



Optimized Handling

AELITE™ Composites

High Strength, Low Shrink, Simply Beautiful





Signature Materials From BISCO

AELITE AESTHETIC ENAMEL (NANOHYBRID) *Light-Cured Reinforced Nanohybrid Composite*

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

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

- Lowest shrinkage composite in its class
- AELITE LS Posterior had significantly lower shrinkage and significantly greater hardness than other “lower shrink” composites.
- AELITE 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.

AELITE ALL-PURPOSE BODY (MICROHYBRID) *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.

AELITE Composites, Perfection Unveiled

AELITE composite cater to your direct restorative needs. When you select AELITE 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 AELITE Composite System incorporates light-cured, resin-based dental restorative materials and provides exceptional esthetic for all classes of direct restorations. BISCO's color specialists perfected the AELITE Composite System to provide a complete spectrum of natural translucency and optimal color matching with adjacent dentition. AELITE corresponds to the VITA shade guide.

Resistant to Wear and Stain

Patient satisfaction is our top priority! AELITE composites will not prematurely wear. The AELITE Composite System combines highly filled hybrid and



Anterior Before



Anterior After



Posterior Before



Posterior After

Dentistry courtesy of Dr. Richard Lin and Dr. Sergio Rubinstein

reinforced nanofil composites. This combination maximizes marginal integrity and provides stain resistance. AELITE 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. AELITE composites are non sticky, sculptable composites that support the artistry in your restorations.

Physical Properties & Indications

	Flexural Strength	Flexural Modulus	Comprehensive Strength	Diametric Tensile Strength	Volumetric Shrinkage	% Filled (Wt./Vol.)	Size Range	Indications
AELITE All-Purpose Body	146 MPa	9 GPa	214 MPa	49 MPa	3.16%	76/55	0.04-0.7 µm	Universal Application of Class I, II, III, IV, V, VI
AELITE LS Posterior	120 MPa	15 GPa	261 MPa	43 MPa	1.6%	89/75	0.04-3.5 µm	Class I, II, VI
AELITE Aesthetic Enamel	114 MPa	13 GPa	337 MPa	45 MPa	3.18%	73/53	0.04-5.0 µm	Aesthetic Enamel Layer Class I, II, III, IV, V, VI
AELITE Aesthetic Enamel-Incisor	110 MPa	8 GPa	344 MPa	55 MPa	3.03%	73/53	0.04-5.0 µm	Aesthetic Enamel Layer Class I, II, III, IV, V, VI

Bottom Up Dentistry. Top Down Esthetics

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

AELITE 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.

-  **AELITE AESTHETIC ENAMEL (E)**
A1, A2, A3, A3.5, A4, B1, B2, B3, B4, C1, C2, C3, C4, D2, D3, D4, Bleach W-E
-  **AELITE AESTHETIC ENAMEL INCISAL**
Frost, Clear, Light Gray
-  **AELITE ALL-PURPOSE BODY**
A1, A2, A3, A3.5, B1, C2, C4, D3, Light Opaque A1-O, Dark Opaque A3.5-O
-  **AELITE LS POSTERIOR (PLS)**
A1, A2, A3, A3.5, B1, C2, C4, D3



ORDERING INFORMATION

AELITE Aesthetic Universal Composite Kits

- 2 Syringes AELITE All-Purpose Body (4g ea.) Shades: A1, A2
- 3 Syringes AELITE Aesthetic Enamel (4g ea.) Shades: A1, A2, C2
- 1 Syringe AELITE 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

