



 Oxford Scientific

**Dental
products**

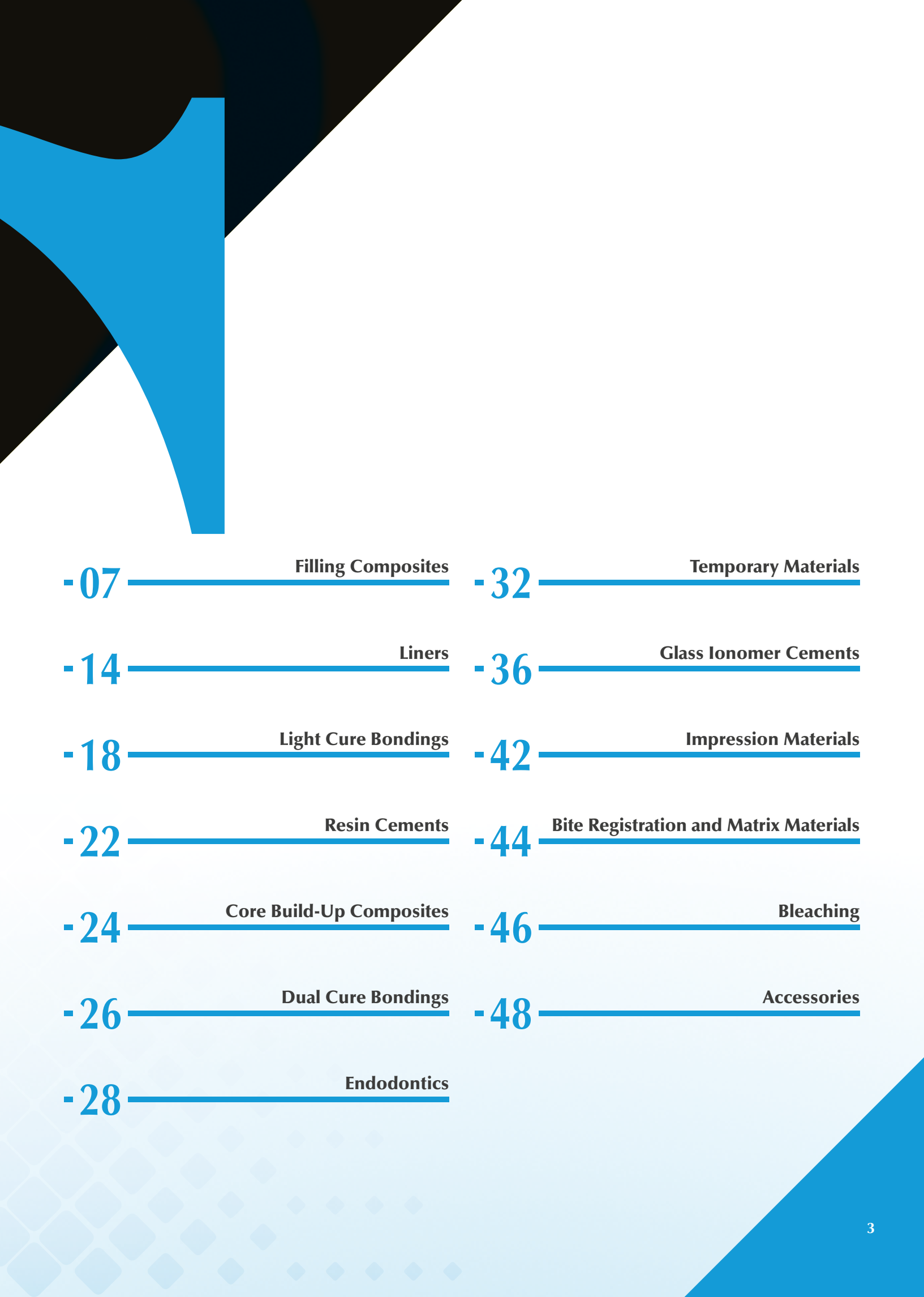
Made in Germany by First Scientific Dental Materials GmbH

2023



Contents

There are many more products available with a minimum order quantity of 50 units. For more information, please get in contact with the sales department.



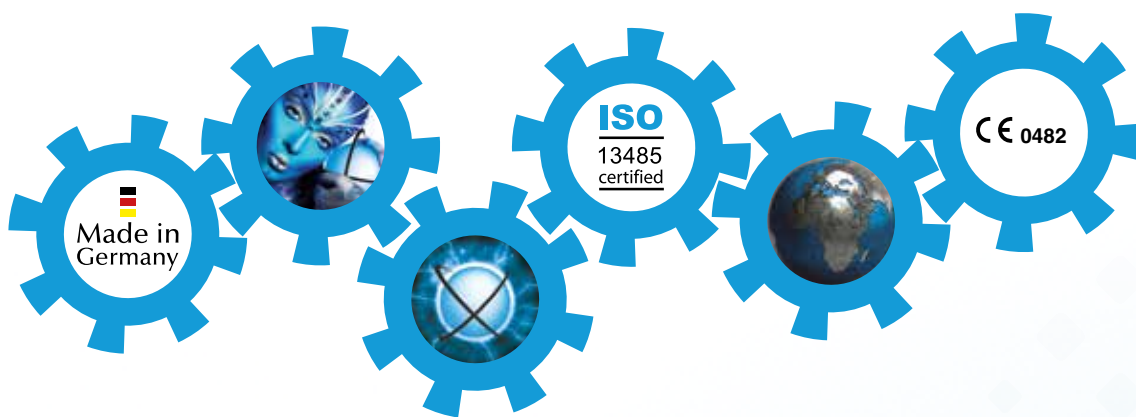
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Philosophy

Oxford Scientific products are first-class dental materials manufactured in Germany. They have been developed to meet the most stringent needs and requirements of the dental profession.

The passion for science & innovation

Our commitment is to develop high quality and pioneering dental products. We hope that our passion for science and innovation can be of benefit to you. Make your dental work easier and more exciting.





Filling Composites

There is a wide variety of shades available such as B1, B2, C2, Dentine, Bleach etc as well as different composite kits with a minimum order quantity of 50 syringes/50 kits. For more information, please get in contact with the sales department.

Moldable

-08 Oxford SperiChrome

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-11 Oxford Ceram P

Flowable

-12 Oxford SpheriChrome Flow

-13 Oxford Flow

-13 Oxford Flow SE

Filling Composites

Moldable

Oxford SpheriChrome

Multi-Shade Light Cure Restorative Composite

A special, hyper-nano, spherical filler technology allows the composite to appear to adopt the shade of the surrounding substance, without the use of pigments. The color adaptation could be described as an enhanced version of the chameleon effect. Therefore a single shade of composite can be used for a wide variety of restoration shades. This system eliminates the time and effort for color matching, as well as reduces and simplifies the storage. In cases of necessary color correction, or to block dark backgrounds such as the oral cavity, Oxford SpheriBlok or Oxford SpheriBlok Flow should be applied first.

