

Instructions for Use

HyperFIL™ -DC Dual-Cure Resin Composite

HyperFIL™-DC is a radiopaque, nanofilled dual-cure composite restorative designed for quick and easy placement of tooth-colored posterior restorations. It eliminates the need for flowable liners and incremental curing. It is available in a single universal shade (approximately A2/B2) appropriate for posterior restorations where precise shade matching is not critical.

Shade : Universal (Approx. A2/B2)
 Light-Cure: 40 seconds with any curing light
 Self-Cure: 4 minutes

Indications:

For restorations where a precise shade match is not critical. As expressed from the cartridge, the material flows to conform well to the tooth surface. This high flowability may necessitate the use of special matrixing techniques where interproximal contacts must be restored.

Contraindications:

Not for use on or by persons with a sensitivity to methacrylates, dimethacrylates or similar resins.

Precautions:

When using any resin restorative material, avoid eugenol-containing cements or liners.

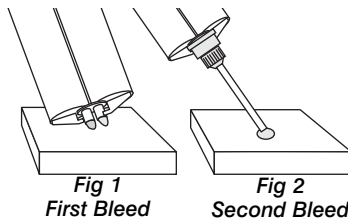
NOTE: Before placing HyperFIL, confirm that your bonding agent is compatible with dual-cure composites. HyperFIL bonds well to Parkell's Brush&Bond™, Touch&Bond™ and Amalgambond®. However, some other bonding agents (particularly self-etchers) do not bond effectively to self-cure and dual-cure resins.

Instructions for use - Restorations

1.) Complete tooth preparation as usual. Apply and cure a bonding agent that is compatible with dual-cure resins.

2.) Double-bleed the HyperFIL cartridge: Place the HyperFIL cartridge into your dispensing gun. Remove and discard the cap. Bleed a small amount of material onto a pad to assure that material is flowing from both orifices.

(Fig 1). Affix a mixing tip and express small amount onto the pad



(Fig 2). Then affix the intraoral tip to the end of the mixing tip. Immediately proceed to step 3.

3.) Place the intraoral tip into the bottom of the preparation to avoid trapping air and slowly express the composite as you withdraw the tip. Keep the tip immersed in the HyperFIL until the prep is adequately filled to eliminate air entrapment.

(It is not necessary to use a flowable liner to adapt to the prep floor, or to build/cure the restoration in incremental layers).

NOTE: If you are restoring a Class I preparation, after expressing the HyperFIL, press an alcohol-lubed gloved finger against the occlusal surface to assure good adaptation between the material and the preparation.

4.) Light cure the surface for at least 40 seconds with any curing light. NOTE: Even though HyperFIL is a dual-cure material, the surface MUST be light cured to assure shade stability and the hardest possible finish.

5.) Shape the restoration using conventional stones and wheels.

6.) Polish as usual using conventional rotary polishing points, or apply Parkell's DuraFinish composite glaze (Stock No. S295).

Instructions for use – Cores

When using HyperFIL for cores that will be immediately prepped and impressed, you want the strongest possible immediate bond. In this case it may be helpful to light-cure a thin layer of HyperFIL over the cured bonding agent first, before expressing the balance of the core.

Storage: Avoid excessive heat. Refrigeration is not essential, but it will prolong the shelf life of the product. Chilled material should be allowed to warm to room temperature before use. Do not store near eugenol-containing materials.

Available in:

- 25ml cartridge with mixing and intraoral tips – S325
- 10ml syringe with mixing and intraoral tips – S326
- Dispensing gun for 10ml syringe – S327

WARRANTY:

Parkell will replace defective material. **This warranty is in lieu of all warranties of merchantability, fitness for purpose or other warranties, express or implied.** Parkell does not accept liability for any loss or damage, direct, consequential or otherwise, arising out of the use of or the inability to use the product herein described. Before using, the user shall determine the suitability of the product for its intended use and the user assumes all risk and liability whatsoever in connection herewith.



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