers

Filling Plus  
Filling Molar  
Luting



Filling therapy made in Sweden.



**ARIDENT**  
Swedish quality since 1956





## Ardent GIC Filling Plus

### Product description

Ardent GIC Plus is a glass ionomer restorative material with chemical adhesion to enamel and dentine. Continuous fluoride release provides against secondary caries.

### Clinical indications

- Class III fillings
- Fillings of caries lesions
- Repair of V-shaped defects and cervical enamel erosions
- Restoration of deciduous teeth/milk teeth
- Prevents secondary caries

### Features and benefits

- Good marginal adaptation
- High Radiopacity
- Continuously high fluoride release
- Exquisite aesthetics restoration
- Tooth-like translucency
- High chemical adhesion to dentine and enamel for durable fillings
- To be offered in A2 and A3 shade

### Delivery form

Ardent GIC Plus Kit A2 (15g+10ml)	15022001
Ardent GIC Plus Kit A3 (15g+10ml)	15021414
Ardent GIC Plus Refill Powder A2 (15g)	14322753
Ardent GIC Plus Refill Powder A3 (15g)	15061415
Ardent GIC Refill Plus Liquid (10ml)	15061411

### Physical properties in accordance with ISO 9917

Compressive strength	160MPa
Water solubility	0,40%
Shear Bond strength	6,0 MPa
Radiopacity	> 210% AL
Working time	3 min.
Intraoral setting time	5 min.

### Shelf life

Storage at room temperature 5 years



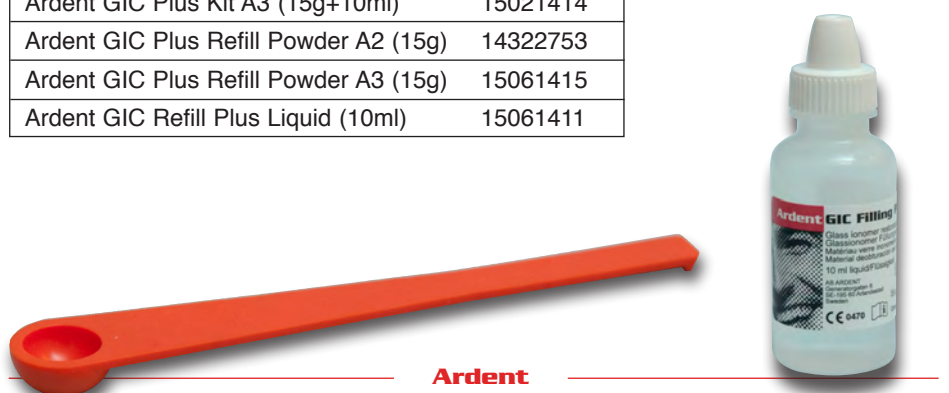
Ardent GIC Filling Plus Kit 15 g and 10 ml



Ardent GIC Filling Plus Refill Liquid 10 ml



Ardent GIC Filling Plus Refill Powder 15 g and Liquid 10 ml



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## Ardent GIC Filling Molar

### Product description

Ardent GIC Molar is a glass ionomer material for fillings with chemical adhesion to enamel and dentine and continuously high release of fluoride ions provides against secondary caries.

### Clinical indications

- Repair of V-shaped defects and cervical enamel erosions
- Long-term temporaries for class I and II cavities
- Restoration of deciduous teeth
- Restoration of non occlusion-bearing class I cavities
- Core build-up

### Features and benefits

- Non-sticky
- Continuous high fluoride release
- Radiopaque
- Biocompatible
- Tooth-like aesthetic translucency
- High abrasion resistance, compressive and transverse strength
- To be offered in A2 and A3 shade

### Delivery form

Ardent GIC Molar Kit A2 (15g+10ml)	15021422
Ardent GIC Molar Kit A3 (15g+10ml)	15021413
Ardent GIC Molar Refill Powder A2 (15g)	14322751
Ardent GIC Molar Refill Powder A3 (15g)	15061413
Ardent GIC refill Molar Liquid (10ml)	15041212

### Physical properties in accordance with ISO 9917

3 point flexural strength (ISO 4049)	45 MPa
Compressive strength	230 MPa
Diametral tensile strength	15 MPa
Radiopacity	260% AL
Working time	2 Min.
Intraoral setting time	4 min.

### Shelf life

Storage at room temperature 5 years



Ardent GIC Filling Molar Kit 15 g and 10 ml



Ardent GIC Filling Molar Refill Powder 15 g and Liquid 10 ml



Ardent GIC Filling Molar Refill Powder 15 g



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## Ardent GIC Luting

### Product description

Ardent GIC Luting is a glass ionomer cement with outstanding features include low solubility in the mouth and low acidity. This low Film thickness ensures a high accuracy of fitting crowns, bridges, post and orthodontic bands

### Clinical indications

Luting of crowns, inlays, onlays, bridges, pins, posts and orthodontic bands

### Physical properties in accordance with ISO 9917

Compressive strength	120MPa
Water solubility	0,5-0,8%
Shear Bond strength	6-7 MPa
Film thickness	15 $\mu$ m
Working time	3 min.
Intraoral setting time	6-7 min.

### Shelf life

Storage at room temperature 5 years

### Features and benefits

- Low solubility in the mouth
- Low acidity
- Biocompatible
- Easy application
- Good flow ability
- Pulp friendly

### Delivery form

Ardent GIC Luting will come in two delivery forms:

#### 15g powder & 10ml Liquid

Ardent GIC Luting Kit (15g+10ml)	150021001
Ardent GIC Luting Refill Powder (15g)	15021412
Ardent GIC Luting Refill Liquid (10ml)	15061412

#### 35g powder & 15ml liquid

Ardent GIC Luting Kit (35g+15ml)	11180350
Ardent GIC Luting Refill Powder 35g	11180250
Ardent GIC Luting Refill Liquid 15ml	11180150



Ardent GIC Luting Kit 15 g and 7 ml



Ardent GIC Luting Refill Powder 15 g and Liquid 7 ml



Ardent GIC Luting Refill Liquid 15 ml and Powder 35 g



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