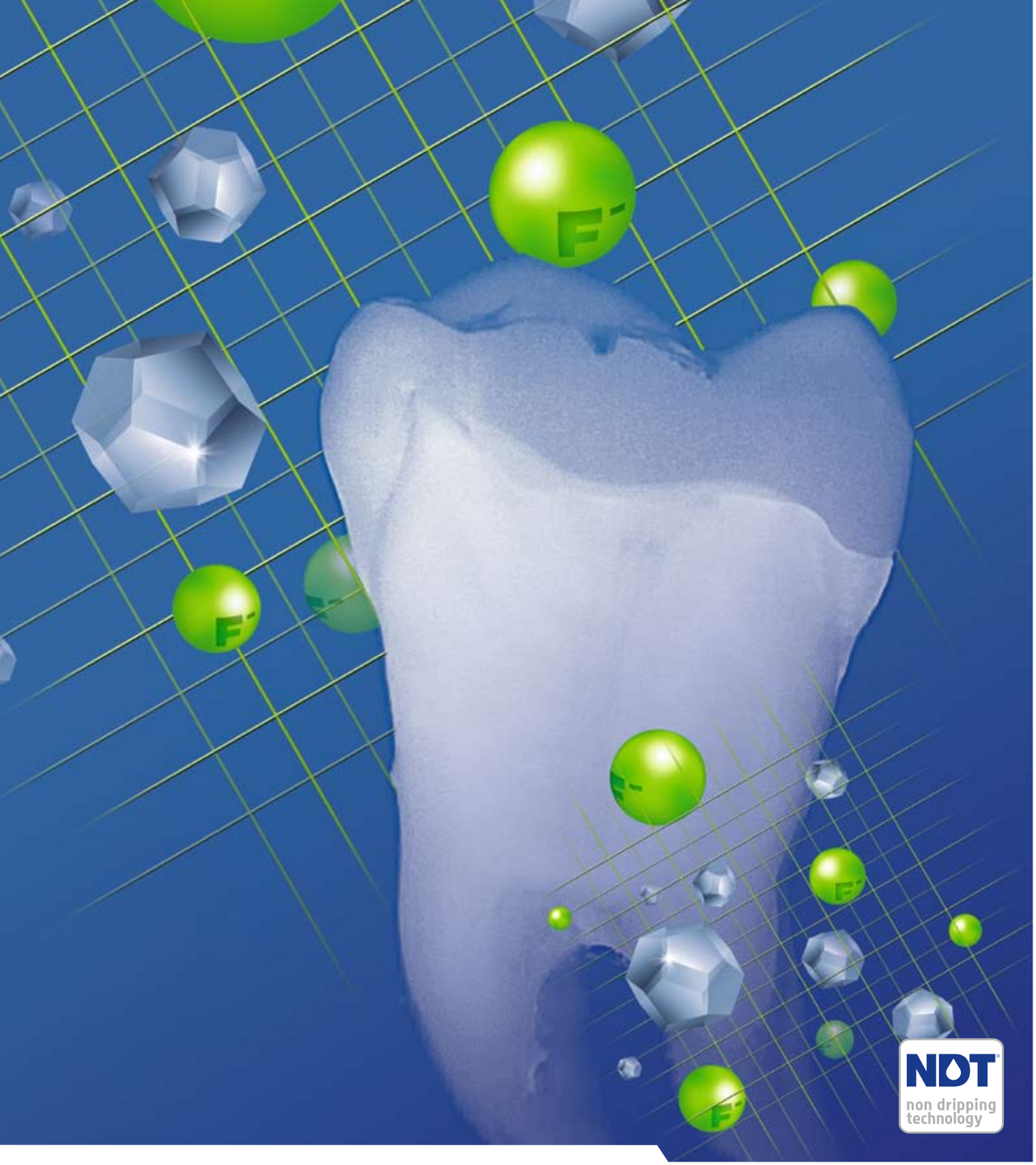


Ionoseal®

LIGHT-CURING GLASS IONOMER COMPOSITE CEMENT

VOCO
THE DENTALISTS

Ionoseal®

LONG-TIME EXPERIENCE – MILLIONFOLD APPROVED

Ionoseal is the ideal lining material for amalgam, ceramic or composite restoration. Ionoseal has been clinically proven for more than 15 years. Ionoseal is now presented with improved application and formula.

VOCO's new NDT®-syringe

With Ionoseal, running or dripping syringes and loss of expensive material are things of the past. Ionoseal now is delivered in the new NDT®-syringe. NDT® stands for Non-Dripping-Technology. This technology was used in the design of the plunger: after having applied pressure to it, it pulls itself back.This prevents any running or dripping of the syringe. The desired amount of Ionoseal can be dosed and placed precisely.

In addition, Ionoseal's formula has been improved. Proven properties of Ionoseal, e.g. high compressive and transverse strength, have been maintained while its viscosity was improved. This allows more precise application into prepared cavities and areas difficult to reach, and improved wetting of surfaces.