Oxford SpheriChrome has a permanent high gloss comparable to classical microfiller composites, which is achieved just as easily. Additionally it has the strength and other mechanical properties of modern composites. The shrinkage is low and the consistency is similar to soft wax but non-sticky and very easy to mold.

- ◆ One composite for many shades
- ◆ No shade matching necessary
- ◆ Reduced storage
- ◆ Superior polishability
- ◆ Permanent high gloss
- ◆ Low shrinkage
- ◆ Non-sticky, easily moldable
- ◆ Soft consistency
- ◆ Aesthetics for anterior restorations
- ◆ Mechanical properties for posterior restorations



Oxford SpheriChrome, 4 g syringe

Part Number	Article
10-007	Shade Universal

Oxford SpheriChrome, 20 x 0,25 g Fill Tips

Part Number	Article
10-011	Shade Universal

Part Number	Article
05-001	Oxford Fill Tip Dispenser

Oxford SpheriBlok

Blocker for Oxford SpheriChrome, Light Cure Restorative Composite

This blocker should be used in combination with Oxford SpheriChrome or Oxford SpheriChrome Flow, in cases where dark areas should be masked, a color correction is necessary or the oral cavity has to be blocked off. It has the same strength and other mechanical properties, consistency and polishability, as well as permanent high gloss as Oxford SpheriChrome.

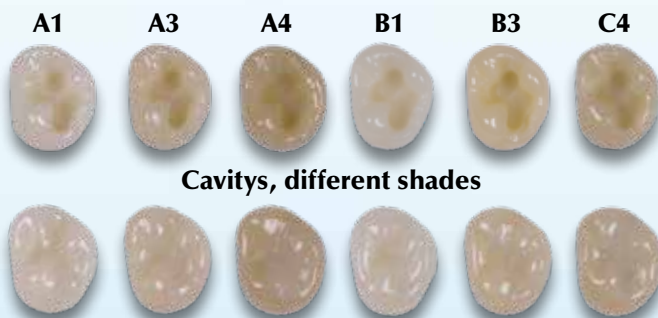
- ◆ In combination with Oxford SpheriChrome (Flow)
- ◆ Blocking of dark backgrounds (e.g. oral cavity)
- ◆ Color correction
- ◆ Superior easy polishability
- ◆ Permanent high gloss
- ◆ Low shrinkage
- ◆ Non-sticky, soft consistency
- ◆ Aesthetics for anterior restorations
- ◆ Mechanical properties for posterior restorations



Oxford SpheriBlok, 4 g syringe	
Part Number	Article
10-010	Shade Universal

Oxford SpheriBlok, 20 x 0,25 g Fill Tips	
Part Number	Article
10-012	Shade Universal

Part Number	Article
05-001	Oxford Fill Tip Dispenser



Cavities, different shades

Restored with Oxford SpheriChrome
out of the same syringe

One material thousand shades!

Shade adaptivity



Filling Composites

Moldable

Oxford Ceram NANO

Light Cure Nano-Filler Reinforced Restorative Composite

This composite, reinforced with nano-fillers, offers a combination of strong mechanical properties, great polishability and a lasting high gloss. The shrinkage is low and the consistency is firm, non-sticky, and very easy to mold. The combination of these properties makes this composite applicable for all kinds of restorations: from the heavy stress bearing molars to the highly aesthetic incisors.

- ◆ Great polishability
- ◆ Lasting high gloss
- ◆ Low shrinkage
- ◆ Non-sticky, easily moldable
- ◆ Firm consistency
- ◆ Aesthetics for anterior restorations
- ◆ Mechanical properties for posterior restorations



Oxford Ceram NANO, 4 g syringe	
Part Number	Article
10-002A1	Shade A1
10-002A2	Shade A2
10-002A3	Shade A3
10-002A35	Shade A3,5
10-002Den	Shade Dentine
10-002DenBL	Shade Dentine Bleach
10-002XBL	Shade Extra Bleach
10-002Inc	Shade Incisal

Oxford Ceram NANO, 20 x 0,3 g Fill Tips	
Part Number	Article
10-005A2	Shade A2
10-005A3	Shade A3
10-005A4	Shade A4
05-001	Oxford Fill Tip Dispenser

Oxford Ceram MICRO

Light Cure Microhybrid Restorative Composite

The “classical” all-rounder: this composite is universally usable for all kinds of restorations. The material has reliable mechanical properties, a good polishability, and an easy to mold, firm and non-sticky consistency. The benefits per cost ratio is very favorable.

- ◆ Good polishability
- ◆ Reliable mechanical properties
- ◆ Non-sticky, easily moldable
- ◆ Firm consistency
- ◆ Good benefits per cost ratio



Oxford Ceram MICRO, 4,5 g syringe	
Part Number	Article
10-001A1	Shade A1
10-001A2	Shade A2
10-001A3	Shade A3
10-001A35	Shade A3,5
10-001A4	Shade A4

Part Number	Article
10-001B2	Shade B2
10-001Bleach	Shade Bleach
10-001Den	Shade Dentine
10-001Inc	Shade Incisal

Oxford Ceram P

Light Cure Condensable Composite for Stress-Bearing Restorations

Strong and condensable describe this composite best. It has been specifically formulated for the heavy stress-bearing posterior restorations with heavily stressed contact points. The consistency is firm and condensable.

- ◆ Strong mechanical properties
- ◆ Heavy stress-bearing restorations
- ◆ Firm and condensable consistency



Oxford Ceram P, 4 g syringe	
Part Number	Article
10-003A2	Shade A2
10-003A3	Shade A3
10-003A35	Shade A3,5

Part Number	Article
10-001B2	Shade B2
10-001C2	Shade C2
10-001Bleach	Shade Bleach
10-001Den	Shade Dentine
10-001Inc	Shade Incisal

Filling Composites

Flowable

Oxford SpheriChrome Flow

Multi-Shade Light Cure Flowable Composite Restorative

Just like in the moldable Oxford SpheriChrome, a special, hyper-nano, spherical filler technology allows the composite to appear to adopt the shade of the surrounding substance, without the use of pigments. The color adaptation could be described as an enhanced version of the chameleon effect. Therefore a single shade of composite can be used for a wide variety of shades of restorations. This system eliminates the time and effort for color matching, as well as reduces and simplifies the storage. In cases of necessary color correction, or to block dark backgrounds such as the oral cavity, Oxford SpheriBlok or Oxford SpheriBlok Flow should be applied first. Oxford SpheriChrome Flow is especially suitable for small class I & II restorations and repairing small enamel defects but also applicable for extended pit and fissure sealing. The thixotropic consistency leads to a controlled placement, the polishability is very high and the high gloss is permanent.

