ÆLITE™ Composites
High Strength, Low Shrink, Simply Beautiful
Signature Materials From BISCO

ÆLITE AESTHETIC ENAMEL (NANO HYBRID)
Light-Cured Reinforced Nanohybrid Composite

- Designed for use in combination with ÆLITE All-Purpose Body or ÆLITE LS Posterior as the final enamel layer.
- Integrated with submicron filler particles, ÆLITE Aesthetic Enamel offers excellent polishability and reinforced strength.
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- ÆLITE Aesthetic Enamel has significantly less microleakage than other nano composites.¹

ÆLITE LS POSTERIOR (HYBRID)
Light-Cured Low Shrinkage Hybrid Composite

- Lowest shrinkage composite in its class (1.47%²)
- ÆLITE LS Posterior had significantly lower shrinkage and significantly greater hardness than other “low shrink” composites.³
- ÆLITE LS Posterior exhibited the lowest Stress Rate and one of the lowest levels of Polymerization Shrinkage Stress according to the ADA Professional Product Review testing of posterior composites.⁴

ÆLITE ALL-PURPOSE BODY (MICRO HYBRID)
Light-Cured Universal Microhybrid Composite

- The ideal choice for professionals desiring a universal restorative material or dentin/body replacement.
- The highly filled and reinforced particles maximize marginal integrity and increase stain resistance.

1. Microleakage and Shear Bond Strength of New Composites, C.A. TENNISWOOD, J.B. DENNISON, A.A. HERRERO, AND P. YAMAN, University of Michigan, Ann Arbor, USA, J Dent Res 86(Spec Iss A):abstract number 0352, 2007 (www.dentalresearch.org)
ÆLITE Composites, Perfection Unveiled

ÆLITE composites cater to your direct restorative needs. When you select ÆLITE composites from BISCO, you also benefit from our proven knowledge and experience in providing innovative esthetic restorative materials.

- Superior handling properties allow for easy placement, contouring and sculpting final anatomy
- Lowest shrinkage hybrid composite in its class to minimize stress
- Radiopaque for easy identification on radiographs
- A variety of shades that mimics the natural dentition

**Exceptional Esthetics**
The ÆLITE Composite System incorporates light-cured, resin-based dental restorative materials and provides exceptional esthetics for all classes of direct restorations. BISCO’s color specialists perfected the ÆLITE Composite System to provide a complete spectrum of natural translucency and optimal color matching with adjacent dentition. ÆLITE corresponds to the VITA** shade guide.

**Resistant to Wear and Stain**
Patient satisfaction is our top priority! ÆLITE composites will not prematurely wear. The ÆLITE Composite System combines highly filled hybrid and reinforced nanofil composites. This combination maximizes marginal integrity and provides stain resistance. ÆLITE is an excellent selection for its polishability and strength.

**Optimal Handling**
Whether you are rebuilding a cusp or creating anatomy, you need a composite that will not slump. Enhanced handling properties facilitate easy placement and contouring for direct restorative treatment. ÆLITE composites are non-sticky, sculptable composites that support the artistry in your restorations.

**Physical Properties & Indications**

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<tr>
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<th>Flexural Strength</th>
<th>Flexural Modulus</th>
<th>Compressive Strength</th>
<th>Diametric Tensile Strength</th>
<th>Volumetric Shrinkage</th>
<th>% Filled (Wt./ Vol.)</th>
<th>Size Range</th>
<th>Indications</th>
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</thead>
<tbody>
<tr>
<td><strong>ÆLITE All-Purpose Body</strong></td>
<td>146 MPa</td>
<td>9 GPa</td>
<td>214 MPa</td>
<td>49 MPa</td>
<td>3.16%</td>
<td>76/55</td>
<td>0.04-0.7µm</td>
<td>Universal Application of Class I, II, III, IV, V, VI</td>
</tr>
<tr>
<td><strong>ÆLITE LS Posterior</strong></td>
<td>120 MPa</td>
<td>15 GPa</td>
<td>261 MPa</td>
<td>43 MPa</td>
<td>1.6%</td>
<td>89/75</td>
<td>0.04-3.5µm</td>
<td>Class I, II, VI</td>
</tr>
<tr>
<td><strong>ÆLITE Aesthetic Enamel</strong></td>
<td>114 MPa</td>
<td>13 GPa</td>
<td>337 MPa</td>
<td>45 MPa</td>
<td>3.18%</td>
<td>73/53</td>
<td>0.04-5.0µm</td>
<td>Aesthetic Enamel Layer Class I, II, III, IV, V, VI</td>
</tr>
<tr>
<td><strong>ÆLITE Aesthetic Enamel - Incisal</strong></td>
<td>110 MPa</td>
<td>8 GPa</td>
<td>344 MPa</td>
<td>55 MPa</td>
<td>3.03%</td>
<td>73/53</td>
<td>0.04-5.0µm</td>
<td>Aesthetic Enamel Layer Class I, II, III, IV, V, VI</td>
</tr>
</tbody>
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* VITA is a registered trademark of VITA ZAHNFABRIK H. Rauter GmbH & Co. KG Germany.
Bottom Up Dentistry. Top Down Esthetics.

The ÆLITE Aesthetic Universal Kit meets all your direct restorative needs. The ÆLITE Composite Kit provides everything you need to accommodate the “single-composite restoration” technique and the “multi-shade layering” technique.

ÆLITE is available in two delivery systems: 4g syringes or 0.25g unit-dose tips which allow you to inject composite directly into the preparation.

All tips and syringes are color-coded for easy identification.

ÆLITE AESTHETIC ENAMEL (E)
- A1, A2, A3, A3.5, A4, B1, B2, B3, B4, C1, C2, C3, C4, D2, D3, D4, Bleach W-E

ÆLITE AESTHETIC ENAMEL IN CISAL
- Frost, Clear, Light Gray

ÆLITE ALL-PURPOSE BODY
- A1, A2, A3, A3.5, B1, C2, D3, Light Opaque A1-O, Dark Opaque A3.5-O

ÆLITE LS POSTERIOR (PLS)
- A1, A2, A3, A3.5, B1, C2, C4, D3,

ORDERING INFORMATION

ÆLITE Aesthetic Universal Composite Kits
- 2 Syringes ÆLITE All-Purpose Body (4g ea.) Shades: A1, A2
- 3 Syringes ÆLITE Aesthetic Enamel (4g ea.) Shades: A1, A2, C2
- 1 Syringe ÆLITE Aesthetic Enamel Incisal (4g) Shade: CLEAR
- 1 Syringe UNI-ETCH® with BAC
- 1 Bottle ONE-STEP® PLUS
- 1 Bottle BisCover™ LV
- 1 Syringe MODELING RESIN
- Accessories, Instructions/MSDS

Syringe Kit
- H-85240K

Unit-Dose Kit
- H-85440K

Items are also sold individually. ÆLITEFLO™ /ÆLITEFLO LV and ÆLITE™ Packable are also available.

BISCO products are proudly made in the U.S.A.

TO ORDER CALL: 800-247-3368 • 847-534-6000