Indications

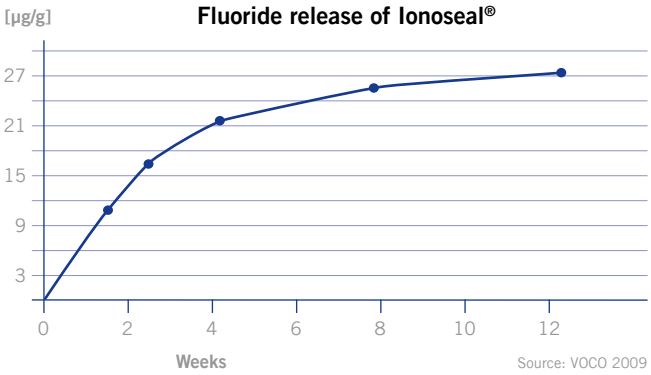
Lining under all restorative materials

Extended fissure sealing

Treatment of carious lesions

High biocompatibility

Millions of linings placed with Ionoseal over more than 15 years confirm its good biocompatibility. Biocompatibility tests according to various model systems have documented the excellent biocompatibility of Ionoseal in comparison to other materials. This effect is supported by simultaneously released fluoride.



Source: VOCO 2009

Prepared cavity

Source: Dr. Marcelo Balsamo

Direct application Ionoseal

Finished lining

Final restoration

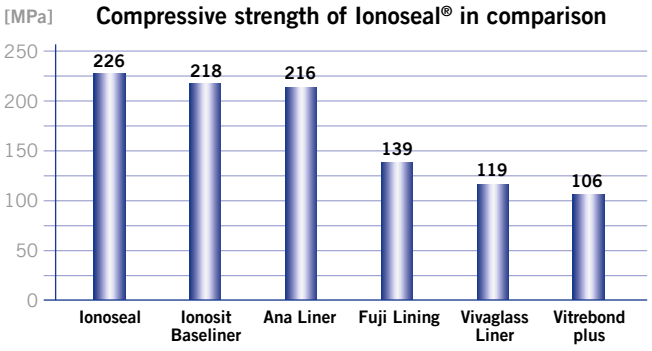
Ionoseal®

DURABLE LININGS FOR SAFETY

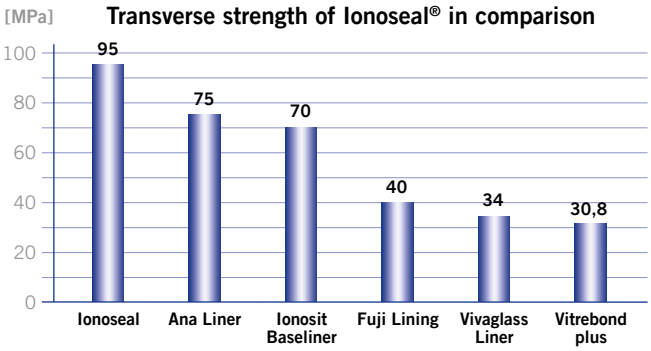
One-component material without mixing
Time-saving application
No mixing – Ionoseal in the direct application syringe saves time and material. No mixing errors, material residues on a mixing block or mixing-in of airbubbles can occur with Ionoseal. Ionoseal can be applied in cavities directly from the syringe. Special application cannulae allow economical application. Light-curing for 20 s makes lining time-saving.

High compressive strength and acid-resistance
Ionoseal has very good application and chemico-physical properties: compressive strength of 226 MPa and transverse strength of 95 MPa to place stable linings under composites, amalgam and cements even in shallow cavities. Ionoseal is absolutely acid-resistant. Ionoseal has a radiopacity of 200 %Al. This allows a clear distinction between lining and tooth substance, independent of the preparation of the cavity.

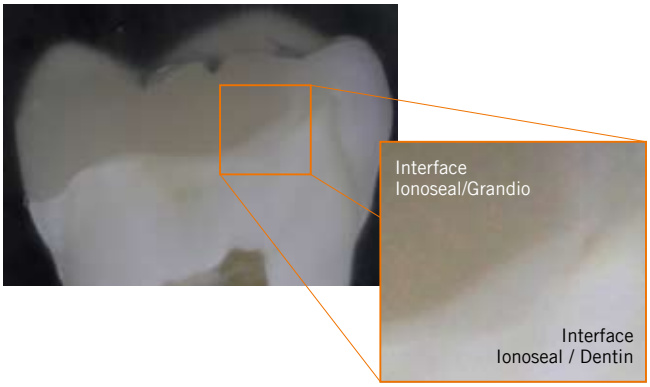
High compressive and transverse strength



Source: VOCO 2009



Source: VOCO 2009



High radiopacity of Ionoseal, shown on the 28

Gap-free link between hard dental tissue, Ionoseal and the restorative (Grandio) – cross-cut microscope picture

Ionoseal®

APPLICATION OF IONOSEAL® IN THE NDT®-SYRINGE

Indications

Lining under all restorative materials

Extended fissure sealing

Treatment of carious lesions

Advantages

- Ready-for-use one-component material
- Light-curing in seconds saves time
- Fast and hygienic application
- High compressive strength (226 MPa)
- Fluoride release against secondary caries
- High biocompatibility
- Radiopaque

Presentation

REF 1126 Tube 2 × 4 g

REF 1326 Syringe 3 × 2.5 g, application cannulae type 41

VOCO GmbH
Anton-Flettner-Straße 1-3
27472 Cuxhaven
Germany

Tel.: +49 (0) 4721-719-0
Fax: +49 (0) 4721-719-140

info@voco.com
www.voco.com

Available from: