

New Dental Materials

3M/ESPE recently introduced **Filtek LS Low Shrink Posterior Restorative**, a restorative resin that is advertised to exhibit polymerization shrinkage values of less than one percent. Instead of the familiar Bis-GMA resin, Filtek LS is based on a silorane resin system and requires a dedicated, silorane-based adhesive, 3M ESPE LS System Adhesive Self-Etch Primer and Bond. Filtek LS can be classified as a microhybrid and is 76% filled using quartz fillers and radiopaque yttrium fluoride. The photoinitiator system still relies on the camphorquinone photoinitiator but requires a minimum light activation time of 20 seconds using LED curing lights with irradiance greater than 1000 mW/cm², and a minimum of 40 seconds using LED curing lights with irradiance less than 1000 mW/cm² and when using all halogen based VLC units. 3M/ESPE stresses that these minimum light activation times cannot be compensated by shorter irradiation times using high-intensity VLC units (e.g., laser or plasma-arc lamps). Currently, Filtek LS is only indicated for Class I and II posterior restorations. Presently, Filtek LS Low Shrink Posterior Restorative is available in only syringe or capsule trial kits. Each kit is available for \$92.99 (suggested retail) and \$72.53 (government) and both capsules and syringes are available in shades of A2, A3, B2, and C2 in refills.



Product	Item Number	Contents
Filtek LS Low Shrink Posterior Restorative Capsule Trial Kit	4901TK	20 – 0.2 g capsules shade A3 1 – 5 mL vial Primer 1 – 5 mL vial Adhesive 50 – Green microbrushes 50 – Black microbrushes 1– Mixing well
Filtek LS Low Shrink Posterior Restorative Syringe Trial Kit	4902TK	1 – 4 g syringe shade A3 1 – 5 mL vial Primer 1 – 5 mL vial Adhesive 50 – Green microbrushes 50 – Black microbrushes 1– Mixing well

For additional information contact 3M/ESPE at:

(800) 634-2249,
(612) 733-8524,
(800) 888-3132 FAX, or
www.3MESPE.com.

DUX Dental recently introduced **Hemodettes**, a hemostatic gel in a unit-dose cup. According to the manufacturer, hemodettes are a 20% buffered aluminum chloride lubricating hemostatic gel with saturated cotton pellets packaged in unit-dose disposable, plastic cups featuring an attached finger ring. Unit-dose packaging eliminates cross-contamination and according to DUX dental, the light blue color of the gel identifies the areas of placement and affords easy/complete rinsing. The viscosity of the gel reportedly eliminates migration from the area of placement and each cup contains two cotton pellets for easy, fast application. Hemodettes are available in a jar containing 25 unit-dose cups for \$21.00 (suggested retail) or \$15.78 (government).



For additional information contact DUX Dental at:

(800) 833-8267,
(805) 488-1122,
(800) 444-5170 FAX, or
www.duxdental.com.