## ORDER DETAILS

### SYRINGES

- Luna 5 Syringe Intro Kit
  - 5 x 4g Syringes
  - 1 x A1, 1 x A2, 1 x A3, 1 x B1, 1 x B2, 1 x B3
  - 2 x 2mL Super Etch Gel Syringes
  - 25 x Super Etch Disposable Tips
  - 1 x 5mL Staed Single Component
  - Disinfectant alumina
  - 1 x Luna Shade Guide
  - 40 x Points, Fine Tip (White)
  - 1 x Mixing Well - Dual

<table>
<thead>
<tr>
<th>Item</th>
<th>Code</th>
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<tbody>
<tr>
<td>Luna 1 Syr A1</td>
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<td>Luna 1 Syr A2</td>
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<td>Luna 1 Syr A3</td>
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<td>Luna 1 Syr A3.5</td>
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<td>Luna 1 Syr B1</td>
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</tbody>
</table>

### COMPLETS

- Luna Complete Intro Kit
  - 60 x 0.25g Luna Complete
  - 24 x A1, 24 x A2, 24 x A3, 24 x OA2, Bleach
  - 2 x 2mL Super Etch Gel Syringes
  - 20 x 0.5mL Super Etch Disposable Tips
  - 1 x 5mL Staed Single Component
  - Disinfectant alumina
  - 1 x Luna Shade Guide
  - 40 x Points, Fine Tip (White)
  - 1 x Mixing Well - Dual

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<td>Luna 20 Comp B2</td>
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### APPLICATORS

- Premium Complete Applicator
  - 5545022
- Economical Complete Applicator
  - 8100120

### INSTRUCTIONS

1. Etch tooth surface with Super Etch 37% phosphoric acid for 20 seconds
2. Wash thoroughly
3. Apply Luna to saturate all internal surfaces, or bonding agent according to manufacturer’s instructions
4. Light cure for 3 seconds
5. Polish and finish

### SYRINGES

- Luna 5 Syringe Intro Kit
  - 5 x 4g Syringes
  - 1 x A1, 1 x A2, 1 x A3, 1 x B1, 1 x B2, 1 x B3
  - 2 x 2mL Super Etch Gel Syringes
  - 25 x Super Etch Disposable Tips
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  - Disinfectant alumina
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### ORDER DETAILS

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<td>Luna 1 Syr B1</td>
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**COMPLETS**

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<tbody>
<tr>
<td>Luna Complete Intro Kit</td>
<td>8401032</td>
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</table>

**APPLICATIONS**

- Premium Complete Applicator
  - 5545022
- Economical Complete Applicator
  - 8100120

**INSTRUCTIONS**

1. Apply Staed to saturate all internal surfaces, or bonding agent according to manufacturer’s instructions
2. Blow gently with dry, oil-free air for 2 seconds to evaporate solvent
3. Leave surface glossy
4. Light cure for 10 seconds
5. Place Luna in increments of 2mm or less
6. Cure Luna for 20 seconds in increments of 3mm
7. Polish and finish
8. Follow manufacturer’s instructions for specific applications.
SUPERIOR STRENGTH, SUPERIOR AESTHETICS

NANOHYBRID TECHNOLOGY
Filler particle size affects the aesthetic and mechanical properties of composites. Luna contains a hybrid of nano and micron sized particles to achieve optimal aesthetics and strength.

Nano particles assist in polishability and the maintenance of surface smoothness over time. Micron sized particles contribute to strength and durability. Luna's hybrid filler makes it ideal for anterior and posterior restorations.

CHAMELEON EFFECT
Luna displays a chameleon effect, enabling it to take on the shade of the tooth surrounding it and present a seamless margin between tooth and restoration. Luna has an optimal translucency that allows the creation of natural looking restorations.

NATURAL FLUORESCENCE AND OPALESCENCE
When exposed to ultraviolet light, Luna displays the fluorescent characteristics of natural tooth structure. Opalessent properties also match that of a natural tooth. In all types of light, restorations using Luna display intrinsic brilliance that ensures patient satisfaction after they leave the dental chair.

HIGH FLEXURAL STRENGTH
High flexural strength is paramount to mitigate tension and compressive forces teeth are exposed to in stress bearing situations.

Class I and Class II restorations are subject to high forces and require the use of materials with high flexural strength. With flexural strength of 136 MPA, Luna is ideal for use in stress bearing areas and is designed to withstand the forces of mastication.

77% FILLER LOAD

SUPERIOR COMpressive STRENGTH
Luna has a filler load of 77% by weight. Strontium glass filler in combination with the carefully selected filler loading, delivers high compressive strength to enhance the longevity of restorations.

COMpressive STRENGTH

<table>
<thead>
<tr>
<th>Material</th>
<th>Compressive Strength (MPa at 24 hours)</th>
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<tbody>
<tr>
<td>Luna</td>
<td>360*</td>
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<tr>
<td>HelioEasy*</td>
<td>340*</td>
</tr>
<tr>
<td>Tetric EvoCeram*</td>
<td>250*</td>
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<tr>
<td>Tetric All-Purpose Body*</td>
<td>244*</td>
</tr>
</tbody>
</table>

*SDI internal data
~Competitor published data
-HelioMolar, Aelite All-Purpose Body and Tetric EvoCeram are not the registered trademarks of SDI

OPTIMAL RADIOACITY
Restorative materials with radiopacity enable the detection of voids and secondary caries throughout the life of a restoration. Luna has a radiopacity level higher than dentine; ensuring clear visibility of restoration margins on radiographs for quick and confident diagnosis.

TECHNICAL DATA
Filler load (total) 77% weight

Depth of cure (mm) 2
Compressive strength (MPa at 24 hours) 360
Flexural strength (MPa at 24 hours) 136
Volumetric shrinkage (%) 2.88
Radiopacity (OAI) 180

EXTENSIVE SHADE RANGE
Luna is available in 14 universal shades (A1, A2, A3, A3.5, A4, B1, B2, B3, C1, C2, C3, D2, D3, D4).

Luna is also available in specialty shades:
- Dentine shades (D2, D3, D4.5)
- Bleach shade
- Incisal shade

NON-STICK TO INSTRUMENTS
Luna’s non-stick handling facilitates the placement of restorations. Luna will not slump or pull back, enabling the efficient creation of optimal dental morphology.

Luna has a creamy consistency, with firm packing, making it easy to layer the composite without voids.

PARTICLE SIZE DISTRIBUTION

14 UNIVERSAL SHADES

0.01
0.1
1
100
1000
10000
PARTICLE SIZE (m)

FLEXURAL STRENGTH

<table>
<thead>
<tr>
<th>Flexural Strength (MPa)</th>
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<tbody>
<tr>
<td>Luna*</td>
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<tr>
<td>Filtek Z250*</td>
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<tr>
<td>CeramX Mono*</td>
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<tr>
<td>Gradia Direct*</td>
</tr>
</tbody>
</table>

*SDI internal data
^Ceram X Mono, Gradia Direct and Filtek Z250 are not the registered trademarks of SDI

References:
4. Luna shade guide, SDI

CHAMELEON EFFECT
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