

EQUIA Forte[®] HT

Bulk fill glass hybrid restorative system

Cost-effective, long-term
restorative alternative



Since 1921
100 years of Quality in Dental



Cost-effective, long term restorative alternative

Building on the success of EQUIA Forte®, **EQUIA Forte® HT** is a cost-effective, long-term restorative alternative with enhanced mechanical properties, optimal ion exchange and sound marginal seal. Thanks to the Glass Hybrid technology, consisting of smaller and highly reactive glass particle and longer polyacrylic acid chains, **EQUIA Forte® HT** displays advanced mechanical properties with improved flow and non-sticky handling. To complete the restorative system, the self-adhesive resin, EQUIA Forte® Coat, protects the restoration from acid exposure and helps to maintain excellent wear resistance over time. This makes **EQUIA Forte® HT** a versatile and durable restorative alternative for a wide range of indications in all patients.

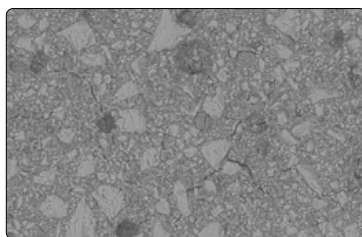
- Long-term performance and cost-effectiveness
- Excellent biocompatibility
- Your alternative for a wide range of situations



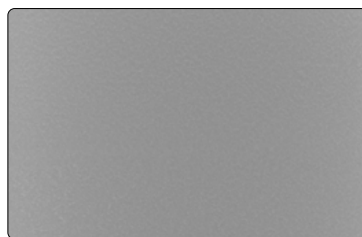
EQUIA Forte® Coat

Working in synergy with EQUIA Forte® HT Fill, the nano-filled, self-adhesive resin **EQUIA Forte® Coat** features GC's single dispersion nanofiller and reinforced resin technologies, providing high wear resistance and a smooth & glossy touch to the restoration in just a few seconds.

- Strength and hardness
- Wear resistance
- Smooth and glossy surface



EQUIA Forte® HT Fill
Without coat*



EQUIA Forte® HT Fill
Coated*

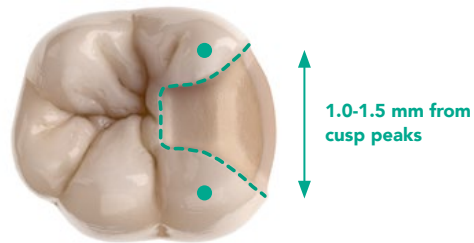


* SEM Pictures of EQUIA Forte® HT Fill Restoration
Magnification: X1000 Source: GCC R&D Data. Data on File

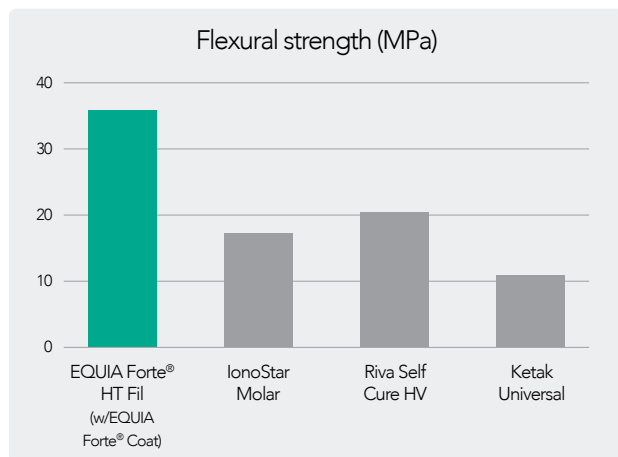
Strong & durable

Glass hybrid systems offer the strength of the latest innovative glasses combined with the wear resistance of a nano-filled coating. The unique synergy between the coating and the restorative material improves the durability and wear resistance of the restorations¹.

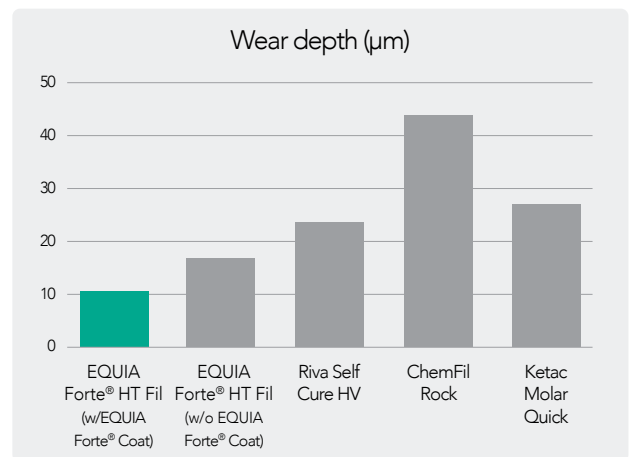
With the ion exchange capacity, Glass hybrid systems prevent demineralization and promote remineralization of tooth structure.



EQUIA Forte® HT is indicated for stress-bearing Class II cavities.



Source: Prof. Marco Ferrari, Italy.



Source: GC R&D, Japan, 2018, Data on file.

Long-term performance and cost-effectiveness

EQUIA Forte® HT is a reliable system based on 5 years of clinical experience with EQUIA Forte®. Results from a multicenter randomized clinical trial show that EQUIA Forte® performs **as good as composite after 5 years, with survival rate of 94.5%**².

Short chair time, less interventions needed over the years and similar performance as resin composites, these features make Glass Hybrids a cost-effective alternative according to several independent, long-term clinical studies.



Survival rate at 5 years.

