

Filtek™ Z250 XT

Nano Hybrid Universal Restorative



A better nanohybrid
made simple to use.

3M ESPE

A practical, simple solution from a trusted leader.

Dental practices are always looking for alternative restorative solutions that provide a great value. 3M ESPE, the innovator of dental nanofiller technology and a recognized world leader in dental restoratives, used its expertise to create a better, all-purpose nanohybrid: **Filetek™ Z250 XT Nano Hybrid Universal Restorative**.

Building on the success of its predecessor, Filetek™ Z250 Universal Restorative, we incorporated our proven nanofiller technology to improve the physical properties of strength, wear resistance and polish. We think you'll find that Filetek Z250 XT Nano Hybrid Universal Restorative is an updated solution for meeting a wide range of patient needs.

Filetek Z250 XT Nano Hybrid restorative offers the handling dentists prefer.

For decades, 3M ESPE has worked to continually improve and perfect handling from the dentist's point of view. Here are some ways the excellent handling of Filetek Z250 XT restorative will make your work go smoothly.

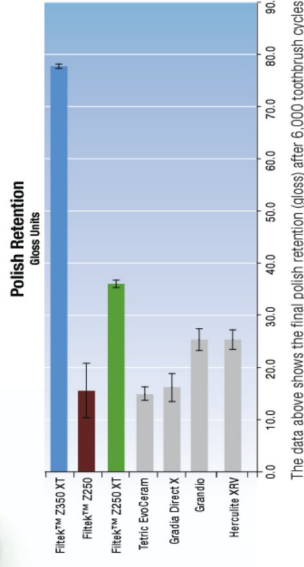
- Doesn't stick to the instrument so is easy to adapt
- Doesn't slump, yet will blend and feather
- Is easy to sculpt and holds its shape prior to cure
- Handles better than other nanohybrid composites



Filetek™ Z250 XT Nano Hybrid Universal Restorative

Predictable Esthetics

Filetek™ Z250 XT Nano Hybrid restorative was specifically designed to yield a composite that is easy to polish and easy to achieve a good esthetic result.



Historically, a weakness of hybrids with their relatively large particle sizes has been polish retention. Only true nanocomposites such as Filetek™ Z350 XT Universal Restorative deliver polish retention similar to what can be achieved with a microfill. However, within the class of hybrids, Filetek™ Z250 XT Nano Hybrid Universal Restorative with the addition of nanoparticles performs well against competition. Tiles were prepared to a high initial polish then subjected to toothbrush abrasion.

Strong & Reliable Performance

Filetek™ Z250 XT Nano Hybrid restorative is formulated with a broad range of particle sizes to allow a higher filler loading. The result is high flexural strength, diametral tensile strength and wear resistance. When you place Filetek™ Z250 XT restorative, you can trust in a reliable outcome.

Easy to use in all classes of direct restorations.

Our new nanohybrid composite is designed to be easy to use, whether creating anterior or posterior restorations.



Photos courtesy of Dr Robert C. Margheas, DDS.

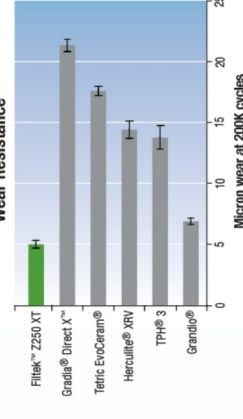
Photos courtesy of Jeff T. Burk, M.D.

With 12 popular shades that match the Vita® Classical Shade Guide, you'll find it easy to blend Filetek Z250 XT restorative with the patient's natural teeth. Plus, it's very easy to polish. This everyday restorative will look good ... anytime and anywhere you use it.

What is a nanohybrid?

Nanohybrid composites offer a reliable solution for a wide range of restorative needs. They contain a broad range of particle sizes for higher filler loading, which leads to strength that's similar to a traditional hybrid. The addition of nano-sized particles gives the restoration better wear resistance and a surface that is easier to polish for good esthetic results.

Wear Resistance



Smaller filler particles make a composite more wear resistant because they leave less interparticle distance and the resin matrix is more protected. The filler design of Filetek™ Z250 XT Nano Hybrid Universal Restorative with its nanoparticles reduces the exposed resin and gives Filetek Z250 XT Nano Hybrid restorative excellent wear resistance.

Summary of advantages

- Excellent handling
- Predictable esthetics
- High strength
- Good wear resistance
- Easy to polish
- 12 popular shades
- Indicated for all direct restorations



Ordering Information.

Item # Product Information

- 1470IK** Filtek™ Z250 XT Nano Hybrid Universal Restorative Introductory Kit—Syringes
Kit includes: 4 – 3g syringes: 1 each of shades A2, A3, A3.5, B2; 1 – 6g vial Adper™ Single Bond 2 Adhesive; 1 – 3ml syringe Scotchbond™ Etchant; Accessories; Technique Guide; Instructions for Use
- 1471IK** Filtek™ Z250 XT Nano Hybrid Universal Restorative Introductory Kit—Capsules
Kit includes: 80 – 0.2g capsules: 20 each of shades A2, A3, A3.5, B2; 1 – 6g vial Adper™ Single Bond 2 Adhesive; 1 – 3ml syringe Scotchbond™ Etchant; Accessories; Technique Guide; Instructions for Use

REFILLS	SYRINGES	CAPSULES
Shade	Item #	Item #
A1	1470A1	1471A1
A2	1470A2	1471A2
A3	1470A3	1471A3
A3.5	1470A3.5	1471A3.5
A4	1470A4	1471A4
B1	1470B1	1471B1
B2	1470B2	1471B2
B3	1470B3	1471B3
C2	1470C2	1471C2
D3	1470D3	1471D3
OA2	1470OA2	1471OA2
OA3	1470OA3	1471OA3

SYRINGE SHADE REFILLS include 1 – 3g syringe.

CAPSULE SHADE REFILLS include 20 – 0.2g capsules; Instructions for Use.



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