- ◆ One composite for many shades
- ◆ No shade matching necessary
- ◆ Reduced storage
- ◆ Superior polishability
- ◆ Permanent high gloss
- ◆ High thixotropicity
- ◆ Easily controllable placement
- ◆ Small (class I & II) restorations
- ◆ Small enamel defects
- ◆ Extended pit and fissure sealing



Oxford SpheriChrome Flow	
Part Number	Article
11-004	2 x 1 ml syringe, 8 x Oxford Needle TIP 18
02-005	50 x Oxford Needle TIP 18

Oxford SpheriBlok Flow

Blocker for Oxford SpheriChrome Flow, Light Cure Restorative Composite

This blocker should be used in combination with Oxford SpheriChrome Flow or Oxford SpheriChrome, in cases where dark areas should be masked, a color correction is necessary or the oral cavity has to be blocked off. It has the same mechanical properties, thixotropic consistency and polishability, as well as permanent high gloss as Oxford SpheriChrome Flow.

- ◆ In combination with Oxford SpheriChrome (Flow)
- ◆ Blocking of dark backgrounds (e.g. oral cavity)
- ◆ Color correction
- ◆ Superior polishability
- ◆ Permanent high gloss
- ◆ High thixotropicity
- ◆ Easily controllable placement

Oxford SpheriBlok Flow	
Part Number	Article
11-005	2 x 1 ml syringe, 8 x Oxford Needle TIP 18
02-005	50 x Oxford Needle TIP 18

Oxford Flow

Light Cure Microhybrid Flowable Composite Restorative

The “classical” flowable composite, applicable for all kinds of small restorations and lining. The versatility, reliability and good polishability make this flowable composite universally usable.

- ◆ Universal
- ◆ Good polishability
- ◆ Small restorations of all classes
- ◆ Lining



Oxford Flow 2 ml / 3,4 g syringe, 3 x Oxford Needle TIP 20	
Part Number	Article
11-001A1	Shade A1
11-001A2	Shade A2
11-001A3	Shade A3
02-006	50 x Oxford Needle TIP 20

Oxford Flow SE

Light Cure Self Adhesive Flowable Composite Restorative

Etching, priming, bonding and filling are combined in this self adhesive flowable composite. It is most suitable for small, low-stress-bearing (class I) restorations, lining and pit and fissure sealing – with and without extension.

- ◆ Self adhesive
- ◆ Small restorations
- ◆ Lining
- ◆ Pit and fissure sealing
- ◆ Extended pit and fissure sealing



Oxford Flow SE 2 ml / 3,3 g syringe, 6 x Oxford Needle TIP 20, 3 x Oxford Applicator Blue	
Part Number	Article
13-001A2	Shade A2
13-001A3	Shade A3
02-006	50 x Oxford Needle TIP 20
03-004	50 x Oxford Applicator Blue

Liners

Oxford Iono VLC is also available in 5 x 2 ml syringes with a minimum order quantity of 50 pieces. For more information, please get in contact with the sales department.



-16 Oxford ActiceCal Line

-17 Oxford Iono VLC

-17 Oxford Cal VLC



Liners

Oxford ActiveCal Line

Bioactive, Light Cure, Resin-Reinforced MTA Protective Liner

This resin-reinforced MTA liner is bioactive: it releases high amounts of hydroxyl and calcium ions. When coming into contact with phosphate from the surrounding tissues, these ions can mineralize and are known to commonly form hydroxyapatite. The mineralization forms a protective layer for the pulp as it strengthens the dentin to withstand acid attacks from bacteria. Hydroxyl ions create a high alkalinity, which is known to be hostile to bacteria. All of the properties are pulp protective.

The light curing and presentation in a single syringe enables a fast procession with the next step in the restoration, as neither mixing nor waiting for long setting times are necessary as might be necessary with pure MTA. On top of that, the material has optimized mechanical properties to build a strong foundation for the subsequent restoration. It is the perfect combination of the bioactivity from the MTA and the mechanical strength, as well as control in placement and curing known from composite lining. It is most suitable for lining and indirect pulp capping.

Before application of Oxford ActiveCal Line, it is necessary to apply a dentin adhesive for the immediate strong bond between product and dentin. The adhesive layer does not form a barrier for the ion release. The bioactivity will not be compromised by an adhesive.

- ◆ MTA based
- ◆ Bioactive
- ◆ High calcium release
- ◆ High alkalinity
- ◆ Optimized mechanical properties
- ◆ Controlled placement
- ◆ Light cure
- ◆ Lining
- ◆ Indirect pulp capping



**Protect
the
Pulp!**

Oxford ActiveCal Line	
Part Number	Article
23-008	2 x 1 g syringes, 10 x Oxford Needle TIP 22
02-009	50 x Oxford Needle TIP 22

Oxford Iono VLC

Light Cure Glass Ionomer based Liner

This liner contains glass ionomer fillers. Glass ionomers are known for their fluoride release. Fluoride is commonly used for caries prophylactic purposes, as it turns dentin less susceptible against dissolution by acids from bacteria.

- ◆ Glass ionomer based
- ◆ Fluoride release
- ◆ Optimized mechanical properties
- ◆ Light cure
- ◆ Lining



Oxford Iono VLC	
Part Number	Article
23-003	2 x 2 ml / 3,3 g syringes, 6 x Oxford Needle TIP 20
02-006	50 x Oxford Needle TIP 20

Oxford Cal VLC

Light Cure Calcium Hydroxide Liner

The "classic" resin-modified calcium hydroxide liner: alkaline and releases some calcium. It is usable for indirect pulp capping and lining. The resin-modification enables light curing, which controls the curing time and also stops the material from dissolving over time (as pure calcium hydroxide is known to do).

- ◆ Calcium hydroxide based
- ◆ Alkaline
- ◆ Light cure
- ◆ Indirect pulp capping
- ◆ Lining



Oxford Iono VLC	
Part Number	Article
23-001	2 x 2 ml / 3 g syringes, 6 x Oxford Needle TIP 18
02-005	50 x Oxford Needle TIP 18



Light Cure Bonding

Reduce the amount of necessary products in your dental office by using our brand new Oxford universal bond. For more information, please get in contact with the sales department.



-20 Oxford Bond TE Mono

-20 Oxford Etch

-21 Oxford Universal Bond

-21 Oxford Bond SE Mono



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Light Cure Bondings

Oxford Bond TE Mono

Light Cure Single Bottle Total Etch Adhesive

Primer and adhesive are combined into a single bottle, one step adhesive to use after etching for the total etch technique. A short and simple adhesion process.

- ◆ Total etch
- ◆ One bottle
- ◆ Time saving



Oxford Bond TE Mono	
Part Number	Article
20-001	5 ml bottle

Oxford Etch

Etching Gel

This 37% phosphoric acid etching gel has optimal thixotropicity and great wetting behavior for a very controlled and even application. It is suitable for both, total and selective etching.

- ◆ 37% phosphoric acid
- ◆ Optimal thixotropicity
- ◆ Great wetting behavior
- ◆ Controlled and even application



Oxford Etch	
Part Number	Article
29-006	3 ml / 3,9 g syringe, 3 x Oxford Needle TIP 25 Blue
02-007	50 x Oxford Needle TIP 25 Blue

Oxford Universal Bond

Light Cure Single Bottle Universal Adhesive

The most versatile adhesive, suitable for all kinds of bonding techniques: on wet and dry dentin, self, selective and total etch. On top of that, it is also usable as a primer for metal oxides, such as non-precious metals and zirconia dioxide. This reduces the amount of necessary materials for indirect restorations, especially since this bonding agent can not only be used for light cure composites, but dual cure composites as well, as long as the adhesive can be fully light cured before application of the dual cure composite.

- ◆ On wet dentin
- ◆ On dry dentin
- ◆ Self etch
- ◆ Selective etch
- ◆ Total etch
- ◆ One bottle
- ◆ Primer for metal oxides
- ◆ Time saving



Oxford Universal Bond	
Part Number	Article
21-005	5 ml bottle

Oxford Bond SE Mono

Light Cure Single Bottle Self Etch Adhesive

Etching, priming and bonding are combined into a step, achieved with this single bottle adhesive for the self etch technique. The shortest and easiest bonding process there is.

- ◆ Self etch
- ◆ One bottle
- ◆ Time saving



Oxford Bond SE Mono	
Part Number	Article
21-001	5 ml bottle



R Resin Cements

Dual Cure

Oxford CEM SE is also available in transparent shade.
All products in this category need a minimum order quantity
of 50 pieces. For more information, please get in contact with
the sales department.

Oxford Cem SE

Dual Cure Self Adhesive Luting Cement

An aesthetic and convenient, multi-purpose, reliable dual cure luting cement with great color stability for luting of crowns, bridges, inlays, onlays and posts is what describes this product best. Due to the self adhesive character, no conditioning and/or adhesion agent is necessary to achieve a bond to the hard tooth tissue, saving time and simplifying the procedure. Dual cure secures indirect restorations (e.g. crowns, inlays ...) and posts in the desired position before the self cure is completed and enables a fast primary stability to start to move on to the subsequent treatment steps.

- ◆ Aesthetic
- ◆ Great color stability
- ◆ Convenient
- ◆ Indirect restoration cementation
- ◆ Post cementation
- ◆ Self adhesive
- ◆ Dual cure



Oxford Cem SE	
Part Number	Article
13-002A2	5 ml / 8 g Minimix 4:1, 5 x Oxford Mix TIP(O) for Minimix 4:1 / 10:1, 10 x Oxford Mix TIP(S) for Minimix 4:1 / 10:1, Long, 5 x Oxford Endo TIP for Minimix, Shade A2
01-002	50 x Oxford Mix TIP(O) for Minimix 4:1 / 10:1
01-009	50 x Oxford Mix TIP(S) for Minimix 4:1 / 10:1, Long
02-001	100 x Oxford Endo TIP for Minimix
02-002	100 x Oxford Intra Oral TIP for Mix TIPs Minimix

Oxford Flo Cem

Dual Cure Flowable Composite Luting Cement

This flowable composite cement is suitable for luting of crowns, bridges, inlays and onlays. It is reliable, multi-purpose, dual cure and aesthetic. Due to the dual cure setting, the indirect restorations (e.g. crowns, inlays ...) can be secured in the desired position before the self cure is completed to shorten the time necessary to wait before starting to move on to the subsequent treatment steps. For adhesion to the hard tooth tissue the application of a dual cure bonding agent is necessary.

- ◆ Aesthetic
- ◆ Indirect restoration cementation
- ◆ Dual cure



Oxford Flo Cem	
Part Number	Article
12-005A3	5 ml / 9 g Minimix 1:1, 5 x Oxford Mix TIP(S) for Minimix 1:1, Black, Shade A3
01-008B	50 x Oxford Mix TIP(S) for Minimix 1:1, Black



Core Build-Up Composites

Dual Cure

Oxford Zircore NANO differs from other products by the substantial nano zirconia content. All products in this category need a minimum order quantity of 50 pieces. For more information, please get in contact with the sales department.

Oxford Zircore NANO

Dual Cure Core Build-Up and Post Cementation Composite with nano zirconia

The most common feedback for this product is how amazing it is in the similarity to dentin when cut by burs during preparation. But that is not the only reason dentists stick to this product: the material is reinforced by nano zirconia, contains nano silica and nano calcium fluoride, leading to very strong mechanical properties, excellent radiopacity and fluoride release. On top of that, it has a high versatility in indications: core build-up, post cementation and cementation of indirect restorations (crowns, bridges, inlays and onlays) as well. The optimized consistency with high thixotropicity enables the material to be easily stacked for core build-up, but also all flow very well when moved for cementation. Dual cure secures posts and indirect restorations in the desired position through light cure before the self cure is completed and enables through this fast primary stability an early start to move on to the subsequent treatment steps, but areas where light can not reach still polymerize through self cure.

- ◆ Cuts like dentin!
- ◆ Nano zirconia reinforced
- ◆ Strong mechanical properties
- ◆ High thixotropicity: easy to stack but flowable
- ◆ Dual cure
- ◆ Core build-up
- ◆ Post cementation
- ◆ Indirect restoration cementation



Oxford Zircore NANO	
Part Number	Article
12-001A2	5 ml / 9 g Minimix 1:1, 5 x Oxford Mix TIP(O) for Minimix 1:1, 5 x Oxford Endo TIP for Minimix, Shade A2
12-014A3	25 ml / 44 g Automix 1:1, 10 x Oxford Mix TIP(O) Yellow for Automix 1:1, 10 x Oxford Intra Oral TIP Yellow, Shade A3
01-001	50 x Oxford Mix TIP(O) for Minimix 1:1
02-001	100 x Oxford Endo TIP for Minimix
02-002	100 x Oxford Intra Oral TIP for Mix TIPs Minimix
01-003	50 x Oxford Mix TIP(O) Yellow, Automix 50 ml 1:1
02-003	100 x Oxford Intra Oral TIP Yellow

Oxford Flo CORE


Dual Cure Core Build-Up and Post Cementation Composite

A versatile multi-purpose dual cure composite, suitable for core build-up, post cementation and cementation of indirect restorations (crowns, bridges, inlays and onlays). The high thixotropicity in the optimized consistency makes the material easily stackable for core build-up, but also flowable when moved for cementation. Dual cure enables a fast primary stability to start faster to move on to the subsequent treatment steps as it secures posts and indirect restorations in the desired position by light cure before the self cure is completed in areas where light can not reach the material.

- ◆ Strong mechanical properties
- ◆ High thixotropicity: easy to stack but flowable
- ◆ Dual cure
- ◆ Core build-up
- ◆ Post cementation
- ◆ Indirect restoration cementation



Oxford Flo CORE	
Part Number	Article
12-003A2	5 ml / 9 g Minimix 1:1, 5 x Oxford Mix TIP(O) for Minimix 1:1, 5 x Oxford Endo TIP for Minimix 1:1, Shade A2
01-001	50 x Oxford Mix TIP(O) for Minimix 1:1
02-001	100 x Oxford Endo TIP for Minimix
02-002	100 x Oxford Intra Oral TIP for Mix TIPs Minimix

A large, stylized graphic of the letters 'DB' in a vibrant blue color. The letters are set against a dark background filled with colorful bokeh light spots in shades of blue, green, yellow, and red. The 'D' is on the left and the 'B' is on the right, with the 'B' partially overlapping the 'D'. The bottom right corner of the page features a light blue diamond-shaped grid pattern.

Dual Cure Bonding

All products in this category need a minimum order quantity of 50 pieces. Also available as total etching adhesive. For more information, please get in contact with the sales department.

Oxford Bond SE Dual

Dual Cure Self Etching Adhesive

A multi-purpose and reliable self etch adhesive for all kinds of composites – light, self, and dual cure – incl. for core build-up and luting, compomers and resin modified glass ionomer cements to be strongly bonded to hard tooth tissue, even in areas light can not reach. The amount of products it can be combined with, and areas it can be applied to, with or without the possibility to light cure, make this a truly versatile adhesive.

- ◆ Self etch
- ◆ Versatile
- ◆ Bonding of light, self, and dual cure Composites
- ◆ Bonding of Compomers
- ◆ Bonding of Resin modified glass ionomer cements
- ◆ Dual cure

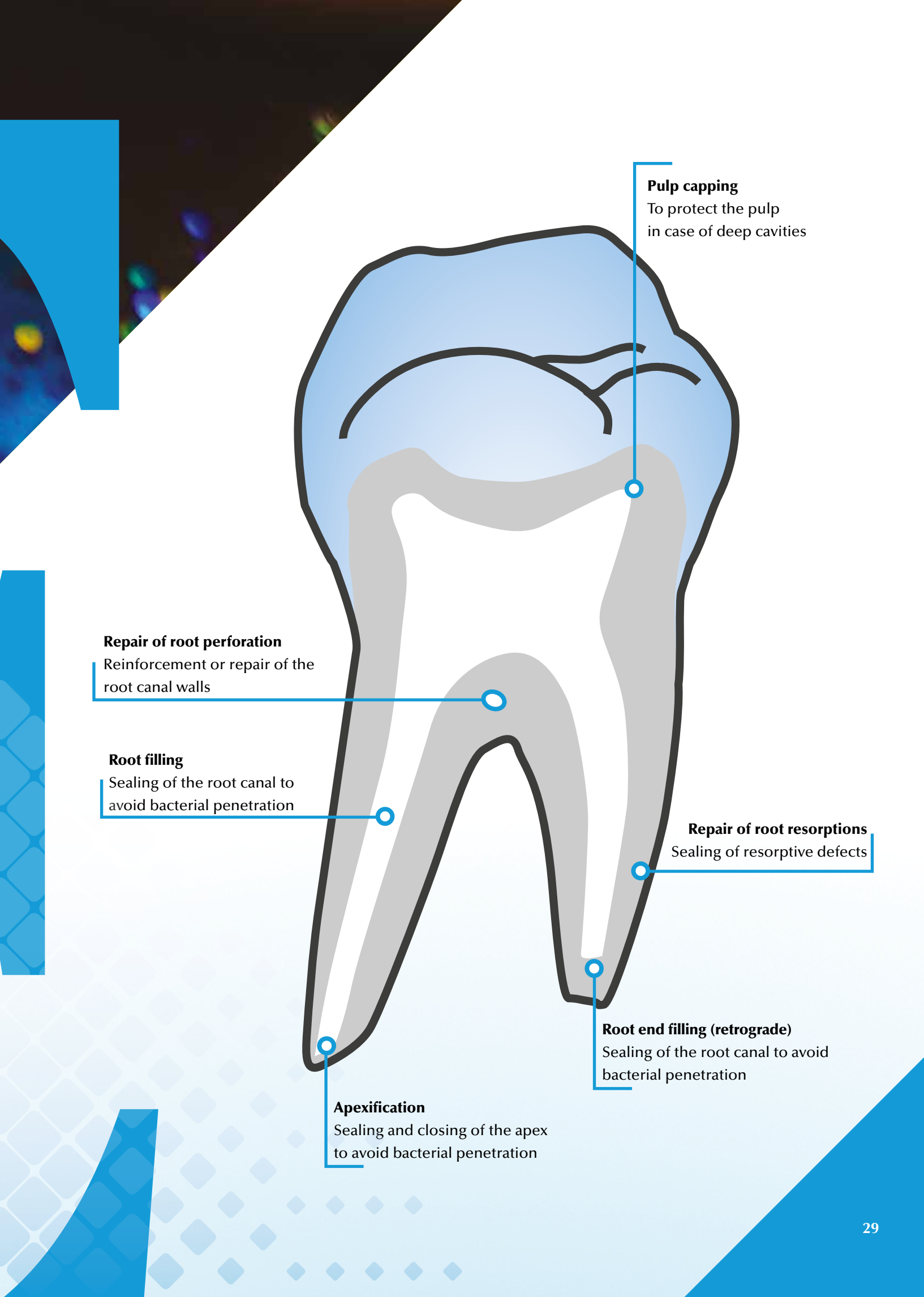


Special for
Dual Cure
Composites

Oxford Bond SE Dual	
Part Number	Article
21-002	2 x 5 ml bottle, 50 x Microbrush® blue, 5 x mixing well
03-006	50 x Oxford Microbrush® blue
03-007	50 x Oxford Microbrush® green

Endodontics

Oxford MTA is also available in capsules. A minimum order quantity is required for Oxford Root Fill as well as for Oxford MTA in capsules.



Pulp capping

To protect the pulp in case of deep cavities

Repair of root perforation

Reinforcement or repair of the root canal walls

Root filling

Sealing of the root canal to avoid bacterial penetration

Repair of root resorptions

Sealing of resorptive defects

Root end filling (retrograde)

Sealing of the root canal to avoid bacterial penetration

Apexification

Sealing and closing of the apex to avoid bacterial penetration

E Endodontics

Oxford ActiveCal PC

Bioactive, Light Cure, Resin-Reinforced MTA Pulp Capping Material

To this day, research has shown that for the survival of the pulp, MTA seems to be the best material to be used in direct contact with living pulpal tissues. MTA is highly biocompatible and bioactive: it releases very high amounts of hydroxyl and calcium ions. When these come into contact with phosphate from the surrounding tissues, these ions can mineralize and are known to commonly form hydroxyapatite. The hydroxyl ions create a high alkalinity, which is known to be hostile to bacteria.

Pure MTA is a powder-liquid system. It needs to be mixed first and then needs some time to fully set. This bioactive resin-reinforced MTA pulp capping material is the best solution to these issues. The MTA causes the high bioactivity for efficient and reliable pulp capping and creating a highly alkaline environment, known to be hostile to bacteria. The resin modification enables light curing and the presentation in a single syringe for a fast procession with the next step in the restoration, as neither mixing nor waiting for long setting times are necessary. Also the application with the Needle Tip is very neat and precise. This material is especially suitable for direct pulp capping, but also for indirect pulp capping.

- ◆ MTA based
- ◆ Bioactive
- ◆ High calcium release
- ◆ High alkalinity
- ◆ Controlled placement
- ◆ Light cure
- ◆ Direct pulp capping
- ◆ Indirect pulp capping



Oxford ActiveCal PC	
Part Number	Article
23-010	2 x 0,75 ml / 1 g syringe, 24 x Oxford Needle TIP 22
02-009	50 x Oxford Needle TIP 22

Oxford MTA

Mineral-Trioxide-Aggregate Endodontic Cement

This universal Mineral-Trioxide-Aggregate (=MTA) is very easy to mix, and has a wide variety of indications: Endodontic repairs, retrograde root-end filling, apexification (=orthograde root-end filling) and pulp capping. It is a powder-liquid system which forms a gel after mixing and hardens to an impermeable barrier over time. As described in Oxford ActiveCal PC, MTA stimulates the formation of tertiary dentin, is highly biocompatible and bioactive. For the survival of the pulp, it seems to be the best material to be used in direct contact with living pulpal tissues. MTA is a material that saves a lot of teeth that formerly had to be extracted.

- ◆ Pure MTA
- ◆ Bioactive
- ◆ Easy to mix
- ◆ Endodontic repairs
- ◆ Retrograde root end filling
- ◆ Apexification
- ◆ Direct pulp capping
- ◆ Indirect pulp capping



Oxford MTA	
Part Number	Article
40-001	Oxford MTA Capsules: pack of 2 capsules ea. 0,3 g
40-002	Oxford MTA HandMix: 1g powder / 3 ml liquid, dosage spoon, mixing pad
05-002	Oxford Capsule Applier

Oxford Root Fill

Root Sealer and Filling Material

This material can either be used as a sealer with a gutta-percha master point, or to completely fill the root canal by itself. The seal in both versions of application is tight to prevent bacterial penetration.

- ◆ Root sealing
- ◆ Root filling
- ◆ Tight seal against bacterial penetration



Oxford Root FILL	
Part Number	Article
12-007	5 ml / 7,8 g Minimix 4 : 1, 5 x Oxford Mix TIP(O), 5 x Oxford Endo TIP
01-002	50 x Oxford Mix TIP(O) for Minimix 4:1 / 10:1
02-001	100 x Oxford Endo TIP for Minimix



Temporary Materials

For esthetic purposes, we also offer Oxford Temp CEM Flexi-Trans in translucent shade to match the shade of your temporary restoration, as well as Oxford Temp A1, with a minimum order quantity of 50 pieces. For more information, please get in contact with the sales department.



-34 Oxford Temp CEM Universal

-35 Oxford Cem IMPLANT

-35 Oxford Temp



Temporary Materials

Oxford Temp CEM Universal

Eugenol Free Temporary Zinc Oxide Cement

This temporary cement displays the perfect balance between easy removeability and good retention for the time the temporary crowns and bridges have to withstand mastication and similar challenges. Simple and clean excess removal after setting. When removed, the cement remains fully in the temporary crown, no residues are left on the tooth. This leads to very easy, fast and neat removal of the temporary without the need of additional cleaning of the preparation.

- ◆ Good retention
- ◆ Cement remains in the crown after removal
- ◆ No cleaning of the preparation after removal
- ◆ Easy excess removal



Oxford Temp CEM Universal	
Part Number	Article
32-002	5 ml / 9 g Minimix 1:1, 10 x Oxford Mix TIP(S) for Minimix 1:1, Transparent
01-008T	50 x Oxford Mix TIP(S) for Minimix 1:1, Transparent

Oxford Cem IMPLANT

Semi-Permanent Cement for Luting of Crowns and Bridges on Implants

The perfect material to cement crowns and bridges on implants: more stable and reliable in retention over a long period of time than temporary cements, but also removable without damage to the superstructure and implant system for access to the abutment, implant and fixation screw. Such removal is commonly necessary in such cases as a change in superstructure, loosened screws or peri implantitis treatment. In case of removal, the cement is easily cleaned up for recementation of the superstructure. Dual Cure for fast primary stability.

- ◆ Good retention
- ◆ Removal without damage to implant system or superstructure
- ◆ Optimized for use on implant systems
- ◆ Semi-permanent
- ◆ Dual cure



Less stress for implants, less stress for patients!

Oxford Cem IMPLANT	
Part Number	Article
12-008	5 ml / 8 g Minimix 4:1, 10 x Oxford Mix TIP(S) for Minimix 4:1 / 10:1, Long
01-009	50 x Oxford Mix TIP(S) for Minimix 4:1 / 10:1, Long

Oxford Temp

Temporary Crown and Bridge Material

This material enables a fast, easy and convenient chairside creation of high quality temporary crowns and bridges, no laboratory necessary. Benefits such as good aesthetics, strong mechanical properties for stable and reliable temporary crowns and bridges and a low polymerization heat for patient comfort make this product an excellent choice.

- ◆ Good aesthetics
- ◆ Strong mechanical properties
- ◆ Stable and reliable
- ◆ Fast chairside fabrication
- ◆ Low polymerization heat



Oxford Temp 50 ml / 76 g Automix 10:1, 10 x Oxford Mix TIP(S)for Automix 4:1 / 10:1	
Part Number	Article
30-001A2	Shade A2
30-001A3	Shade A3
01-006	50 x Oxford Mix TIP(S) for Automix 50 ml 10:1 / 4:1
05-003	Oxford Automix Dispenser 10:1 / 4:1, 50 ml

Glass Ionomer Cements

A minimum order quantity of 50 pieces is needed for all products except for Oxford GI Fill and Oxford GI CEM. We also offer other glass ionomer cements for filling and luting. For more information, please get in contact with the sales department.

For Filling

-38 Oxford GI FILL E

-39 Oxford GI FILL

For Luting

-40 Oxford GI CEM E

-41 Oxford GI CEM

-41 Oxford Resin CEM UF



Glass Ionomer Cements for Filling

Oxford GI FILL E

Aesthetic Glass Ionomer Cement for Filling

This aesthetic version of a conventional glass ionomer cement for restorations is very color stable and similar to teeth in opacity. Conventional glass ionomer cements are known for their biocompatibility, fluoride release and natural chemical bond to hard tooth tissues.

- ◆ Good aesthetics
- ◆ Color stable
- ◆ Similar to teeth in opacity
- ◆ Fluoride release
- ◆ Biocompatible
- ◆ Chemical bond to teeth



High
esthetic
fillings!

Oxford GI FILL E	
Part Number	Article
51-005A3	15 g powder / 8 ml liquid, dosage spoon, mixing block, Shade A3

Oxford GI FILL

Classical Glass Ionomer Cement for Filling

The “classic” conventional glass ionomer cement for restorations: known for their biocompatibility, fluoride release and natural chemical bond to hard tooth tissues. This material has improved physical properties and offers an excellent ratio of price to quality.

- ◆ Improved physical properties
- ◆ Fluoride release
- ◆ Biocompatible
- ◆ Chemical bond to teeth
- ◆ Excellent ratio of price to quality



Oxford GI FILL	
Part Number	Article
51-002A2	15 g powder / 8 ml liquid, dosage spoon, Shade A2



Glass Ionomer Cements for Luting

Oxford GI CEM E

Aesthetic Glass Ionomer Cement for Luting

The improved aesthetics of this conventional glass ionomer cement for luting enable great results for highly aesthetic crowns and bridges. Of course the well known advantages of conventional glass ionomer cements, such as great biocompatibility, fluoride release and natural chemical bond to hard tooth tissues apply to this material, but so do good physical properties for secure luting.

- ◆ Good aesthetics
- ◆ Fluoride release
- ◆ Biocompatible
- ◆ Chemical bond to teeth
- ◆ Secure luting



High
esthetic
cemen-
tations!

Oxford GI CEM E	
Part Number	Article
51-003	15 g powder / 10 ml liquid, dosage spoon, mixing block
51-004	50 x Capsules e.a. 0,4 g
05-002	Oxford Capsule Applier

Oxford GI CEM

Classical Glass Ionomer Cement for Luting

The “classic” conventional glass ionomer cement for luting: known for their biocompatibility, fluoride release and natural chemical bond to hard tooth tissues. This material has improved physical properties for secure luting and offers an excellent ratio of price to quality.

- ◆ Fluoride release
- ◆ Biocompatible
- ◆ Chemical bond to teeth
- ◆ Secure luting
- ◆ Excellent ratio of price to quality



Oxford GI CEM	
Part Number	Article
51-001	35 g powder / 20 ml liquid, dosage spoon, mixing block

Oxford GI Resin CEM UF

Glass Ionomer Cement for Luting with Optional Light Cure

Resin modified glass ionomer cement for luting provides excellent hold of the crown or bridge, releases fluoride and has a natural chemical bond to hard tooth tissues – but can also be combined with an adhesive for an even stronger bond. The great physical properties for secure luting and a high translucency for superior aesthetics (e.g. for crowns on incisors) make this material a great choice. The option of light cure enables the fast achievement of a primary stability for more security and faster proceedings with the next steps.

- ◆ Good aesthetics
- ◆ Fluoride release
- ◆ Chemical bond to teeth
- ◆ Secure luting
- ◆ Optional light cure



Oxford GI Resin CEM UF	
Part Number	Article
51-010	15 g powder / 10 ml liquid, dosage spoon, mixing block



Impression

Materials

The heavy viscosity (Oxford Print heavy) is also available with a minimum order quantity of 50 pieces. Furthermore, the tray impression material (380 ml-Maximix) may be available at customer's request. For more information, please get in contact with the sales department.

Oxford Print

High Precision Impressions in a Short Time

Oxford Print offers the complete range of modern vinyl silicone impression materials, with high hydrophilicity and great dimension stability. The excellent detail reproduction leads to very precise models for a great fit of the final restoration. The different viscosities – putty, heavy, medium, light and mono – allow all the different techniques, from putty wash to sandwich and mono phase. The material flows well for accurate impressions without voids or distortion and the working time long enough, but the setting time in mouth is optimized for comfort of both – patient and dentist.

- ◆ High precision
- ◆ High hydrophilicity
- ◆ Great dimension stability
- ◆ Excellent detail reproduction
- ◆ All techniques
- ◆ All viscosities



Oxford Print	
Part Number	Article
70-001	Oxford Print LIGHT: 2 x 50 ml / 62 g Automix 1:1 12 x Oxford MixTIP(O) yellow for Automix 50 ml 1:1
01-003	50 x Oxford Mix TIP(O) yellow for Automix 50 ml 1:1
02-003	100 x Oxford Intra Oral TIP Yellow
71-002	Oxford Print MEDIUM: 2 x 50 ml / 67 g Automix 1:1 12 x Oxford Mix TIP(O) yellow for Automix 50 ml 1:1
01-003	50 x Oxford Mix TIP(O) yellow for Automix 50 ml 1:1
73-003	Oxford Print PUTTY (HANDMIX): 2 x 600 g Jars Handmix 2 x Spoons
73-005	Oxford Print PUTTY (HANDMIX): 2 x 400 g Jars Handmix 2 x Spoons
74-001	Oxford Print MONO: 2 x 50 ml / 70 g Automix 1:1 8 x Oxford Mix TIP(O) pink for Automix 50 ml 1:1
01-004	50 x Oxford Mix TIP(O) pink for Automix 50 ml 1:1
05-004	Oxford Automix Dispenser 2:1 / 1:1, 50 ml



Bite Registration & BAM Matrix

Materials

At customer's request, we also offer a 4 x 50 ml packaging for Oxford Bite as well as for Oxford Trans with a minimum order quantity of 50 pieces. For more information, please get in contact with the sales department.

Oxford Bite

Bite Registration Material based on Silicone

The high stability and hardness for a very accurate bite registration, form the perfect mix with the great and unusual attribute of this material being very easy to cut after setting, as well as flexible and fracture resistant enough not to break easily. It is very easy to apply directly from the cartridge – no mixing necessary and has a very short setting time for high convenience.

- ◆ High hardness and accuracy
- ◆ Great dimension stability
- ◆ Very easy to cut after setting
- ◆ Great fracture resistance
- ◆ Convenient application
- ◆ Very short setting time



Oxford Bite	
Part Number	Article
75-001	2 x 50 ml / 76 g Automix 1:1, 12 x Oxford Mix TIP(O) green
01-007	50 x Oxford Mix TIP(O) green for Automix 50 ml 1:1
05-004	Oxford Automix Dispenser 2:1 / 1:1, 50 ml

Oxford Trans

Transparent Matrix and Bite Registration Material based on Silicone

The combination of transparency and high precision makes this material a perfect matrix material with the possibility to light cure composites or dual cure materials through the matrix. It is especially useful for the creation of direct veneers. In case of bite registrations it enables visual control of the occlusion. Short setting time for fast proceedings with the next steps.

- ◆ Transparent
- ◆ Possibility to light cure through the material
- ◆ Visual control of the occlusion
- ◆ Great dimension stability
- ◆ Convenient application
- ◆ Short setting time



Oxford Trans	
Part Number	Article
75-003	2 x 50 ml Automix 1:1, 12 x Oxford Mix TIP(O) green
01-007	50 x Oxford Mix TIP(O) green for Automix 50 ml 1:1
05-004	Oxford Automix Dispenser 2:1 / 1:1, 50 ml

A large, stylized blue graphic consisting of the letters 'B' and 'R' in a serif font. The letter 'B' is on the left and 'R' is on the right. The word 'Bleaching' is written in white, sans-serif font inside the lower loop of the 'R'. The background of the graphic is a dark blue field with many small, colorful, out-of-focus light spots (bokeh effect) in shades of green, yellow, and red. A thin blue diagonal line crosses the 'B' and 'R' from the top-left to the bottom-right.

BR Bleaching

Materials

A minimum order quantity of 50 pieces is needed for Oxford Bleach. Furthermore, at customer's request, we may offer a kit containing both bleaching components with a minimum order quantity of 50 kits. For more information, please get in contact with the sales department.

Oxford Double BLEACH

In Office Bleaching Gel with 27% Hydrogen Peroxide

This highly efficient bleaching gel contains 27% hydrogen peroxide, and provides amazing results for in office bleaching procedures. The gel is easy to apply precisely.

- ◆ 27% hydrogen peroxide
- ◆ Efficient bleaching
- ◆ Easy to use



Oxford Double BLEACH	
Part Number	Article
45-003	8 ml Minimix 10:1, 6 x Oxford Mix TIP(S) for Minimix 10:1, Short
01-010	50 x Oxford Mix TIP(S) for Minimix 4:1 / 10:1, Short

Oxford Dam

Gingiva Protection for Bleaching Procedures

The gingiva should be well protected during bleaching procedures. This blue, light cure, flowable composite has been specifically developed for that purpose. It is easy to apply precisely and the color facilitates the optical control.

- ◆ Gingiva protection
- ◆ Blue
- ◆ Light cure
- ◆ Precise application



Oxford Double BLEACH	
Part Number	Article
45-001	2 ml syringe, 10 x Oxford Needle TIP 18
02-005	50 x Oxford Needle TIP 18



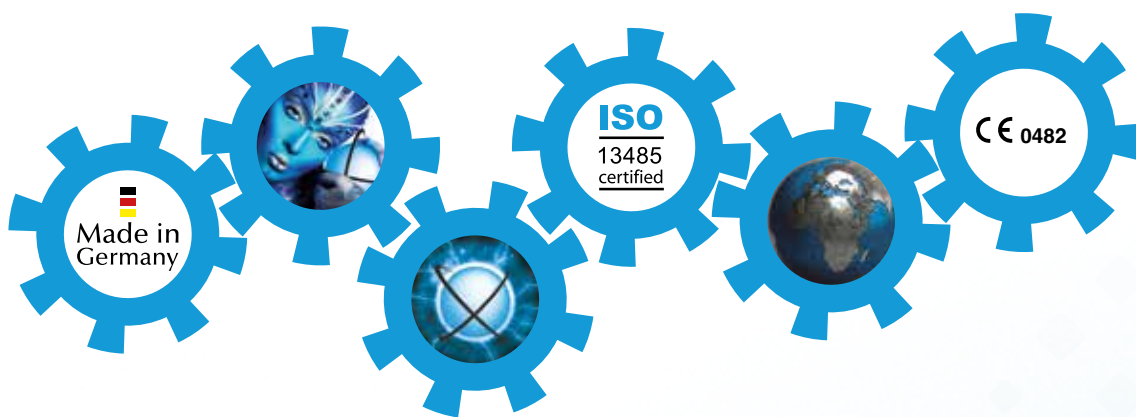
Accessories

The accessories are freed from minimum order quantities. Furthermore, there are flyers and catalogues as promotion materials and put at your disposal if needed. For more information, please get in contact with the sales department.

Part Number	Article	to use with
01-001	50 x Oxford Mix TIP (O), Minimix 1:1	Oxford Zircore NANO, Oxford Flo CORE
01-002	50 x Oxford Mix TIP (O), Minimix 4:1 / 10:1	Oxford Root FILL, Oxford Cem SE
01-003	50 x Oxford Mix TIP (O) Yellow, Automix 50 ml 1:1	Oxford Zircore NANO 25 ml, Oxford Print LIGHT, Oxford Print MEDIUM
01-004	50 x Oxford Mix TIP (O) Pink, Automix 50 ml 1:1	Oxford Print MONO
01-005	50 x Oxford Mix TIP (O-T) Pink, Automix 50 ml 1:1	Oxford Bite
01-006	50 x Oxford Mix TIP (S), Automix 50 ml 4:1 / 10:1	Oxford TEMP
01-007	50 x Oxford Mix TIP (O) Green, Automix 50 ml 1:1	Oxford Bite, Oxford TRANS
01-008B	50 x Oxford Mix TIP (S), Minimix 1:1, Black	Oxford Flo CEM
01-008T	50 x Oxford Mix TIP (S), Minimix 1:1, Transparent	Oxford Temp CEM Universal
01-009	50 x Oxford Mix TIP (S), Minimix 4:1 / 10:1, Long	Oxford Cem SE, Oxford Cem IMPLANT
01-010	50 x Oxford Mix TIP (S), Minimix 4:1 / 10:1, Short	Oxford Double BLEACH
02-001	100 x Oxford Endo TIP Minimix	Oxford Zircore NANO, Oxford Flo CORE, Oxford Root FILL, Oxford Cem SE
02-002	100 x Oxford Intra Oral TIP Mixtips, Minimix	Oxford Zircore NANO, Oxford Flo CORE, Oxford Root FILL, Oxford Cem SE
02-003	100 x Oxford Intra Oral TIP Yellow	Oxford Zircore NANO 25 ml, Oxford Print Light, Oxford Print Medium
02-004	50 x Oxford Needle TIP 17	Oxford Flow Nano
02-005	50 x Oxford Needle TIP 18	Oxford SpheriChrome Flow, Oxford SpheriBlok Flow, Oxford CAL VLC, Oxford Dam
02-006	50 x Oxford Needle TIP 20	Oxford Flow, Oxford Flow SE, Oxford Iono VLC
02-007	50 x Oxford Needle TIP 25 Blue	Oxford Etch
02-009	50 x Oxford Needle TIP 22	Oxford ActiveCal Line, Oxford ActiveCal PC
03-001	50 x Oxford Endo BRUSH	Oxford Root FILL
03-004	50 x Oxford Applicator Blue	Oxford Flow SE
03-006	50 x Oxford Microbrush® Blue	Oxford Bond SE DUAL
05-001	Oxford Fill TIP Dispenser	Oxford SpheriChrome, Oxford SpheriBlok, Oxford Ceram NANO
05-002	Oxford Capsule Applier	Oxford MTA
05-003	Oxford Automix Dispenser 4:1 / 10:1, 50 ml	Oxford Temp
05-004	Oxford Automix Dispenser 2:1 / 1:1, 50 ml	Oxford Bite, Oxford Trans, Oxford Print LIGHT, Oxford Print MEDIUM, Oxford Print MONO
05-005	Oxford Automix Dispenser 2:1 / 1:1, 25 ml	Oxford Zircore NANO 25 ml

You want more information?

 www.oxford-scientific.de



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