Learn more



¹ Basso M et al. 7 Years, Multicenter, Clinical Evaluation on 154 Permanent Restorations Made with a Glass Ionomer-based Restorative System. J Dent Res Vol 95 (Spec Iss B):0446.

² Miletic I, et al. Five-year Performance of Glass-Hybrid and Nano-Hybrid Restoratives: Multi-Centre Clinical Trial. J Dent Res Vol 102 (Spec Iss C): 0363

Eco-friendly

With 25% lower amount of plastic than the competition, GC capsules contribute to reduce the amount of CO₂ emission and empower dentists to contribute to green dentistry. Dental Advisor reports that "EQUIA Forte® HT Fil capsule packaging has less total mass than the other products (...) making it the most efficient packaging design." *DA



Learn more



**DA DENTAL
ADVISOR**™

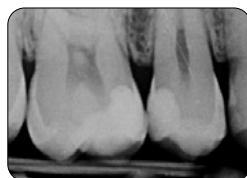
Product insights you can trust.

Fast & easy bulk placement

EQUIA Forte® HT can be used in the partial caries excavation technique to create minimally invasive preparations. As no etching is used and the system relies on chemical adhesion, there is less risk of post-operative sensitivity – which also makes it a safe treatment solution.

0'00"	0'10"	1'30"	2'30"	3'00"	3'05"	3'25"
Place True bulk-fill technique Convenient capsule delivery	Shape Prolonged working time Easy to contour Non-sticky	Finish Set after 2'30"	Coat Glossy surface without polishing with increased wear resistance and exceptional marginal seal	Light-cure Finished in just 3'25"		

EQUIA Forte® HT, your best partner for posterior restorations.



Courtesy of Dr. Z Bilge Kütük, Turkey

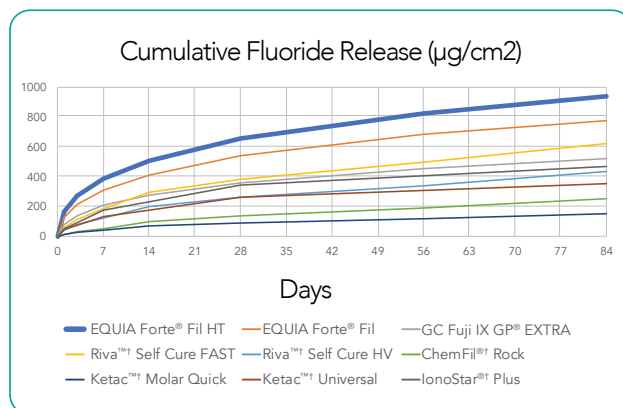
Main indications for EQUIA Forte® HT

Excellent biocompatibility

EQUIA Forte® HT exhibits a strong chemical bond to tooth providing exceptional marginal seal. The isolation is not needed as the bond strength is not compromised even in presence of saliva. Since no etchant is used, there is virtually no post-operative sensitivity. Due to its hydrophilic nature and coefficient of thermal expansion similar to dentine, it is an excellent biocompatible material.

Superior fluoride release

EQUIA Forte® HT exhibits not only high but prolonged fluoride release. As seen in the graph, EQUIA Forte® HT provides superior fluoride release than that of many restoratives. This class of restoratives can be used in conjunction with MI Paste Plus® and MI Paste® ONE to recharge fluoride content³.



Source: GC R&D, Japan, 2018. Data on file.

†Ketac™ is a trademark of 3M. Riva™ is a trademark of SDI Limited. ChemFil® Rock is a registered trademark of Dentsply Sirona. IonoStar® Plus is a registered trademark of VOCO GmbH.

Your alternative for a wide range of situations!

Amalgam replacement

Courtesy of Dr. Victor Cedillo Felix, USA



High caries risk patient

Courtesy of Dr. Zeynep Bilge Kütük, Turkey



Restoration of MIH affected teeth

Courtesy of Dr. Patrick Rouas, France



³ Y. Hokii et al. Fluoride Ion Release/Recharge Behavior of Ion-Releasing Restorative Materials, Dental Materials, Volume 35, Supplement 1, 2019 (Accepted for publication).

EQUIA Forte® HT

Ordering information



EQUIA Forte® HT Intro Kit

Contains: 48 EQUIA Forte® HT Capsules (Powder 0.4g, Liquid: 0.13g (0.10mL) per capsule), one EQUIA Forte® Coat (4mL) bottle, 1 CAVITY CONDITIONER (GC) (5.7mL).

453001 A1 HT	453002 A2 HT	453003 A3 HT	453004 A3.5 HT
453006 B1 HT	453007 B2 HT	453008 B3 HT	453009 C4 HT
453005 Assorted			

EQUIA Forte® HT Fil Refill

Contains: 48 EQUIA Forte® HT Capsules (Powder 0.4g, Liquid: 0.13g (0.10mL) per capsule).

453010 A1 HT	453011 A2 HT	453012 A3 HT	453013 A3.5 HT
453014 B1 HT	453015 B2 HT	453016 B3 HT	453017 C4 HT
453000 Assorted			

452500 EQUIA Forte® Coat Bottle Refill

Contains: One EQUIA Forte® Coat (4mL) bottle.

452505 EQUIA Forte® Coat Unit Dose Refill

Contains: 50 EQUIA Forte® Coat (0.1mL each) unit doses, 50 Micro-Tip Applicators and one Applicator Holder.

000110 CAVITY CONDITIONER (GC)

Contains: One (5.7mL) bottle.

013764 NEW GC CAPSULE APPLIER V

Contains: One capsule applier.



Scan the QR Code to learn more
about Glass Hybrid technology

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