

# Kerr™



## Kerr Consumables, Products and Solutions

RESTORATIVES

ENDODONTICS

PREVENTION

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# More than 130 years exceeding your expectations

From the smallest restorative accessory to externally validated prevention solutions and sophisticated endodontic and filling technologies, the Kerr Dental portfolio confers efficiency and compatibility throughout the practice workflow.

Our products are developed in close consultation with clinicians. This strong relationship and combined with a deep understanding of what happens during dental treatments are what enable dentists to optimise their procedures at each step. Under our three flagship brands — Kerr Prevention, Kerr Endodontics and Kerr Restoratives, our aim is to support dentists in:

- Innovating and growing their practice with advanced yet intuitive technologies
- Experiencing a seamless transition between each treatment step through the use of fully compatible solutions
- Finding solutions that can perfectly complement their skills and best of control and peace of mind at once.



## Prevention

Helping patients achieve and maintain excellent oral health, and keeping dental practices everywhere safe from cross-infection.

## Endodontics

Enabling the navigation of even the hardest of paths with endodontic products that give confidence and control. For each step. For every dentist.

## Restoratives

Beautiful restorations from start to finish, thanks to unique solutions combining technology and ease of use. For direct, indirect and laboratory needs.





# One brand for all prevention needs

The Kerr Prevention range offers hygienists and dental assistants predictable results during prophylaxis as well as room preparation and turnover.

From oral health to office organisation, instrument reprocessing and infection prevention, our practical and proven solutions are designed to optimise each step of the workflow.

The range includes the award winning 3-in-1 disposable towelettes, CaviWipes™, the One-Step paste for cleaning and polishing with patented perlite technology, Cleanic™, and the multi-awarded disposable air/water syringe tips, Seal-Tight™.

## Protect what matters



Dental surface disinfectants are essential elements of your infection control procedure.

Because contact surfaces in your dental operator can act as an easy transmission route for germs, proper cleaning is critical in helping to reduce the threat of cross-contamination.

Kerr range of disinfectants for medical and dental device surfaces is available as easy to use wipes or in spray format.

In addition to the minimal cost and ease of using surface disinfectants, having a quick contact time is also extremely beneficial to staff members when turning over a dental operator.



## 1.1 Surface disinfectants

### CaviWipes™ & CaviCide™

#### Liquid and Wipe Surface Disinfectants

CaviWipes™ and CaviCide™ are broad-spectrum medical device surface disinfectant, with clinically relevant efficacy claims: bactericidal, virucidal, fungicidal, tuberculocidal and yeasticidal.

These ready to use multipurpose intermediate level disinfectants are made for use on hard, non-porous surfaces of non-invasive medical devices within dental practices, including patient care areas and laboratories.

CaviWipes and CaviCide kill organisms that pose a threat in today's environment and can help reduce the risk of cross contamination on treated non-invasive medical device surfaces and doing so may help alleviate your important disinfection concerns.

#### Fast, easy and multi-surface compatible

**Kill Most Pathogens in 3 minutes or Less<sup>2</sup>** – Faster change over time and helps lower risks of cross contamination.

**Ready-To-Use Products** – No dilution or mixing required.

**Saves Time & Inventory** – A cleaner and disinfectant in one.

**Low Alcohol Content** – Less than 20%, which offers excellent material compatibility.

**Safe** – Fragrance and colorants-free. Do not contains phenol, aldehyde, bleach or other toxic chemicals





## Spectrum and kill times

Organism	Kill time
Mycobacterium tuberculosis var: bovis (BCG) <sup>2</sup>	3 minutes
Methicillin Resistant Staphylococcus aureus (MRSA) <sup>9</sup>	3 minutes
Pseudomonas aeruginosa <sup>4</sup>	1 minute
Salmonella enterica <sup>9</sup>	3 minutes
Staphylococcus aureus <sup>4</sup>	1 minute
Vancomycin Resistant Enterococcus faecalis (VRE) <sup>9</sup>	2 minutes
Staphylococcus aureus with reduced susceptibility to vancomycin <sup>9</sup>	2 minutes
Enterococcus hirae <sup>4</sup>	1 minute
Escherichia coli <sup>4</sup>	1 minute
Proteus mirabilis <sup>4</sup>	1 minute

Organism	Kill time
SARS-associated Human Coronavirus (SARS-COV-1) <sup>5</sup>	3 minutes
SARS-associated Human Coronavirus 2 (SARS-COV-2) (COVID-19 Virus) <sup>10</sup>	2 minutes
Human Coronavirus <sup>5</sup>	2 minutes
Hepatitis B virus (HBV) <sup>5</sup>	2 minutes
Hepatitis C virus (HCV) <sup>5</sup>	2 minutes
Human Immunodeficiency Virus (HIV-1) <sup>5</sup>	2 minutes
Herpes Simplex Virus Types 1 and 2 <sup>5</sup>	2 minutes
Influenza A2 Virus <sup>5</sup>	2 minutes
Modified Vaccinia Virus Ankara (MVA) <sup>6</sup>	5 minutes
Candida albicans <sup>7</sup>	1 minute <sup>8</sup>
Trichophyton mentagrophytes <sup>9</sup>	3 minutes

The CaviWipes and CaviCide family provides time savings, convenient packaging, ease of use, and intermediate-level disinfection in various sizes and in multiple configurations for your office needs. Available in spray, liquid and wipe formats, these products are ideal for cleaning and disinfecting medical devices surfaces.

**CaviCide** can be used as a disinfectant spray or as a disinfectant immersion solution for non-invasive medical instruments. It is ready-to-use and doesn't require dilution.

**CaviWipes and CaviWipes XL** are disposable, ready-to-use disinfectant wipes pre-saturated with CaviCide™ solution for the effective removal of dirt and quick and broad-spectrum disinfection. Each Wipe is a durable, non-woven fully saturated towelette that won't dry out and won't bunch up during use.

**CaviWipes** offers excellent surface contact: available in various formats and sizes – flatpack (17.5 x 22.5 cm) and canister (15.24 x 17.15 cm), (22.9x 30.5 cm). Flat Packs minimize storage space, unclutter counter space, and are resealable. On Canister, the deep well lid and easy access tab provides quick opening and tight closures between wipes.

1) EN14476 tested using MVA (Modified vaccinia virus Ankara) as a surrogate representing enveloped virus

2) Please refer to organism list for appropriate application time

3) AOAC 965.12

4) EN 13727, EN 16615, EN 13697, EN 14561 (Clean condition)

5) ASTM E1053-11

6) EN 14476, EN 16777 (Clean condition)

7) EN 13624, EN 16615, EN 13697, EN 14562 (Clean condition)

8) If used as a disinfectant spray (EN 13697), the contact time is 1 minutes.

If used as an immersion disinfectant solution (EN14562), the contact time is 3 minutes. (Clean condition)

9) AOAC 961.02

10) ASTM E1053-20

CaviCide	REF/Part No.
CaviCide – 5 l Tank	4731223
CaviCide – Pump for 5 l Tank	4731229
CaviCide – 200 ml Bottle	4731221/15
CaviCide – 700 ml Bottle	4731222/15

CaviWipes™	REF/Part No.
CaviWipes – 160 Pre-Saturated Towelettes (15.24 x 17.15 cm) Canister – Pack of 12	4731160
CaviWipes – 45 Pre-Saturated Towelettes (17.5 x 22.5 cm) Flat Packs – Pack of 20	4731245
CaviWipes XL – 65 Pre-Saturated Towelettes (22.9 x 30.5 cm) Canister – Pack of 12	4731065

## 1.2 Barriers for dental practice

Disposable dental barriers and sleeves offer many advantages in infection control by helping the clinician reduce clean-up time, and blood and viral cross-contamination. They also support the reduction of the use of chemicals, which may help to increase the longevity of your equipment and furniture.

### Chair Sleeve and No-Slip Chair

The extra-wide No Slip Chair Sleeve is made with a special copolymer plastic, with its gripping bottom surface keeping the sleeve in place.

#### Chair Sleeve

REF/Part No. 3800

69.9 cm x 61 cm, Pack of 225

#### No-Slip Chair Sleeve

REF/Part No. 3870-NS

122 cm x 142 cm, Pack of 150

#### No-Slip Chair Sleeve XL

REF/Part No. 3850 XL

73.7 cm x 203 cm, Pack of 125



Chair Sleeve

### Headrest Cover

Disposable plastic cover for headrests.

#### Headrest Cover

REF/Part No. 3511

27.9 cm x 24.1 cm, Pack of 250

#### Headrest Cover

REF/Part No. 3514

35.6 cm x 24.1 cm, Pack of 250



Headrest Cover

### Syringe Sleeve

Disposable sleeve made to cover the 3-way syringe, HVE and saliva ejector valves.

#### Syringe Sleeve

REF/Part No. 3760

6.4 cm x 25.4 cm, Pack of 500

#### Syringe Sleeve WA (with adhesive)

REF/Part No. 3763-WA

6.4 cm x 25.4 cm, Pack of 500

Unique tape strip fastens bag to tubing to prevent sliding.

#### Syringe Sleeve WO (with opening)

REF/Part No. 3767-WO

6.4 cm x 25.4 cm, Pack of 500

Exclusive pre-cut opening allows the user to simply slide the syringe tip through the end of the bag.



Syringe Sleeve

## X-ray Sleeve

The X-ray Sleeve's tapered design protects X-rays from the harmful drying effects of surface disinfectants.

### X-ray Sleeve

REF/Part No. 3900

37.5 cm x 65 cm, Pack of 250



X-ray Sleeve

## Handpiece Sleeve

The Handpiece Sleeve is a disposable cover for handpieces, ultrasonic scalars and jet polishers. It is made from unique super-soft plastic that allows the user to hold the handpiece easily and maintain tactile feel. The single-piece package makes it simple to insert and apply to the handpiece.

### Handpiece Sleeve

REF/Part No. 4000-1

3.13 cm x 25.4 cm, Pack of 500

Fits straight slow-speed handpieces, ultrasonic scalars and jet polishers

### Handpiece Sleeve

REF/Part No. 4050

5.1 cm x 25.4 cm, Pack of 500

Fits contra-angle slow-speed handpieces and Midwest Shorty.



Handpiece Sleeve

## Cure Sleeve

The Cure Sleeve is a disposable cover for curing light tips. It decreases the possibility of cross-contamination and prevents composite bonding to the end of the tip, which decreases curing depth.

### Cure Sleeve

REF/Part No.

Cure Sleeve – fits 7 and 8 mm Tips, Pack of 400

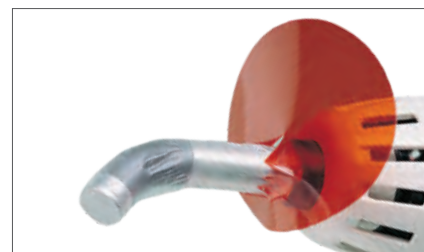
4500

Cure Sleeve – fits 11 mm Tips, Pack of 400

4511-1

Cure Sleeve – fits 13 mm Tips, Pack of 400

4513-1



Cure Sleeve

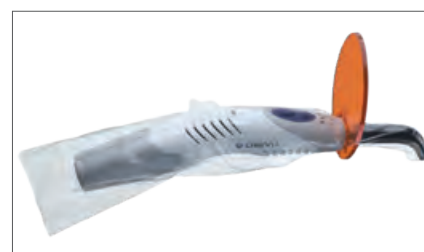
## Cure Sleeve Handle Cover

The Cure Sleeve is a disposable cover for curing light handles. The patented design prevents overheating of the curing gun.

### Sleeves DEMI

REF/Part No. DEMI-250

Single-use, protective plastic sleeve designed to cover DEMI, Pack of 250



Sleeves DEMI 250



# Light Sleeve

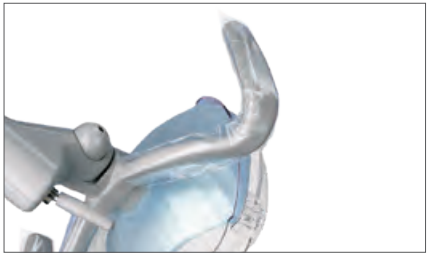
The Light Sleeve, for “T” style light handles, allows the user to slip the plastic sleeve over the handle quickly. Its patented design keeps the sleeve from falling off while in use, yet it is easily removed when finished.

The Light Sleeve is also available for “L” style light handles.

Light Sleeve, “T” Style	REF/Part No. 3600
10.2 cm x 14.6 cm, Pack of 500	
Light Sleeve, “L” Style	REF/Part No. 3650
3.8 cm x 20.3 cm, Pack of 500	



Light Sleeve, “T” style



Light Sleeve, “L” style

# Sensor Covers

Sensor Covers are disposable covers for the sensor on digital X-ray imaging systems.

Sensor Covers	REF/Part No. 3735
3.5 cm x 20.5 cm, Pack of 500	
Sensor Covers	REF/Part No. 3736
4 cm x 21 cm, Pack of 500	



Sensor Covers

# Cover-All

The Cover-All thin, perforated sheet of adhesive plastic effectively covers anything that may be touched during a procedure. It is disposable, easy-to-apply and remove, and will not leave any residue.

Cover-All	REF/Part No.
Cover-All – Clear, 10.2 cm x 15.2 cm sheets, Pack of 1,200	3700-C
Cover-All – Blue, 10.2 cm x 15.2 cm sheets, Pack of 1,200	3710-B



Cover-All

## 1.3 Splash protection

### Bib-Eze™

#### Disposable bib holders

Bib-Eze™ Disposable Bib Holders are lightweight stretchable paper holders that attach to the dental napkin with their easy-to-peel, self-adhesive ends. The bib holder can easily be removed after the procedure and thrown away alongside the dirty napkin, thus reducing the risk of cross-contamination.



Bib-Eze™

#### Bib-Eze

REF/Part No. 35053

Bib-Eze single-use Disposable Bib Holders Box of 250

## 1.4 Air/water syringe tips

### Seal-Tight™

#### Disposable air/water syringe tips

Seal-Tight™ is a disposable syringe tip with a built-in rubber O-ring seal making syringes work like new every time. The tips are fast to change thanks to the easy-to-install push-button converter. The interlock system eliminates wear and tear at the insertion point of the air/water syringe.

#### Benefits:

The Seal-Tight ensures dry air every time and removes the risk of moisture damage during procedures.

- Single-use, eliminates the risk of cross-contamination
- Saves time wasted on processing metal tips
- Plastic tip can bend to 90° angle
- Easily retracts lips and cheeks without bending



Seal-Tight



Seal-Tight — Assorted Colours

#### Seal-Tight

REF/Part No. PE77200

Seal-Tight — Dispenser Pouch of 200 Tips

#### Seal-Tight — Assorted Colours

REF/Part No. 72200

Seal-Tight — Assorted colours — Dispenser Pouch of 200 Tips

# Seal-Tight Adapters

## Easy-to-mount set of autoclavable adapters

The Seal-Tight offers an easy-to-mount set of 12 autoclavable adapters, custom designed to fit the respective syringe type, ensuring maximum compatibility with the original syringe.

Seal-Tight Adapters	REF/Part No.
Seal-Tight Adapter Snap-on for KaVo air-water syringe 773.000 L	PE77031/K
Seal-Tight Adapter for KaVo air-water syringe E30 (3-Way Hand piece One)	PE77034/K
Seal-Tight Adapter for «Adec» syringes	PE77021/A
Seal-Tight Adapter for DCI Standard «Press Ring» syringes**	PE77024/P
Seal-Tight Adapter for Luzzani air-water syringe MINI Light	PE77027/L
Seal-Tight Adapter Snap-on for Cefla/Anthos(bef. 3)/new Castellini/Stern Webber	PE77033/C
Seal-Tight Adapter Snap-on for Sirona air-water syringe Sprayvit L	PE77030/S



Seal-Tight Adapter for Kavo 773.000 L Light Syringe



Seal-Tight Adapter for Kavo E30 Syringe

## 1.5 X-ray protection

# Lead-Free X-ray Apron and Panoramic Poncho

## Lead-free X-ray garments

Our lead-free aprons provide radiation protection for patients during intra-oral radiography, without the weight of lead. The aprons are made of proprietary alloy sheeting that provides the same protection as lead, but are lighter. The apron drapes comfortably over the patient and the corduroy backing prevents it from slipping off. The vinyl front and durable stain-resistant binding make it also easy-to-clean.

Aprons are available as panoramic ponchos.



Lead-Free X-Ray Panoramic Poncho

Lead-Free X-ray Aprons	REF/Part No.
Lead-Free X-ray Panoramic Poncho - Light Blue – 3,200 g – 58 x 76 cm	31440DX



## 1.6 Dental office organisation

### Bur Blocks

Magnetic, colourful and accessible storage for all types of rotary cutting instruments.

- Made of resistant polypropylene plastic.
- Suitable for ultrasonic cleaning, autoclavable.
- Accept all shank sizes: right angle, friction grip, and handpiece.
- Three capacities: 8, 14, or 24 burs.

#### Bur Block – 8-Holes – Round – 40 mm diameter

	REF/Part No.
Bur Block 8-Holes – White	31002DX
Bur Block 8-Holes – French Vanilla	31820DX
Bur Block 8-Holes – Lilac	31824DX
Bur Block 8-Holes – Baby Blue	31825DX
Bur Block 8-Holes – Sea Foam	31823DX

#### Bur Block – 24-Holes – Round – 70 mm diameter

	REF/Part No.
Bur Block 24-Holes – White	31007DX
Bur Block 24-Holes – Lilac	31834DX
Bur Block 24-Holes – Baby Blue	31835DX

#### Bohrerständler – Bur Block – 14-Holes

	Art.-Nr.
Bur Block 14-Holes – White	31801
Bur Block 14-Holes – Lilac	31817
Bur Block 14-Holes – Baby Blue	31818DX



Bur Block 8-Holes



Bur Block 24-Holes



Bur Block 14-Holes

# Preserve what matters — comfortably

Kerr Endodontics is behind some of the most defining products in the field, from the long-established K-File to the slick and intuitive elements™ IC obturation system

Lack of visibility of the working area, unknown variables it is difficult to plan for, and a wealth of techniques and solutions available – all claiming to be the best performing of all – are only a few of the challenges regularly faced by professionals in the field.

With a focus on giving you control, flexibility and outcome predictability, our complete range of root canal treatment solutions enables you to perform at your best, from patient preparation and diagnosis all the way to obturation.

Kerr Endodontics strikes the perfect balance between offering intuitive solutions to empower general practitioners to undertake complex treatments with confidence, and sophisticated technology to appeal to even the most specialised endodontists.

## Simplifying complex procedures



Kerr Endodontics is committed to helping endodontists and general practitioners to achieve their goals without adding unnecessary complications to the already challenging reality of root canal treatments.

Each solution makes the best use of intuitive and user-friendly features — such as colour-coded file identification, wireless and intuitive technology and 360 degree activation rings — freeing your minds from doubts and helping to reduce the risks of errors.

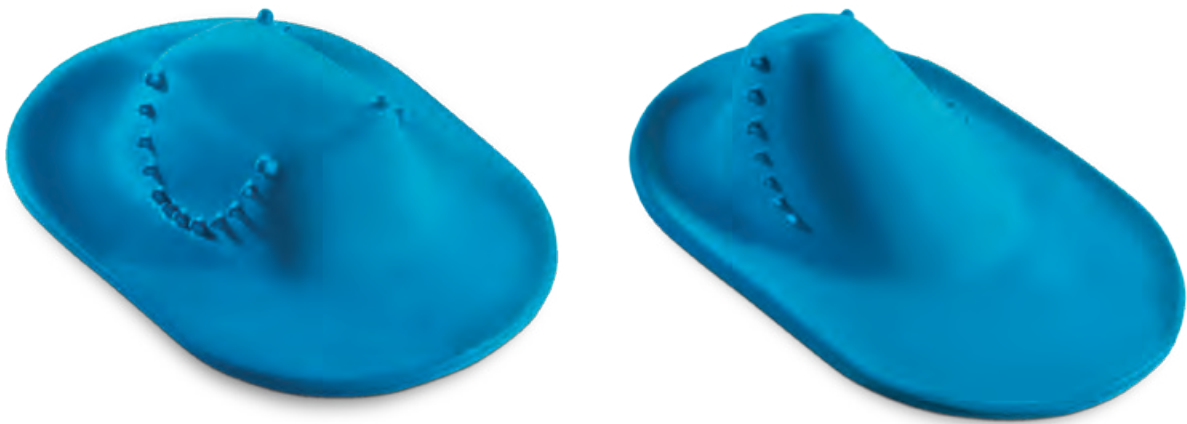
A focus on precision technology facilitates safe and easy navigation of the entire root canal, while giving you the control you need to perform each step to the best of your ability: from excellent apex location identification during diagnosis, to complete working length accessibility during shaping, cleaning and filling.

2.1 Patient preparation

OptiDam™  
3D rubber dental dam

OptiDam™ is the first rubber dam with a 3-dimensional shape and nipple design, for practical and easy application. The dental dam, combined with its dedicated anatomical frame, matches the contours of the mouth, giving perfect visibility and accessibility to the treatment area. It does all this while ensuring the patient is comfortable throughout the procedure.

Available in two versions – anterior and posterior, it offers optimum protection for both patient and dental staff.



OptiDam – Posterior Intro Kit	REF/Part No. 5200
10 x Posterior OptiDam 3D Rubber Dam, 1 x Anatomical Frame	
OptiDam – Anterior Intro Kit	REF/Part No. 5203
10 x Anterior OptiDam 3D Rubber Dam, 1 x Anatomical Frame	
OptiDam – Refills	REF/Part No.
OptiDam – Frame Refill – Pack of 2	5202
OptiDam – Posterior Refill – Pack of 30	5201
OptiDam – Anterior Refill – Pack of 30	5204
OptiDam – Posterior Refill – Pack of 60	5205
OptiDam – Anterior Refill – Pack of 60	5206



## 2.2 Diagnosis

### Apex ID™

#### Digital apex locator

The Apex ID™ is compact and modern with unique functions that allow you to focus on what's important; providing the best care for your patients. It has been designed to work in almost any canal condition: dry, wet, bleeding or filled with saline, EDTA, NaOCl or chlorhexidine.

- Possible to adapt the "point zero" and sound signals for a more intuitive use
- Accuracy of measurements in all root canal conditions for precise information
- Unstopped readings in real time for increased precision



#### User-set zero point

Customise the "point zero" based on your clinical judgment. No need to constantly monitor the visual display, the audible signal will let you know when you've reached your preferred zero point.

#### Accuracy in almost any condition

Apex ID has been designed to work in almost any canal condition. Whether dry, wet, bleeding, filled with saline, EDTA, NaOCl or chlorhexidine, the Apex ID can still provide accurate, consistent and dependable readings.

#### Continuous calibration

Unlike most locators on the market today, Apex ID continuously calibrates for accurate, uninterrupted readings in real time.

#### Apex ID™ — Starter Kit

REF/Part No. 972-0090

1 x Apex ID, 1 x Apex ID Stand, 5 x Lip Hooks, 2 x File Clips,  
1 x File Probe, 1 x Probe Cord, 1 x Apex ID IFU, 3 x AAA 1.5 V Batteries

#### Apex ID™ — Accessories

REF/Part No.

Apex ID — Lip Hooks — Pack of 5	972-0092
Apex ID — File Clips — Pack of 2	972-0093
Apex ID — File Probe	972-0094
Apex ID — Probe Cord	972-0095

## 2.3 Shaping

# elements™ Connect & Apex Connect

Cordless Endodontic Motor and Electronic Apex Locator

## An Interconnected System



### Dual Light Indicators

With intuitive light indicators in both motor handpiece and the Apex file clip, you'll have greater visibility for more confident shaping.



### Patient Safety

The intuitive, easy-to-see smart light and audible indicators, as well as a large, bright viewing display alert you when you're reaching the apex. May be used independently or as a connected system.



### Portable Convenience

Easily move between operatories with this interconnected system; lightweight, ergonomic and cordless design.



## Shape with Confidence

View real-time working length information during procedures with a smart light indicator that changes color, as well as audible indicators, as you reach the apex.

## Continuous Use



Two removable batteries are included to ensure one is always charged so you can complete your procedures safely without interruption.

## Built-in Accuracy

Ensure measurement accuracy with Apex Connect's automatic self-calibration feature that activates every time the device is turned on.



## Versatile Motions

With Adaptive, Reciprocation and Rotary motions in one motor, elements Connect allows offices to maintain their existing techniques and protocols.

## Preset

9 Kerr preset file settings, 1 reciprocating setting and 4 customizable settings.

elements™ Connect	REF/Part No.
elements Connect Cordless Motor Kit -EU	815-1801
elements Connect Cordless Motor Kit - UK	815-1901-UK
elements Connect AC/DC Adapter	815-1906
elements Connect Contra Angle	815-1908
elements Connect Charging Base	815-1909
elements Connect Battery Pack	815-1910
Accessories	REF/Part No.
elements/Apex Connect Power Cord - EU	815-1805
elements/Apex Connect Power Cord - UK	815-1904-UK

Apex Connect	REF/Part No.
Apex Connect Kit - EU	815-1803
Apex Connect Kit - UK	815-1902-UK
Apex Connect AC/DC Adapter	815-1907
Apex Connect Probe Cord	815-1912
Apex Connect Lip Hook	815-1913
Apex Connect File Holder Adapter	815-1914
Apex Connect File Holder A	815-1915
Apex Connect File Holder B	815-1916
Apex Connect Replacement Battery	815-1722

## elements™ e-motion

### Endodontic motor with Adaptive Motion

The new KaVo Kerr elements e-motion provides efficiency and safety. The improved Adaptive Motion offers higher cutting efficiency and the new maximal torque limitation provides a better ability to resist breakage or deformation of the file.

KaVo Kerr elements e-motion was completely designed and manufactured in Germany and has a stainless steel handpiece powered by KaVo. It is intuitive to use, due to a user-friendly, coloured touchscreen and an interface that allows 5 fully customisable presets with up to 10 file options each.

- The file system has more than 190 preset files
- Ease of adding new files, customising names, sizes, rpm and torque
- 4 mounting options for handpiece holder
- System includes controller, motor and 8 : 1 handpiece. System speed 20–2.500 rpm and torque 0.1–6.0 Ncm
- 12-month warranty





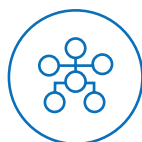
### Streamlined Workflow

The intuitive, full-colour touchscreen allows easy access to your preferred pre-sets. Customise your preset with 24 file systems in the database.



### Better Visibility and Access

Smaller head for better visibility and easier posterior access.



### Smart Technology

Smart algorithm enables higher cutting efficiency and greater protection against breakage and deformation.



### Ergonomic Design

Whether you're right-handed or left-handed, elements e-motion includes 4 handpiece mounting options to meet your needs.

elements™ e-motion	REF/Part No.
elements e-motion EU	815-1701
elements e-motion UK	815-1703
elements e-motion EE	815-1702
elements e-motion MEA	815-1706
elements e-motion NE	815-1707

elements™ e-motion – Accessories	REF/Part No.
elements 8:1 handpiece	815-1655
elements e-motion – Power supply	815-1721
elements e-motion – Power cable EU	815-1712
elements e-motion – Power cable UK	815-1713
elements e-motion – Foot control	815-1720
elements e-motion – Motor cord	815-1722



# ZenFlex™

## NiTi Rotary Shaping File

### Maximum Strength. Minimally Invasive

Featuring an ideal balance of strength and flexibility, ZenFlex lets you reach the full working length with reduced risk of breakage while preserving more tooth integrity.



#### High Cutting Efficiency

Designed with triangular cross section with proprietary heat treatment, ZenFlex exhibits high cutting efficiency that lets you reach the full working length of even complex root geometries.



#### Minimally Invasive

A maximum flute diameter of 1mm and a non-cutting tip work together to minimize transportation and preserve the tooth's structural integrity.



#### Exceptional Strength

Resists torsional stress and cyclic fatigue resulting in minimal breakage and reduced transportation.



#### Excellent Flexibility

Proprietary heat-treatment design delivers excellent controlled memory and flexibility for up to 90° curves.



### Follow the curvature. See the difference

We invited leading endodontist Dr. Stephen L. Buchanan to put ZenFlex to the test. Dr. Buchanan found that ZenFlex is able to shape severely curved canals.

ZenFlex is able to maintain more tooth structure after RCT, due to its 1mm maximum flute diameter.



- Pre-op Canal
- Shaped canal

\*CT scans taken from extracted teeth.

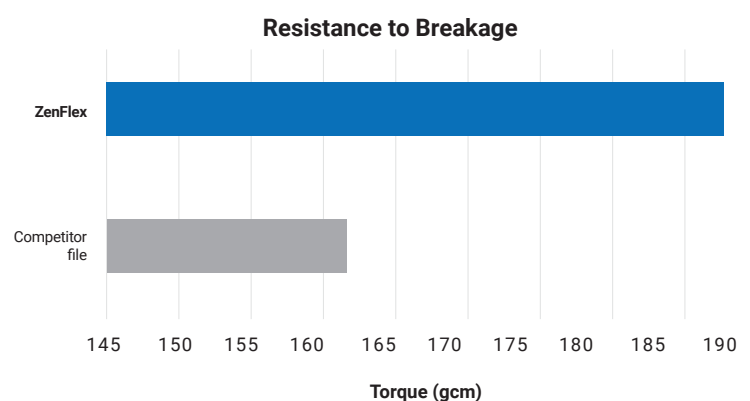
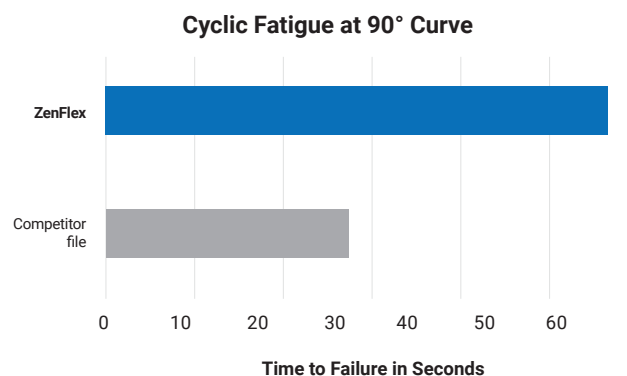


● ZenFlex

● Competitor file

## When failure is not an option

Compared to other brands, ZenFlex delivers greater resistance to cyclic fatigue. This results in longer time to failure and shorter time to reach the working length while minimizing the risk of breakage and transportation.



## Torque Strength

ZenFlex is designed to be as resistant or more resistant to torsional stresses relative to major rotary file competitors despite having a 20% smaller maximum flute diameter and smaller mass.

## Flexibility Meets Memory

Every canal anatomy is different, and some are more complex than others. Designed with proprietary heat-treatment technology, ZenFlex provides excellent flexibility for up to 90° curves.

With exceptional controlled memory, ZenFlex maintains its pre-curved shape, resulting in easier insertion into even the most challenging canal anatomies.



### ZenFlex™ — Pack of 6

Taper	Tip	21 mm	25 mm	25 mm
.04	.20	818-1206	818-1207	818-1208
.04	.25	818-1256	818-1257	818-1258
.04	.30	818-1306	818-1307	818-1308
.04	.35	818-1356	818-1357	818-1358
.04	.40	818-1406	818-1407	818-1408
.04	.45	818-1456	818-1457	818-1458
.04	.50	818-1506	818-1507	818-1508
.04	.55	818-1556	818-1557	818-1558
.06	.20	818-2206	818-2207	818-2208
.06	.25	818-2256	818-2257	818-2258
.06	.30	818-2306	818-2307	818-2308
.06	.35	818-2356	818-2357	818-2358
.06	.40	818-2406	818-2407	818-2408
.06	.45	818-2456	818-2457	818-2458
.06	.50	818-2506	818-2507	818-2508
.06	.55	818-2556	818-2557	818-2558

### ZenFlex™ — Assorted - Pack of 6

Taper	Tip	21 mm	25 mm
.04	.20	818-1421	818-1425
.04	.25		
.04	.30		
.04	.35		
.04	.40		
.04	.45	818-1621	818-1625
.06	.20		
.06	.25		
.06	.30		
.06	.35		
.06	.40		
.06	.45		

# ZenFlex™ Gutta Percha Points

## NiTi Rotary Shaping File

Your shaping procedures are about to get even smoother. ZenFlex Gutta Percha is the easy-to-use gutta percha product designed to match a range of ZenFlex NiTi File tip sizes and root canal procedures.

- Points that match canals shaped by ZenFlex NiTi Shaping Files
- Worry-free application, with zero natural rubber latex
- Excellent matches to a wide range of canal depths.



ZenFlex™ Gutta Percha Points - Pack of 50		
Taper	Tip	30 mm
.04	.20	825-9820
.04	.25	825-9825
.04	.30	825-9830
.04	.35	825-9835
.04	.40	825-9840
.04	.45	825-9845
.06	.20	825-9920
.06	.25	825-9925
.06	.30	825-9930
.06	.35	825-9935
.06	.40	825-9940
.06	.45	825-9945

ZenFlex™ Gutta Percha Points - Assorted Pack of 50				
Taper	Tip	21 mm	25 mm	
.04	.20	825-9800	825-9900	
.04	.25			
.04	.30			
.04	.35			
.04	.40			
.04	.45			
.06	.20	825-9900		
.06	.25			
.06	.30			
.06	.35			
.06	.40			
.06	.45			

# Traverse™

## Rotary Glide Path File



## Peace of mind is made of Traverse

### Simplified, faster procedure

Utilization of Traverse rotary glide path file simplifies the procedure, reduces procedure time and manual labor compare to SS hand files.

### High resistance to stress and deformation

The Traverse files .13/.06 and .18/.06 have higher torsional resistance compared to competitors.\*

### More tapered glide path, reduced work load

The rotary glide path files create a more tapered glide path, thus reducing the work load on subsequent shaping files (compared with 02 taper SS files or 02 taper rotary glide path files).

\* Internal comparison study just on torsional strength.  
Third party study with Dr. Kim (both torsional and cyclic) – Traverse study report

### Higher cutting efficiency

The files possess triangular cross section, thus exhibits higher cutting efficiency compare to other files with landed cross section

### Non-cutting tip, less debris apical extrusion

The Traverse files are designed with non-cutting tip, minimizing transportation. In addition, the Traverse™ files are optimized under rotary motion, which incur less debris apical extrusion when compare to files designed to be used under reciprocation motion.

### No risk for cross contamination

The files are offered in pre-sterilized packaging, eliminating the need to autoclave the file prior to first use.

Traverse™ — Pack of 6	REF/Part No.
.25/.08/17mm Traverse™ orifice opener row	818-8256
.13/.06/21mm Traverse™ rotary glide path file row	818-2156
.13/.06/25mm Traverse™ rotary glide path file row	818-2157
.13/.06/31mm Traverse™ rotary glide path file row	818-2158
.18/.06/21mm Traverse™ rotary glide path file row	818-2186
.18/.06/25mm Traverse™ rotary glide path file row	818-2187
.18/.06/31mm Traverse™ rotary glide path file row	818-2188
Traverse™ — Pack of 6	REF/Part No.
.25/.08/17 mm + .13/.06/21 mm / Traverse™ orifice opener + rotary glide path file	818-2146
.25/.08/17 mm + .13/.06/25mm / Traverse™ orifice opener + rotary glide path file	818-2147
.25/.08/17 mm + .13/.06/31mm / Traverse™ orifice opener + rotary glide path file	818-2148
.25/.08/17 mm + .18/.06/21mm / Traverse™ orifice opener + rotary glide path file	818-2196
.25/.08/17 mm + .18/.06/25mm / Traverse™ orifice opener + rotary glide path file	818-2197
.25/.08/17 mm + .18/.06/31mm / Traverse™ orifice opener + rotary glide path file	818-2198



Traverse

# TF™ Adaptive System

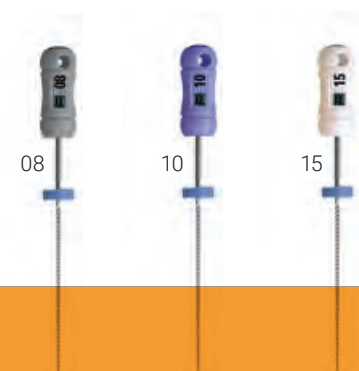
## NiTi endo file system

TF™ Adaptive is the unique endodontic file system with Adaptive Motion Technology, which adjusts to intra-canal torsional forces depending on the amount of pressure placed on the file. This means the file is in either a rotary or reciprocation motion depending on the situation. The result is exceptional debris removal with our classic rotary Twisted File design and less chance of file pull-in. TF Adaptive gives exceptional file control through the entire procedure.



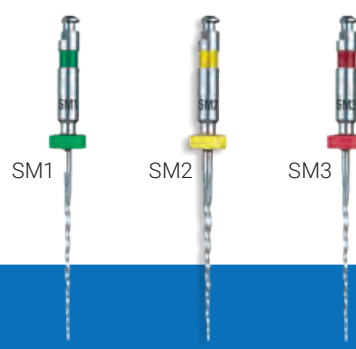
## TF Adaptive procedure

### Small canals



#### Step 1

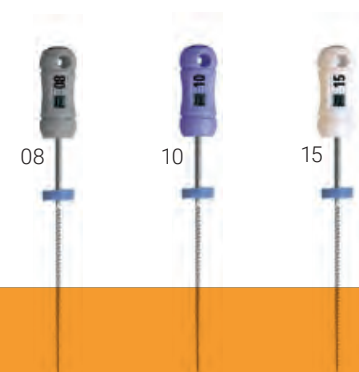
K-File hand files



#### Step 2

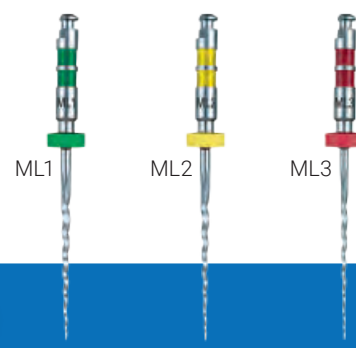
TF Adaptive files SM

### Medium/large canals



#### Step 1

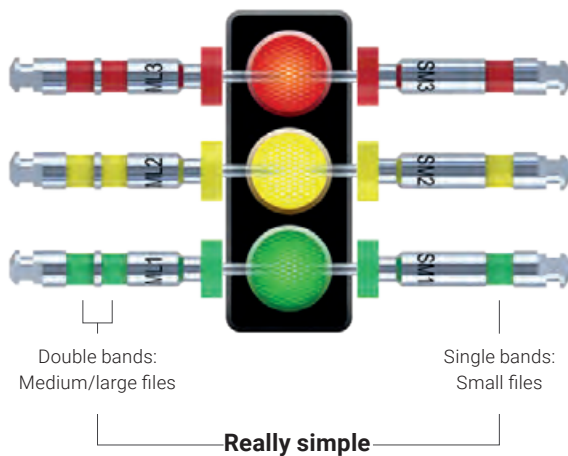
K-File hand files



#### Step 2

TF Adaptive files ML





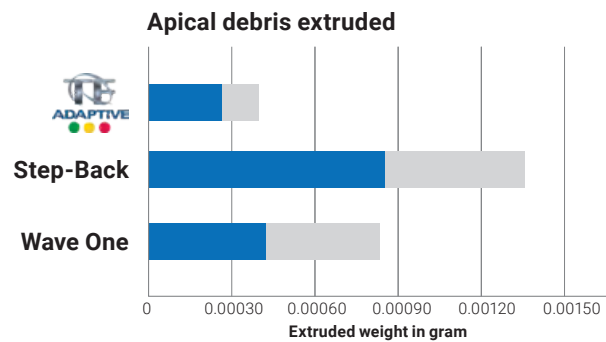
## Intuitive file identification

An intuitive, colour-coded system designed for efficiency and ease of use. Just like a traffic light ... start with green and stop with red.

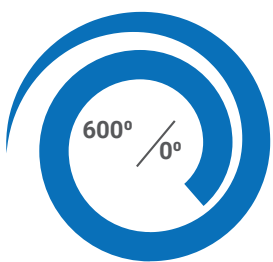
## Study of apical debris extrusion\*

Compared with the TF Adaptive System, the Manual Step-Back technique generated 207% more debris from the apex than TF Adaptive while Wave One generated 59% more debris from the apex than TF Adaptive.

\* Jaramillo, D. and Raydolfo, A. (2013) Comparison of the Extrusion of Dentine Debris Using a New Instrumentation. Publication pending.

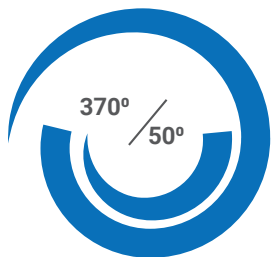


## Adaptive Motion Technology



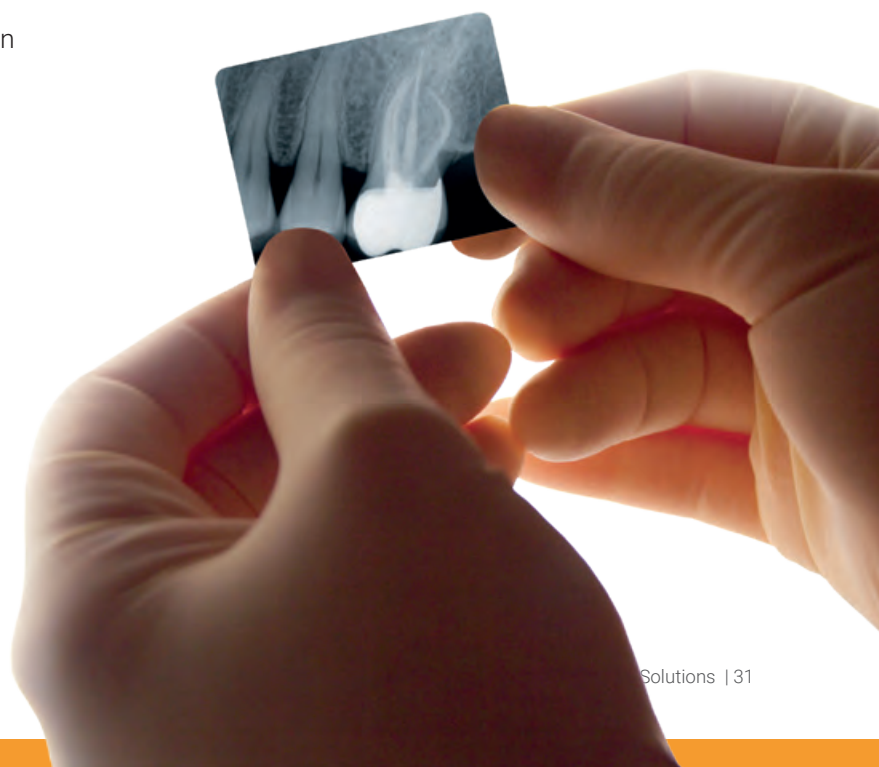
### Rotary

600° clockwise and 0° counter-clockwise. file motion when no load is applied.



### Reciprocation

370° clockwise and up to 50° counter-clockwise file motion when load is applied.



# TF Adaptive Files

## NiTi twisted files

The TF Adaptive File design is based on our clinically proven Twisted File technology, which means the file is twisted to shape for improved file durability, features R-Phase™ Technology to improve file flexibility and provides exceptional debris removal.

An intuitive, colour-coded system designed for efficiency and ease of use. Just like a traffic light ... start with green and stop with red.



TF Adaptive Files

TF™ Adaptive Files	REF/Part No.
TF Adaptive File SM1 23 mm (4 pcs)	817-4203
TF Adaptive File SM1 27 mm (4 pcs)	817-4207
TF Adaptive File SM2 23 mm (4 pcs)	817-6253
TF Adaptive File SM2 27 mm (4 pcs)	817-6257
TF Adaptive File SM3 23 mm (4 pcs)	817-4353
TF Adaptive File SM3 27 mm (4 pcs)	817-4357
TF Adaptive File ML1 23 mm (4 pcs)	817-8253
TF Adaptive File ML1 27 mm (4 pcs)	817-8257
TF Adaptive File ML2 23 mm (4 pcs)	817-6353
TF Adaptive File ML2 27 mm (4 pcs)	817-6357
TF Adaptive File ML3 23 mm (4 pcs)	817-4503
TF Adaptive File ML3 27 mm (4 pcs)	817-4507

TF™ Adaptive Files	REF/Part No.
Small Procedure Pack 23 mm	817-3003
Small Procedure Pack 27 mm	817-3007
Med/Lrg Procedure Pack 23 mm	817-4003
Med/Lrg Procedure Pack 27 mm	817-4007



# TF Adaptive Paper Points

TF Adaptive Paper Points	REF/Part No.
TF Adaptive Paper Points - Small Yellow Pack - SM2 - Pack of 100	815-1570
TF Adaptive Paper Points - Small Red Pack - SM3 - Pack of 100	815-1571
TF Adaptive Paper Points - Small Asst Pack - SM2, SM3 - Pack of 100	815-1575
TF Adaptive Paper Points - Medium/Large Green Pack - ML1 - Pack of 100	815-1572
TF Adaptive Paper Points - Medium/Large Yellow Pack - ML2 - Pack of 100	815-1573
TF Adaptive Paper Points - Medium/Large Red Pack - ML3 - Pack of 100	815-1574
TF Adaptive Paper Points - Medium/Large Ass. Pack - ML1, ML2, ML3 - Pack of 100	815-1576



TF Adaptive Paper Points

# TF Adaptive Gutta-Percha Point

TF Adaptive Paper Points	REF/Part No.
TF Adaptive Gutta-Percha - Small Yellow Pack - SM2 - Pack of 50	815-1540
TF Adaptive Gutta-Percha - Small Red Pack - SM3 - Pack of 50	815-1541
TF Adaptive Gutta-Percha - Small Assorted Pack - SM2, SM3 - Pack of 50	815-1542
TF Adaptive Gutta-Percha - Medium/Large - Green Pack - ML1 - Pack of 50	815-1543
TF Adaptive Gutta-Percha - Medium/Large - Yellow Pack - ML2 - Pack of 50	815-1544
TF Adaptive Gutta-Percha - Medium/Large - Red Pack - ML3 - Pack of 50	815-1545
TF Adaptive Gutta-Percha - Medium/Large Ass. Pack - ML1, ML2, ML3 - Pack of 50	815-1546



TF Adaptive Gutta-Percha

# TF Adaptive Verifier

TF Adaptive Verifier	REF/Part No.
TF Adaptive Verifier - Small - Yellow Pack - SM2 - Pack of 6	815-1552
TF Adaptive Verifier - Small - Red Pack - SM3 - Pack of 6	815-1553
TF Adaptive Verifier - Medium/Large - Green Pack - ML1 - Pack of 6	815-1557
TF Adaptive Verifier - Medium/Large - Yellow Pack - ML2 - Pack of 6	815-1558
TF Adaptive Verifier - Medium/Large - Red Pack - ML3 - Pack of 6	815-1559



TF Adaptive Verifier

# TF Adaptive Obturator

TF Adaptive Obturator	REF/Part No.
TF Adaptive Obturator - Small - Yellow Pack - SM2 - Pack of 6	815-1550
TF Adaptive Obturator - Small - Red Pack - SM3 - Pack of 6	815-1551
TF Adaptive Obturator - Medium/Large - Green Pack - ML1 - Pack of 6	815-1554
TF Adaptive Obturator - Medium/Large - Yellow Pack - ML2 - Pack of 6	815-1555
TF Adaptive Obturator - Medium/Large - Red Pack - ML3 - Pack of 6	815-1556

TF Adaptive Obturator — Bulk Packs	REF/Part No.
TF Adaptive Obturator - Small - Red Pack - SM3 - Pack of 36	815-1561
TF Adaptive Obturator - Medium/Large - Yellow Pack - ML2 - Pack of 36	815-1563
TF Adaptive Obturator - Medium/Large - Red Pack - ML3 - Pack of 36	815-1564



TF Adaptive Obturator

# TF Files

## 3-File system

The Twisted File (TF) is the first file to combine 3 unique and proprietary processes to deliver optimal strength and flexibility:

- **R-Phase™ heat treatment technology:** TF is produced with Kerr Endodontics' proprietary R-Phase Technology. This patented technology is used to increase file flexibility and resistance to cyclic fatigue.
- **Twisted design, not ground:** Twisting helps preserve grain structure and reduces formation of microfractures, making the file even more durable.
- **Strength and flexibility that can be measured:** In a torsional stress comparison, Twisted Files absorbed more energy before fracture than ground blanks<sup>1</sup>. Twisted files can withstand approximately 60% more torque than files made using a traditional manufacturing process. One study showed that Twisted Files are up to 70% more flexible than the other NiTi files tested<sup>2</sup>.

1. Nicoll T, Oestreich L, Tang C, Ravi VA. Evaluation of product properties resulting from a new NiTi endodontic file manufacturing process. Chemical and Materials Engineering Department, California State Polytechnic University, 2006.

2. JOE – Volume 40, Number 11, November 2014 – Assessment of the Mechanical Properties of ProTaper Next Nickel-Titanium Rotary Files

TF Files – Procedure Pack – Anterior			
Taper	Tip	23 mm	27 mm
.08	25		
.06	30	822-3864	822-7864
.04	40		

TF Files – Procedure Pack – Posterior			
Taper	Tip	23 mm	27 mm
.08	25		
.06	25	822-3866	822-7866
.06	30		

TF Files – Pack of 3			
Taper	Tip	23 mm	27 mm
.12	25	822-2253	
.10	25	822-0253	822-0257
.08	25	822-8253	822-8257
.06	35	822-6353	822-6357
.06	30	822-6303	822-6307
.06	25	822-6253	822-6257
.04	50	822-4503	822-4507
.04	40	822-4403	822-4407
.04	25	822-4253	822-4257

TF Files – Small Apical Ass.		
Taper	Tip	23 mm
.08	25	
.06	30	822-8663
.06	35	

TF Files – Large Apical Ass.		
Taper	Tip	23 mm
.06	30	
.06	35	822-6643
.04	40	

TF Files – Small Assorted			
Taper	Tip	23 mm	27 mm
.08	25		
.06	25	822-4683	822-4687
.04	25		

TF Files – Large Assorted			
Taper	Tip	23 mm	27 mm
.10	25		
.08	25	822-6803	822-6807
.06	25		

## K-Flex™ Files



### Stainless steel files

K-Flex™ Files feature a unique rhomboid design, which provides a short axis for flexibility while maintaining cross-sectional strength. K-Flex is more flexible than conventional “K” files of comparable size, particularly in sizes #30 and above, which facilitates the negotiation of curved canals and their preparation with minimal potential for ledging and perforating.



K-Flex files — Pack of 6			
Size	21 mm	25 mm	30 mm
80		15174E	15258E
70		15170E	15254E
60	15334E	15166E	15250E
55	15330E	15162E	15246E
50	15326E	15158E	15242E
45	15322E	15154E	15238E
40	15318E	15150E	15234E
35	15314E	15146E	15230E
30	15310E	15142E	15226E
25	15306E	15138E	15222E
20	15302E	15134E	15218E
15	15298E	15130E	15214E
10	15294E	15126E	15210E
08	15290E	15122E	15206E
06	60120E	60144E	60193E

## K-Files™



### Stainless steel files

K-Files can bypass obstructions with ease. They are designed to provide a smooth tactile feel during instrumentation.



K-Files — Pack of 6			
Size	21 mm	25 mm	30 mm
80		06099E	06170E
70	06024E	06085E	06166E
60	06023E	06077E	06163E
55	06022E	06076E	06162E
50	06021E	06075E	06161E
45	06020E	06074E	06160E
40	06019E	06069E	06159E
35	06016E	06067E	06157E
30	06015E	06066E	06156E
25	06014E	06065E	06155E
20	06005E	06064E	06153E
15	06004E	06063E	06152E
10	06003E	06062E	06151E
08	14127E	14128E	14129E
06	62249E	62250E	62251E

K-Files — Assorted files — Pack of 6			
Size	21 mm	25 mm	30 mm
15 – 40	821-8021E	821-8025E	821-8030E
45 – 70	61363E		
45 – 80	821-8121E	821-8125E	821-8130E



## Triple-Flex Files



### Stainless steel files

Triple-Flex Files are triangular-bladed, stainless steel instruments designed for flexibility with integrity. Triple-Flex Files are highly breakage resistant, even in the most stressful situations.



## Hedstrom™ Files



### Stainless steel files

Hedstrom Files are ground from stainless steel wire. The flute depth increases with the taper, creating a sharper, more flexible instrument.



Triple-Flex Files — Pack of 6

Size	21 mm	25 mm	30 mm
80	25941E	25957E	25973E
70	25940E	25956E	25972E
60	25939E	25955E	25971E
55	25938E	25954E	25970E
50	25937E	25953E	25969E
45	25936E	25952E	25968E
40	25935E	25951E	25967E
35	25933E	25949E	25965E
30	25932E	25948E	25964E
25	25931E	25947E	25963E
20	25930E	25946E	25962E
15	25929E	25945E	25961E
10	25928E	25944E	25960E
08	25927E	25943E	25959E

Hedstrom files — Pack of 6

Size	21 mm	25 mm	30 mm
80	61684E	61702E	61720E
70	12796E	11354E	13278E
60	12793E	11353E	12841E
55	12790E	11352E	12838E
50	12787E	11351E	12835E
45	12784E	11350E	12832E
40	12781E	11349E	12829E
35	12778E	11348E	12826E
30	12775E	11347E	12823E
25	12772E	11346E	12820E
20	12769E	11345E	12817E
15	12766E	11344E	12814E

Triple-Flex Files — Assorted files — Pack of 6

Size	21 mm	25 mm	30 mm
15 — 40	821-3021E	821-3025E	821-3030E
45 — 80	821-3121E	821-3125E	821-3130E

Hedstrom files — Assorted files — Pack of 6

Size	21 mm	25 mm	30 mm
15 — 40	12809E	11359E	13291E
45 — 80	12810E	11360E	13292E

# Reamers

## Stainless steel files

Reamers are high-quality, triangular-bladed, stainless steel instruments designed to provide flexibility with integrity.



Reamers – Pack of 6			
Size	21 mm	25 mm	30 mm
80			61444E
70		61410E	61442E
60			61441E
45	06040E	06132E	61438E
40	06038E	06131E	61437E
35	06034E	06127E	61435E
30	06033E	06126E	61434E
25	06032E	06120E	61433E
20	06031E	06112E	
15	06030E	06111E	
10	06029E	06110E	
08	14133E	14134E	
06	62252E	62253E	

Reamers – Assorted files – Pack of 6		
Size	21 mm	25 mm
15–40		821-2025E

# K3™ Files

## Nickel titanium files

K3 is a third-generation asymmetric endodontic file system. Designed to remove debris quickly, efficiently and safely.

### K3 Files — Pack of 6

Taper	Tip	17 mm	21 mm	25 mm
.12	25	830-2257	830-2251	830-2255
.10	25	830-0257	830-0251	830-0255
.08	25	830-8257	830-8251	830-8255

### K3 Files — Pack of 6

Taper	Tip	21 mm	25 mm	30 mm
.06	60	825-6601	825-6605	825-6600
.06	55	825-6551	825-6555	825-6550
.06	50	825-6501	825-6505	825-6500
.06	45	825-6451	825-6455	825-6450
.06	40	825-6401	825-6405	825-6400
.06	35	825-6351	825-6355	825-6350
.06	30	825-6301	825-6305	825-6300
.06	25	825-6251	825-6255	825-6250
.06	20	825-6201	825-6205	825-6200
.06	15	825-6151	825-6155	825-6150
.04	60	825-4601	825-4605	825-4600
.04	55	825-4551	825-4555	825-4550
.04	50	825-4501	825-4505	825-4500
.04	45	825-4451	825-4455	825-4450
.04	40	825-4401	825-4405	825-4400
.04	35	825-4351	825-4355	825-4350
.04	30	825-4301	825-4305	825-4300
.04	25	825-4251	825-4255	825-4250
.04	20	825-4201	825-4205	825-4200
.04	15	825-4151	825-4155	825-4150
.02	45	825-2451	825-2455	825-2450
.02	40	825-2401	825-2405	825-2400
.02	35	825-2351	825-2355	825-2350
.02	30	825-2301	825-2305	825-2300
.02	25	825-2251	825-2255	825-2250
.02	20	825-2201	825-2205	825-2200
.02	15	825-2151	825-2155	825-2150

### K3 Files — Assorted — Pack of 6

Taper	Tip	21 mm	25 mm
.06	15-40	825-6021	825-6025
.04	15-40	825-4021	825-4025
.02	15-40	825-2021	825-2025

### K3 Files — Procedure Packs

Taper	Tip	Length	REF/Part No.
.10	25	17 mm	830-0621
.08	25		
.06	40		
.06	35	21 mm	
.06	30		
.06	25		830-0625
.10	25	17 mm	
.08	25		
.06	40		
.06	35	25 mm	
.06	30		830-0421
.10	25	17 mm	
.08	25		
.04	40		
.04	35	21 mm	
.04	30		830-0425
.04	25	17 mm	
.10	25		
.08	25		
.04	40	25 mm	
.04	35		830-0425
.04	30		
.04	25		

### K3 VTVT

Taper	Tip	21 mm	25 mm
.10	25	830-7721	830-7725
.08	25		
.06	35		
.04	30		
.06	25		
.04	20		

### K3 G Package

Taper	Tip	Length	REF/Part No.
.12	25	17 mm	830-9921
.10	25		
.08	25		
.06	25	21 mm	
.04	25		
.02	25		830-9925
.12	25	17 mm	
.10	25		
.08	25		
.06	25	25 mm	
.04	25		
.02	25		

# K3™ XF

## Rotary nickel titanium files

The K3 XF rotary nickel titanium files afford flexibility and resistance to cyclic fatigue thanks to proprietary R-Phase™ Technology. K3 XF is available as a complete system with matching gutta-percha and paper point.

K3XF — Pack of 6					
Taper	Tip	17 mm	21 mm	25 mm	30 mm
.12	40	823-2407	823-2401	823-2405	823-2400
.12	30	823-2307	823-2301	823-2305	823-2300
.12	25	823-2257	823-2251		
.12	20	823-2207	823-2201	823-2205	
.10	40	823-0407	823-0401	823-0405	823-0400
.10	30		823-0301	823-0305	823-0300
.10	25	823-0257	823-0251	823-0255	823-0250
.10	20	823-0207	823-0201	823-0205	823-0200
.08	40	823-8407	823-8401	823-8405	823-8400
.08	30	823-8307	823-8301	823-8305	823-8300
.08	25	823-8257	823-8251	823-8255	823-8250
.08	20	823-8207	823-8201	823-8205	823-8200

K3XF — Pack of 6				
Taper	Tip	21 mm	25 mm	30 mm
.06	60	823-6601	823-6605	823-6600
.06	55	823-6551	823-6555	823-6550
.06	50	823-6501	823-6505	823-6500
.06	45	823-6451	823-6455	823-6450
.06	40	823-6401	823-6405	823-6400
.06	35	823-6351	823-6355	823-6350
.06	30	823-6301	823-6305	823-6300
.06	25	823-6251	823-6255	823-6250
.06	20	823-6201	823-6205	823-6200
.06	15		823-6155	823-6150
.04	60	823-4601	823-4605	823-4600
.04	55	823-4551	823-4555	823-4550
.04	50	823-4501	823-4505	823-4500
.04	45	823-4451	823-4455	823-4450
.04	40	823-4401	823-4405	823-4400
.04	35	823-4351	823-4355	823-4350
.04	30	823-4301	823-4305	823-4300
.04	25	823-4251	823-4255	823-4250
.04	20	823-4201	823-4205	823-4200
.04	15		823-4155	823-4150

K3XF — Pack of 6			
Taper	Tip	21 mm	25 mm
.06	15-40	823-6021	823-6025
.04	15-40	823-4021	823-4025

K3XF — Procedure Packs			
Taper	Tip	Length	REF/Part No.
.10	25	17 mm	823-0625
.08	25		
.06	40		
.06	35		
.06	30	25 mm	823-0425
.06	25		
.10	25	17 mm	
.08	25		
.04	40		823-0425
.04	35		
.04	30	25 mm	
.04	25		

K3XF G Package			
Taper	Tip	Length	REF/Part No.
.12	25	17 mm	823-9925
.10	25		
.08	25		
.06	25	25 mm	
.04	25		
.02	25		

## Autofit Paper Points

Developed by Dr. L. Stephen Buchanan, the Autofit Paper Points are an integral part of the Autofit system. The tapers of various sizes are colour-coded for easy identification and will fit perfectly into greater taper preparations.



Autofit Paper Points

Standard Sizes	REF/Part No.
No. 15 – Pack of 200	13971
No. 20 – Pack of 200	13972
No. 25 – Pack of 200	13973
No. 30 – Pack of 200	13974
No. 35 – Pack of 200	13975
No. 40 – Pack of 200	13976

Standard Sizes	REF/Part No.
No. 45 – Pack of 200	13977
No. 50 – Pack of 200	13978
No. 55 – Pack of 200	13979
No. 60 – Pack of 200	13980
No. 80 – Pack of 200	13982

Non-Standard Sizes	REF/Part No.
Xtra-fine – XF – Pack of 200	13966
Fine – F – Pack of 200	13967
Medium – M – Pack of 200	13968
Course – C – Pack of 200	13969
Xtra-course – XC – Pack of 200	13970
Assorted – XF, F, M, C – Pack of 200	13965

## Soft-Core™

Carrier-based Soft-Core™ obturators are 30% thinner, allowing greater flexibility to navigate curved canals. A thinner core also means more gutta-percha for denser fills every time. With just one universal taper size, the Soft-Core simplifies carrier inventory.

The Soft-Core™ is made from alpha phase gutta-percha and offers exceptional flow properties, adhesion and improved sealing.



Soft-Core™ Oven

Soft-Core™ Oven	REF/Part No. 972-3002
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The Soft-Core oven provides a simple and consistent method for the simultaneous heating of up to 4 Soft-Core obturators.

Soft-Core™ Obturator – Pack of 6	REF/Part No.
Soft-Core Obturator – No. 20	972-3020
Soft-Core Obturator – No. 25	972-3025
Soft-Core Obturator – No. 30	972-3030
Soft-Core Obturator – No. 35	972-3035
Soft-Core Obturator – No. 40	972-3040
Soft-Core Obturator – No. 45	972-3045
Soft-Core Obturator – No. 50	972-3050
Soft-Core Obturator – No. 55	972-3055
Soft-Core Obturator – No. 60	972-3060

Soft-Core™ Obturator – Economy Pack of 36	REF/Part No.
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Soft-Core Obturator – No. 20	972-3120
Soft-Core Obturator – No. 25	972-3125
Soft-Core Obturator – No. 30	972-3130
Soft-Core Obturator – No. 35	972-3135
Soft-Core Obturator – No. 40	972-3140
Soft-Core Obturator – No. 50	972-3150

Soft-Core™ Verifier – Pack of 6	REF/Part No.
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Soft-Core Verifier – No. 20	972-3220
Soft-Core Verifier – No. 25	972-3225
Soft-Core Verifier – No. 30	972-3230
Soft-Core Verifier – No. 35	972-3235
Soft-Core Verifier – No. 40	972-3240
Soft-Core Verifier – No. 45	972-3245
Soft-Core Verifier – No. 50	972-3250
Soft-Core Verifier – No. 55	972-3255
Soft-Core Verifier – No. 60	972-3260



# Irrigation Probe

## Irrigation needles

Irrigation Probes are irrigation needles with a side opening and rounded tips, designed for gentle, professional irrigation of root canals, wounds and periodontal pockets without the risk of apex perforation or tissue damage.



Irrigation Probe

Irrigation Probe — Refills	REF/Part No.
Gauge No. 21 Ø 0.8 mm Green (0.8 mm x 25 mm), 40 pcs	0502
Gauge No. 23 Ø 0.6 mm Blue (0.6 mm x 25 mm), 40 pcs	0503
Gauge No. 25 Ø 0.5 mm Orange (0.5 mm x 25 mm), 40 pcs	0504
Gauge No. 30 Ø 0.3 mm Yellow (0.3 mm x 25 mm), 40 pcs	0505

## 2.4 Obturation/fill

### elements™ IC

#### Cordless Obturation System



The cordless elements™ IC is the latest complete and reliable obturation system that combines a Downpack heat source with a Backfill extruder. Get excellent, predictable results faster and easier: rely on its longer lasting battery (compared to elementsfree, Data on File), inductive charging, and a comfortable, ergonomic design



#### Easy to use

feel free and comfortable without wires



#### Ergonomic

comfortable and balanced grip



#### Inductive Charging:

no electrical connectors between handpieces and base



**At least 16 canals on a single charge of the Backfill** at device default temperature, using recommended settings (more than double compared to elementsfree)<sup>1</sup>



#### 3D fill

high-quality 3D obturation of the root canal system



#### Less idle time thanks to faster extrusion<sup>2</sup>

control how fast you want the Gutta Percha to flow out of the cartridge



#### Compatible with most common cleaning solutions

handpieces are easy to clean with no electronic connections



#### Full charge less than 3 hrs

get ready faster



#### Easy to replace battery

control your battery with a simple and fast operation





## Downpack

The Downpack device provides fast heating of the heat plugger with precisely controlled temperature and timing, making it suitable for single-motion downpack obturation of the apical portion of the root canal.

- **Total control of the procedure**  
adjustable heating range from 140°C to 400°C
- **Ready when you are**  
heats to 200°C in less than 0.5 seconds
- **Comfort without compromises**  
360° activation ring



## Backfill

The ergonomic Backfill device features a motorized extruder system for precise temperature and speed control for a 3D obturation of the root canal system, utilizing single-use gutta percha cartridges.

- **Plan and control your procedure**  
gutta percha level indicator
- **Cinicians' comfort**  
aerogel insulation surrounds the heating element
- **Control the gutta percha flow**  
customizable motor speed for a reduced extrusion time\*
- **Adjustable temperature range**  
from 100°C to 230°C
- **Reduced extrusion time**  
at least 20% compared to elementsfree\*

1. more than double compared to elementsfree, Data on File

2. Compared to elementsfree, Data on File

elements™IC – EU / Type F	REF/Part No.
elementsIC – Obturation System (EU)	973-0600-TYPEF
elementsIC – Downpack Unit (EU)	973-0602-TYPEF
elementsIC – Backfill Unit (EU)	973-0604-TYPEF

elements™IC – UK / Type G	REF/Part No.
elementsIC – Obturation System (UK)	973-0600-TYPEG
elementsIC – Downpack Unit (UK)	973-0602-TYPEG
elementsIC – Backfill Unit (UK)	973-0604-TYPEG

elements™IC – Accessories and Spares	REF/Part No.
elementsIC – Dual Charger	973-0610
elementsIC – Single Charger	973-0612
elementsIC – Transformer	973-0615
elementsIC – Power Cord, Type F (EU)	973-0616-TYPEF
elementsIC – Power Cord, Type G (UK)	973-0616-TYPEG
elementsIC – Battery	973-0620
Buchanan Heat Pluggers (XF, F, FM, M, ML)	952-0003
Buchanan Heat Plugger Fine .06 Taper	952-0004
Buchanan Heat Plugger Fine Medium .08 Taper	952-0005
Buchanan Heat Plugger Medium .10 Taper	952-0006
Buchanan Heat Plugger Medium/Large .12 Taper	952-0007
Buchanan Heat Plugger Extra Fine .04 Taper	952-0031

# Elements™ Gutta Percha Cartridges

## Innovative Gutta Percha cartridges

Compatible with the Elements Obturation and elements™free systems, each cartridge contains enough gutta percha to fill up to four canals. The specially designed, highly durable needle can be pre-bent to fit the patient’s canal anatomy. Moreover, being 5 mm longer gives the user greater ability to reach the working length of the canal.

The unique copper or gold plating conducts heat more efficiently, reducing the risk of the gutta-percha losing heat as it passes through the needle and into the canal chamber.



Elements Gutta Percha Cartridge

Elements™ Gutta Percha Cartridges	REF/Part No.
Elements Gutta Percha Cartridge Medium 23GA - Copper - Pack of 10	972-2500
Elements Gutta Percha Cartridge Light 25GA - Copper - Pack of 10	972-2501
Elements Gutta Percha Cartridge Heavy 23GA - Copper - Pack of 10	972-2502
Elements Gutta Percha Cartridge Medium 23GA - Gold - Pack of 10	972-1002
Elements Gutta Percha Cartridge Light 25GA - Gold - Pack of 10	972-1003
Elements Gutta Percha Cartridge Heavy 23GA - Gold - Pack of 10	972-1005

# Buchanan Hand Plugger

These high-quality pluggers are shaped to closely match the final root canal preparation. This maximises condensation forces on the softened obturation material without placing undue stress on the root canal system.

Featuring both a tapered NiTi end and a stainless steel end, Buchanan hand pluggers can be used in all common obturation techniques, including warm and cold condensation. The pluggers are also ideal for back-filling canals. The colour-coded NiTi end can be used for finishing condensation procedures, even in the most radically curved canals. Both ends condense and control the gutta-percha.



Buchanan Hand Plugger 0



Buchanan Hand Plugger 1



Buchanan Hand Plugger 2

Buchanan Hand Plugger	REF/Part No.
Buchanan Hand Plugger 0	974-0060
Buchanan Hand Plugger 1	974-0058
Buchanan Hand Plugger 2	974-0059

## K3™ Gutta-Percha

Made specifically for use with K3 files.

K3 Gutta-Percha — Pack of 50		
Taper	Tip	REF/Part No.
.06	45	825-0645
.06	40	825-0640
.06	35	825-0635
.06	30	825-0630
.06	25	825-0625
.06	20	825-0620
.06	20-40	825-0600
.06	Feather Tip	825-0048

K3 Gutta-Percha — Pack of 50		
Taper	Tip	REF/Part No.
.04	45	825-0445
.04	40	825-0440
.04	35	825-0435
.04	30	825-0430
.04	25	825-0425
.04	20	825-0420
.04	20-40	825-0400
.04	Feather Tip	825-0047



K3 Gutta-Percha

## Autofit Gutta-Percha

Made specifically for use with the Autofit system.

Autofit Gutta-Percha — Pack of 50	
Taper	REF/Part No.
.04	972-0101
.06	972-0102
.08	972-0103
.10	972-0104
.12	972-0105
.12	972-0107
Assorted .06 — .12	972-0100

Autofit Gutta-Percha — Pack of 100	
Size	REF/Part No.
Fine - Fine	952-0010
Medium - Fine	952-0011
Fine	952-0012
Fine - Medium	952-0013
Medium	952-0014
Medium - Large	952-0015
NON-STD L	952-0016

Autofit Backfill Gutta-Percha — Pack of 60	
Size	REF/Part No.
Fine	972-0020
Fine - Medium	972-0021
Medium	972-0022
Medium - Large	972-0023

## TF Gutta-Percha points

For use with the TF rotating NiTi files.

TF Gutta-Percha points — Pack of 50		
Taper	Tip	REF/Part No.
.12	25	822-1225
.10	25	822-1025
.08	25	822-0825
.06	25	822-0625
.04	25	822-0425
.04-.12	25	822-0010
.04-.06	25-50	822-0020

TF Apical Gutta-Percha points — Pack of 50		
Taper	Tip	REF/Part No.
.06	30	822-0630
.06	35	822-0635
.04	40	822-0440
.04	50	822-0450



## Sealapex™

Sealapex™ is the original eugenol-free root canal sealant based on calcium hydroxide, which promotes rapid healing and the formation of hard tissue.

<b>Sealapex™</b>	<b>REF/Part No. 18432</b>
1 x Sealapex Base, 1 x Sealapex Accelerator, 1 x Mixing Pad	
<b>Sealapex™ — Bulk Pack</b>	<b>REF/Part No. 18598</b>
24 x Sealapex Base, 24 x Sealapex Accelerator, 6 x Mixing Pad	
<b>Sealapex™ Xpress</b>	<b>REF/Part No. 33639</b>
2 x 10.5 g Dual Delivery Syringe, 10 x Mixing Tips	



Sealapex™ Xpress

## Tubli-Seal™

Tubli-Seal™ is a paste/paste zinc oxide eugenol root canal sealant. It is light in colour, non-darkening and radiopaque.

Tubli-Seal™ EWT offers all the benefits of Tubli-Seal but with a longer processing time.

<b>Tubli-Seal™</b>	<b>REF/Part No. 00340</b>
1 x Tubli-Seal Base, 1 x Tubli-Seal Accelerator, 1 x Mixing Pad	
<b>Tubli-Seal™ EWT</b>	<b>REF/Part No. 25903</b>
1 x Tubli-Seal EWT Base, 1 x Tubli-Seal EWT Accelerator, 1 x Mixing Pad	
<b>Tubli-Seal™ Xpress</b>	<b>REF/Part No. 33640</b>
2 x 10.5 g Dual Delivery Syringe, 10 x Mixing Tips	
<b>Tubli-Seal™ EWT Xpress</b>	<b>REF/Part No. 33641</b>
2 x 10.5 g Dual Delivery Syringe, 10 x Mixing Tips	



Tubli-Seal™



Tubli-Seal™ EWT Xpress

# Pulp Canal Sealer™

Pulp Canal Sealer™ is a zinc oxide eugenol sealant with a powder base and liquid catalyst. The formula is non-irritating and radiopaque.

Pulp Canal Sealer EWT offers a processing time in excess of 6 hours.

Pulp Canal Sealer™ — Standard Pack		REF/Part No. 24875
1 x Pulp Canal Sealer Liquid, 1 x Pulp Canal Sealer Powder, 2 x Mixing Spoon		
Pulp Canal Sealer™ EWT — Standard Pack		REF/Part No. 24746
24 x Sealapex Base, 24 x Sealapex Accelerator, 6 x Mixing Pad		
Pulp Canal Sealer™ — Refills		REF/Part No.
Pulp Canal Sealer Bulk Liquid Refill — 4 pcs		24873
Pulp Canal Sealer Bulk Powder Refill — 4 pcs		24745
Pulp Canal Sealer EWT Bulk Powder Refill — 4 pcs		24874



Pulp Canal Sealer™



Pulp Canal Sealer™ EWT

# Simplify your day.

The Kerr Restoratives range originates from a strong resolve to provide solutions that can complement the skills of the practitioner throughout a restorative treatment.

The range leverages a history of clinical success to create reliable outcomes and industry-defining innovations through unique solutions, such as:

- The next generation aesthetic composite with outstanding handling and light reflection properties, Harmonize™
- The first permanent cement with a colour clean-up indicator, Maxcem Elite™ Chroma
- The universal bonding agent derived from decades of gold standard adhesion, OptiBond™ eXTRa Universal

Choosing Kerr Restoratives means relying on a complete suite of direct, indirect and laboratory products, from impression to final polish, that are designed to work together, and create a safe and comfortable experience for the user and the patient.

## A focus on aesthetics



Aesthetic results are not limited to cosmetic dentistry. Any patient leaving the dental office expects to feel good about their final appearance.

And while individual products can help improve outcomes, truly aesthetic success stems from a coordinated action by each product used in a procedure, from the smallest matrix to the most powerful curing light.

For each step, Kerr Restoratives offers some of the leading products available on the market. These solutions work together in harmony and can make any restoration simpler and more predictable, as well as beautiful to look at.

## 3.1 X-rays holders — Film and phosphor plate holders

# X-ray Film and Phosphor Plate Holders Testset

## X-ray holders assortment

The X-Ray Film and Phosphor Plate Holders by Kerr provide exact positioning of the film or phosphor plate relative to the tooth – without bending or distorting.

All Kerr film and phosphor plate holders are autoclavable at 134 °C for at least 3 minutes.

### X-ray Film and Phosphor Plate Holders Testset

REF/Part No. 1720

6 X-ray holders with Ring (1 Kwik-Bite, 1 Super-Bite Anterior, 1 Super-Bite Posterior, 1 Paro-Bite, 1 Endo-Bite Anterior, 1 Endo-Bite Posterior), 6 Centring Devices.

## Kwik-Bite™

### X-ray holders for horizontal bite wings

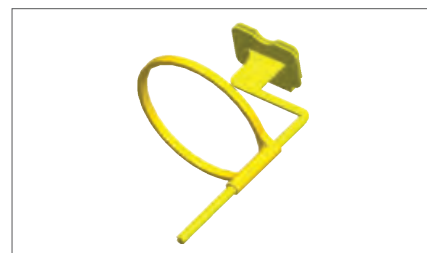
The Kwik-Bite™ is a film and phosphor plate holder for horizontal bite wings (standard bite wings). For assessing approximal caries, overhangs and gaps, crown margins and calculus in the interdental spaces, and also the state of the alveolar ridge.

#### Compatibility

The Kwik-Bite is compatible with the most commonly used X-ray film formats (1, 2, 3). The Kwik-Bite with Ring is also suitable for indirect digital systems. It is compatible with all major brands of phosphor plate sensors.



Kwik-Bite with Index



Kwik-Bite with Ring

### Kwik-Bite with Ring

REF/Part No. 1780

5 Kwik-Bite with Ring, 1 Centring Device

### Kwik-Bite with Index

REF/Part No. 270

15 Kwik-Bite with index



# Super-Bite™

## X-ray holders for periapical radiographs

The Super-Bite™ is a film and phosphor plate holder indicated for periapical radiographs of anterior and posterior teeth. The system includes two types of holder – anterior (green) and posterior (red) – for use in all four quadrants.

### Compatibility

The Super-Bite with Ring is also suitable for indirect digital systems. It is compatible with all major brands of phosphor plate sensors.

#### Super-Bite with Ring Assorted Kit

REF/Part No. 1020

2 Super-Bite Anterior, 2 Super-Bite Posterior, 2 Centring Devices

#### Super-Bite with Ring Refill Packs

REF/Part No.

4 Super-Bite Anterior with Ring, 1 Centring Device

1021

4 Super-Bite Posterior with Ring, 1 Centring Device

1022

#### Super-Bite with Index Assorted Kit

REF/Part No. 670

4 Super-Bite Anterior, 4 Super-Bite Posterior, 8 Index

#### Super-Bite with Index Refill Packs

REF/Part No.

8 Super-Bite Anterior, 8 Index

671

8 Super-Bite Posterior, 8 Index

672



Super-Bite Anterior



Super-Bite Posterior

# Endo-Bite™

## X-ray holders for diagnostic X-rays

The Endo-Bite™ is a special film and phosphor plate holder for diagnostic X-rays of root canal instruments during endodontic treatment, checks on root fillings, as well as inserted pins and screws, and for general use when the bite is blocked (e.g. rubber dam clamps). The system includes two types of holder – anterior (green) and posterior (red) – for use in all four quadrants.

### Compatibility

The Endo-Bite is also suitable for indirect digital systems. It is compatible with all major brands of phosphor plate sensors.

#### Endo-Bite with Ring Assorted Kit

REF/Part No. 1790

2 Endo-Bite Anterior with Ring, 2 Endo-Bite Posterior with Ring, 2 Centring Devices

#### Endo-Bite with Ring Refill Packs

REF/Part No.

4 Endo-Bite Anterior with Ring, 1 Centring Device

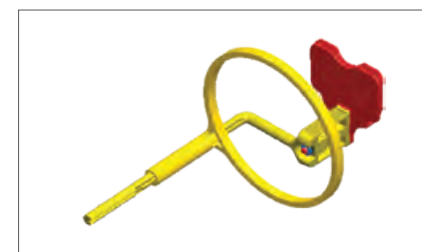
1791

4 Endo-Bite Posterior with Ring, 1 Centring Device

1792



Endo-Bite Anterior



Endo-Bite Posterior

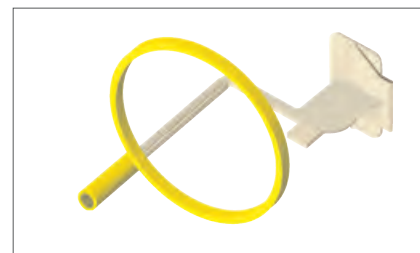
## Paro-Bite™

### X-ray for perio patients and children

The Paro-Bite™ is a special film holder for assessing the bone level in perio patients and support zones in children (vertical bite wing). It guarantees radiographs without overlaps and therefore eliminates the need for repetition and unnecessary exposure to X-rays. A direct comparison of radiographs over the years can be made for the same patient.

#### Compatibility

The Paro-Bite™ is compatible with all major brands of phosphor plate sensors.



Paro-Bite with Ring

#### Paro-Bite with Ring

REF/Part No. 1770

5 Paro-Bite with Ring, 1 Centring Device

## 3.1 X-rays holders — Sensor holders for direct digital imaging

## Testset Sensor Holder System

### X-ray sensor holders

The Kwik-Bite Senso, Super-Bite Senso and the Endo-Bite Senso are designed to ensure superior quality and consistent repeatability in the direct digital imaging of bite wing, periapical and endodontic radiographs.

All Kerr sensor holders accept sensor sizes 0–2 and accommodate all X-ray tubes. Autoclavable at 134 °C, at least 3 min.



Testset Sensor Holder System

#### Testset Sensor Holder System

REF/Part No. 2720

5 sensor holders with Ring (1 Kwik-Bite Senso, 1 Super-Bite Senso Anterior, 1 Super-Bite Senso Posterior, 1 Endo-Bite Senso Anterior, 1 Endo-Bite Senso Posterior), 5 Centring Devices

## Kwik-Bite™ Senso

### Universal sensor holder for horizontal bite wings

The Kwik-Bite™ Senso is a universal sensor holder for direct digital imaging of horizontal bite wings. For the patient, the Kwik-Bite Senso offers greater comfort thanks to its optimised bite plate (2.5 mm). The rubber-covered clamps prevent slippage, while a frictionless cogwheel segment enables individual adaptation. The ergonomic release button allows safe removal and quick reuse.

#### Compatibility

Thanks to its self-centring clamping device, the Kwik-Bite Senso is compatible with all commonly used brands, types and sizes of sensors.



Kwik-Bite Senso

#### Kwik-Bite Senso Standard Kit

REF/Part No. 2700

4 Kwik-Bite Senso with Ring, 1 Centring Device

# Super-Bite™ Senso

## Universal sensor holder for periapical radiographs

The Super-Bite™ Senso is a universal sensor holder system for direct digital imaging of periapical radiographs. The system includes two types of holder – anterior (green) and posterior (red) – for use in all four quadrants. Its fixed apical stop guarantees complete visibility of the apical region. The unlocking knob secures sensor firmly in place. Its design eliminates tearing of infection control bag or barrier cover.

### Compatibility

Thanks to its adjustable clamping device, the Super-Bite Senso can accommodate any brand, type or size of sensor with or without cabling.

#### Super-Bite Senso Assorted Kit

REF/Part No. 2800

2 Super-Bite Senso Anterior with Ring, 2 Super-Bite Senso Posterior with Ring, 2 Centring Devices

#### Super-Bite Senso Anterior Refill

REF/Part No. 2801

4 Super-Bite Senso Anterior with Ring, 1 Centring Device

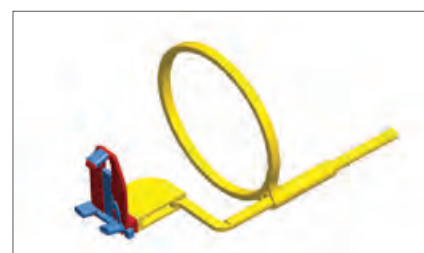
#### Super-Bite Senso Posterior Refill

REF/Part No. 2802

4 Super-Bite Senso Posterior with Ring, 1 Centring Device



Super-Bite Senso Anterior



Super-Bite Senso Posterior

# Endo-Bite™ Senso

## Universal sensor holder for endodontic radiographs

The Endo-Bite™ Senso is a universal sensor holder for direct digital imaging of endodontic radiographs. The system includes two types of holder – anterior (green) and posterior (red) – for use in all four quadrants.

The fixed apical stop guarantees complete visibility of the apical region.

### Compatibility

Thanks to its clamping, the device Endo-Bite Senso is compatible with all commonly used brands, types and sizes of sensors.

#### Endo-Bite Senso Assorted Kit

REF/Part No. 2900

2 Endo-Bite Senso Anterior with Ring, 2 Endo-Bite Senso Posterior with Ring, 2 Centring Devices

#### Endo-Bite Senso Anterior Refill

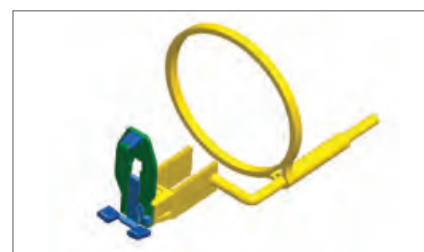
REF/Part No. 2901

4 Endo-Bite Senso Anterior with Ring, 1 Centring Device

#### Endo-Bite Senso Posterior Refill

REF/Part No. 2902

4 Endo-Bite Senso Posterior with Ring, 1 Centring Device



Endo-Bite Senso Anterior



Endo-Bite Senso Posterior

3.1 X-rays holders — Accessories

Centring Devices for X-rays

For film holders, phosphor plate holders and sensor holders

The X-ray dental centring devices for film holders, phosphor plate holders and sensor holders are made of plastic thermoforming material. They are multiple-use, highly radio-transparent devices for accurate placement of X-ray tubes and precise imaging.

X-ray Centring Devices Refill	REF/Part No.
Super-Bite Anterior Centring Devices, Pack of 20	1023
Super-Bite Posterior Centring Devices, Pack of 20	1024
Kwik-Bite/Paro-Bite Centring Devices, Pack of 20	1781
Endo-Bite Anterior Centring Devices, Pack of 20	1793
Endo-Bite Posterior Centring Devices, Pack of 20	1794
Mixed Set of Centring Devices, Pack of 20	1795



Super-Bite Centring Devices



Kwik-Bite Centring Devices



Endo-Bite Centring Devices

Kerr X-ray Centring Rings

Centring rings to be used for all film holders, phosphor plate holders and sensor holders.

Kerr X-ray Centring Rings	REF/Part No. 1721
Pack of 3	



Kerr X-ray Centring Rings

# X-rays holder guide

## Film and phosphor plate holders

## Sensor holders

	<b>Kwik-Bite</b> Horizontal Bite wings	<b>Super-Bite</b> Periapical	<b>Endo-Bite</b> Endodontics	<b>Paro-Bite</b> Vertical Bite wings	<b>Kwik-Bite Senso</b> Horizontal Bite wings	<b>Super-Bite Senso</b> Periapical	<b>Endo-Bite Senso</b> Endodontics
<b>X-Ray film</b>	✓	✓	✓	✓			
<b>Phosphor plate</b> Borderless	✓	✓	✓	✓			
<b>Phosphor plate</b> Bordered	✓	✓	✓	✓			
<b>Sensor</b> Wired and wireless					✓	✓	✓
<b>Centring device*</b>	✓	✓	✓	✓	✓	✓	✓
<b>Testset</b>		✓				✓	

\* Centring devices are used in combination with holders with Ring only for rectangular tubes and small round tubes ( $\varnothing \leq 5$  cm).

The centring devices facilitate a perfect adjustment of these tubes. With standard round tubes ( $\varnothing \approx 6$  cm) there is no need for centring devices.



## 3.2 Toothpaste

### Cleanicident™

#### Toothpaste with whitening effect

Cleanicident™ is a toothpaste that boasts its whitening effect thanks to Perlite, the same technology employed by the market leading prophylaxis paste Cleanic™.

Thanks to the Perlite, a cleansing substance which effectively eliminates stains, deposits and dental film, this special paste has built-in variable abrasion and ensures cleaning power against stains and non-mineralised deposits, which are mainly caused by the consumption of tobacco, tea, coffee and red wine.

Cleanicident is recommended to be used for personal dental hygiene 3-5 times a week in addition to regular toothpaste.

A professional solution that patients can use at home to extend the benefits of a professional tooth cleaning.

- **Whitout preservatives**
- **Contains sodium fluoride (1000 ppm Fluoride)**
- **RDA 39**



Cleanicident - Toothpaste with whitening effect

REF/Part No. 3400WE

40 ml Tube

### 3.3 Products with Chlorhexidine

## PlakACT™

Your ally in oral health!

PlakACT line is indicated for the integration into a normal hygiene routine, by preventing bacterial deposits (plaque) on the surface of the teeth and mucous membranes, keeping them in good condition. Acts as a mouthwash, oral spray or gel exactly where you want it and with the intensity you want. Its three types of applications can be used at home and in the dental practice. Inspired by proven formulations available in the Swiss market for 40 years.

## PlakACT™ Gel

Gums Protection Gel – 0.2% Chlorhexidine

Whenever you want a prolonged presence and a lasting effect.

PlakACT Gel is indicated for intensive anti-plaque action, in particular:

- Before and after any dental treatment including periodontal surgery
- In case of problems with periodontal and gingival tissues

PlakACT Gel is also recommended for the daily hygiene of removable prostheses and orthodontic appliances, which may lead to increased plaque accumulation and gums irritation, thus controlling the unpleasant odor sometimes caused by the devices themselves.

- Thanks to its gel formulation, it stays in place without flowing away
- It does not contain alcohol.
- It leaves a pleasant sensation of freshness in the mouth.

PlakACT Gel can be applied to the entire dental arch by using the dispenser nozzle that allows precise distribution without dispersion of the gel.



PlakACT Gel - 33g Tube



PlakACT Gel - 20x 5g Tubes

PlakACT Gel - Gums Protection Gel – 0.2% Chlorhexidine	REF/Part No.
PlakACT Gel - 33g Tube	8550
PlakACT Gel - 20x 5g Tubes	8551

## PlakACT™ Spray

### Oral Spray – 0.1% Chlorhexidine

For targeted applications.

PlakACT Spray is an hydroalcoholic solution indicated for the topical treatment of the mucous membrane of the mouth and particularly in all situations in which the control of plaque formation, with normal mechanical oral hygiene, is difficult or impeded (e.g. surgical interventions, teeth extractions, implants, fixed prostheses, orthodontic appliances, and patients with physical or mental disabilities).

- Excellent adjunct in the control of halitosis of dental origin and in the protection of the mucous membranes of the oral cavity.
- Easy to use and precise: the dispenser nozzle allows to target the selected area spraying the pre-dosed quantity.
- Without propellants or dyes.



PlakACT Spray - 50ml Bottle

**PlakACT Spray – 0.1% Chlorhexidine**

**REF/Part No. 8560**

PlakACT Spray - 50ml Bottle

## PlakACT™ Mouthwash

### Mouthwash – 0.1% Chlorhexidine

The standard application form for normal hygiene routine.

PlakACT Mouthwash is an hydroalcoholic solution and is indicated in all situations where the control of plaque formation, with normal oral hygiene, is difficult or impeded (e.g. surgical interventions, teeth extractions, implants, fixed prostheses, orthodontic appliances, and patients with physical or mental disabilities).

Excellent adjunct in the control of halitosis of dental origin and in the protection of the mucous membranes of the oral cavity.

- Without dyes.
- Ready to use with dosing cap: for easy dispensing



PlakACT Mouthwash - 250ml Bottle

**PlakACT Mouthwash – 0.1% Chlorhexidine**

**REF/Part No. 8553**

PlakACT Mouthwash - 250ml Bottle

### 3.4 Oral prophylaxis workflow

## Prophy Box

### Convenient prophy solutions in one box

The KaVo Kerr Prophy Box contains a KaVo SMARTmatic prophylaxis instrument and complementary Kerr consumables to offer a comprehensive package based on the needs of each practice.

By combining the undisputed quality of the number 1 handpiece manufacturer, KaVo, with the strong heritage and materials knowledge that define Kerr, the German market leader in prophy pastes, dental practitioners can now experience peace of mind and efficiency from a single source.

With proven solutions designed to perfectly complement each other, you can rest assured that the combination of KaVo technology and Kerr consumables will always inspire you.

### Products included in the bundles:

- Kerr OptiView – Lip and cheek retractor
- KaVo SMARTmatic – Prophylaxis contra-angles
- Kerr Cleanic – One-step polishing paste
- Kerr Prophy-Clips
- Kerr Pro-Cups, Prophy Cups or PerfectPearl prophy angles



Prophy Box SMARTmatic PROPHY S31 - Screw-type	7500 BUN
Prophy Box SMARTmatic PROPHY S33 - Snap-on	7501 BUN
Prophy Box SMARTmatic S53 - Latch type	7502 BUN
Prophy Box SMARTmatic S19 - Prophy Angles	7503 BUN

## 3.5 Prophy pastes

### Cleanic™ in Tube

#### One-Step cleaning and polishing paste with perlite

Cleanic™ is the proven one-Step cleaning and polishing paste with integrated cleaning variability: during the initial seconds of use, the paste exerts a high cleaning power that converts into a gentle polishing action as the Perlite particles fragment.

This technology makes Cleanic a unique paste that combines high cleaning power, polishing of dental surfaces and gentleness on hard tissue. Cleanic is a paste for dental hard substances which may also be used on all denture materials. It features an RDA of 21 and is not made with gluten and lactose. Cleanic is available in five versions – Mint (with and without fluoride), Green Apple, Berry Burst and in a variant free of artificial colours and flavours.

Cleanic is offered in three different types of packaging: single dose, tube and jar



### Integrated abrasion variability

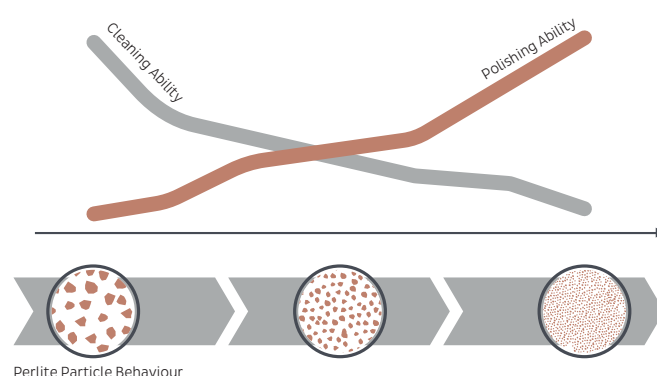
The volcanic perlite (natural silica) particles adapt their abrasiveness throughout your procedure.

#### Cleaning

When Cleanic is first applied to the tooth surface, it behaves like a coarse paste. This is when Cleanic's cleaning ability is in full force.

#### Polishing

Under load and within seconds, the abrasive particles are fractionated and their cutting edges become rounded and less blunt. At this point, the paste becomes effective for high-gloss polishing.



Cleanic™ in Tube — 100 g	REF/Part No.
Cleanic in Tube — Mint — With fluoride	3380
Cleanic in Tube — Green Apple — With fluoride — <b>Without menthol</b>	3382
Cleanic in Tube — Berry Burst — With fluoride	3386
Cleanic in Tube — Light — With fluoride — <b>Without artificial colourants and flavouring</b>	3384
Cleanic in Tube — Mint — <b>Without fluoride</b>	3183



# Cleanic™ in Jar and Single Doses

One-Step cleaning and polishing paste with perlite

Cleanic™ in Jar Refill Packs	REF/Part No.
Cleanic in Jar — With fluoride — 200 g	3310
Cleanic in Jar — With fluoride — 100 g	3330
Cleanic in Jar — Without fluoride — 200 g	3210
Cleanic in Jar — without fluoride — 100 g	3230
Cleanic™ Single Dose	REF/Part No. 3340
With fluoride — 200 individual portions (2 g), 3 Ring Pots.	



Cleanic in Jar



Cleanic Single Dose

# CleanPolish™ and SuperPolish™

Pastes containing pumice

**CleanPolish** is a cleaning prophy paste for cleaning natural teeth and metal fillings quickly, easily and effectively. It contains pumice as abrasive and it features an RDA value of 43.8.

**SuperPolish** is a paste for polishing both natural teeth and metal fillings. It contains alumina as abrasive and it features an RDA of 9.8. By using SuperPolish as the second step of a complete cleaning and polishing procedure delivers visual results which will impress even the most demanding patients and professionals.

Both CleanPolish and SuperPolish are without fluoride and anise flavoured. Not made with Gluten and Lactose.

CleanPolish™	REF/Part No. 360
50 g paste — Anise flavour — Without fluoride	
SuperPolish™	REF/Part No. 361
45 g paste — Anise flavour — Without fluoride	



CleanPolish™



SuperPolish™

# Paste Carriers

Available as single use or multiple use, these ergonomic prophy paste carriers are easy to fit to your finger, and have enough space/volume even for bigger amounts of paste (when/if needed).

Ring Pots - Not autoclavable	REF/Part No.
Ring Pots — Blue — Pack of 100	985
Ring Pots — Assorted Colours — Pack of 100	986
Prophy-Clips™ - Autoclavable	REF/Part No.
Prophy-Clips — Pack of 6	3151



Prophy-Clips™

3.6 Cleaning and Polishing Cups and Brushes

PerfectPearl™  
Disposable prophylaxis angles

Designed with a hygienist’s needs in mind, the PerfectPearl™ disposable prophylaxis angles were manufactured with the patented Pro-cup design. In addition to the exceptional interproximal access provided by the contra angle, the lip of the cup delivers a nice flare for optimal subgingival cleaning.

The spiral grooves on the inside of the patented cup design holds the prophylaxis paste and pushes it towards the tooth as the prophylaxis angle rotates, reducing splatter. In turn, the spiral grooves on the outside of the cup allow the use of both the inside and the outside of the cup to polish, which helps increase efficiency and may decrease chair-side time. Choice of soft or standard cups.

Not made with natural rubber latex.



PerfectPearl™ Classic – Soft Cup



PerfectPearl™ Midnight – Standard Cup





PerfectPearl	REF/Part No.
PerfectPearl Classic – Soft Cup – Pack of 144	1820
PerfectPearl Midnight – Standard Cup – Pack of 144	1821



# Pro-Cup™ & Pro-Cup™ Junior



## Prophy cups



The patented Pro-Cup™ range allows the economical, splash-free application of prophy paste. The lamellar inner and outer profile drives the prophy paste and saliva towards the edge of the cup on a helical principle, minimising splatter. Pro-Cup offers the optimal cleaning and polishing tool whatever the clinical situation and clinician's preferences.

Pro-Cup is not made with natural rubber latex.

Pro-Cup™ — Soft		REF/Part No.
	<b>Screw-type</b>	Pack of 120 1810/120
		Pack of 30 1810/30
	<b>Latch-type</b>	Pack of 120 990/120
		Pack of 30 990/30

Pro-Cup™ Junior — Soft		REF/Part No.
	<b>Screw-type</b>	Pack of 120 1812/120
		Pack of 30 1812/30
	<b>Latch-type</b>	Pack of 120 992/120
		Pack of 30 992/30


Pro-Cup™ — Hard		REF/Part No.
	<b>Screw-type</b>	Pack of 120 1811/120
		Pack of 30 1811/30
	<b>Latch-type</b>	Pack of 120 991/120
		Pack of 30 991/30

Pro-Cup™ Junior — Hard		REF/Part No.
	<b>Screw-type</b>	Pack of 30 1813/30
	<b>Latch-type</b>	Pack of 120 993/120
		Pack of 30 993/30

## Pro-Brush™

### Cleaning and polishing brush


Pro-Brush™ is a superior-quality tooth cleaning and polishing brush, easily recognisable by its blue biocompatible polymer cup. This polymer cup avoids scratches or damage to the adjacent teeth surfaces when they accidentally come into contact with the cup during the cleaning and polishing procedure.

Pro-Brush — Nylon Bristles		REF/Part No.
	<b>Latch-type</b>	Pack of 10 845 RA
		Pack of 100 845/100

## Miniature Brushes

### Miniature tooth cleaning and polishing brushes

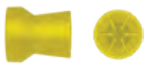

The smallest form of this type of brush, the Hawe Miniature Tooth Cleaning and Polishing Brushes are designed to be fitted to a contra-angle headpiece, loaded with prophylaxis paste and then used for cleaning/ polishing natural teeth as well as glass ionomer, composite or metallic fillings. Nylon brushes available.


Miniature Brushes — Nylon Bristles		REF/Part No.
	<b>Latch-type</b>	Pack of 10 835 RA
		Pack of 100 835/100



# Prophy Cups


## Programme for all needs



The Prophy Cup and Brush Programme comprises cups for all needs and indications.



Snap-On Cups — Laminated		REF/Part No.	
	<b>Soft</b> Ochre	Pack of 30	9005/30
		Pack of 120	9005/120
	<b>Firm</b> Orange	Pack of 30	9010/30
		Pack of 120	9010/120


Snap-On Mandrel for all Snap-On Brushes and Snap-On Cups		REF/Part No.	
	<b>Latch-type</b>	Pack of 3	976
		Pack of 10	976/10


Latch-type Cups — Ribbed		REF/Part No.	
	<b>Soft</b> Pink	Pack of 30	9007/30
	<b>Firm</b> Magenta	Pack of 30	9008/30


Latch-type Cups — With Brushes — Natural Bristles*		REF/Part No.	
	<b>Firm</b> White	Pack of 30	9009/30


Latch-type Cups — Laminated		REF/Part No.	
	<b>Soft</b> Light Green	Pack of 30	9006/30
		Pack of 120	9006/120
	<b>Firm</b> Forest Green	Pack of 30	9011/30
		Pack of 120	9011/120

Screw-type Cups — Laminated — Latex Free		REF/Part No.	
	<b>Soft</b> Light Grey	Pack of 30	9001/30
		Pack of 120	9001/120
	<b>Firm</b> Dark Grey	Pack of 30	9002/30
		Pack of 120	9002/120

Screw-type Cups — Ribbed — Latex Free		REF/Part No.	
	<b>Soft</b> Turquoise	Pack of 30	9000/30
		Pack of 120	9000/120

Screw-type Cups — Point		REF/Part No.	
	<b>Soft</b> Peach	Pack of 30	9003/30

Screw-type Cups — Spiral — Latex Free		REF/Part No.	
	<b>Soft</b> Violet	Pack of 30	9004/30

Screw-Type Mandrel for all screw-type products to latch-type		REF/Part No.	
	<b>Latch-Type</b>	pack of 10	1301

## 3.7 Lip retractor

### OptiView™

#### Lip and cheek retractor

Provides retraction of lips and cheeks for improved buccal and gingival access at the same time. It facilitates both lip and cheek retraction with one device without the need for additional hands or instruments.



OptiView Standard Kit	REF/Part No. 5500
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2 standard lip and cheek retractors with mounted cushions

OptiView Small Kit	REF/Part No. 5502
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2 small lip and cheek retractors with mounted cushions

OptiView Cushions Refills	REF/Part No. 5501
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10 OptiView Refill cushions

## 3.8 Implant prophylaxis

# Implant Deplaquers

## Dental implant deplaquers

Implant Deplaquer instruments are made of carbon-fibre reinforced plastic material, with sufficient strength to remove plaque and soft deposits from the implant neck while minimising scratches on metal surfaces. Available in two shapes:

- **Universal:** Allows the topical reach of all surfaces
- **Orofacial:** Allows the reach of lateral sides with more surface available

### Implant Deplaquers Set

REF/Part No. 3520

2 Orofacial Implant Deplaquers, 2 Universal Implant Deplaquers, 2 Perio-Probes, 10 Screw-type point soft rubber cups (REF/Part No. 1805), 1 Screw-type spiral soft rubber cups (REF/Part No. 1807), 10 Screw-type small brushes (REF/Part No. 0220), 10 Screw-type small point brushes (REF/Part No. 0240), 10 Screw-type mandrels (REF/Part No. 1301).

### Implant Deplaquers Refills

REF/Part No.

Universal Implant Deplaquers, Pack of 5	1350
Universal Implant Deplaquers, Pack of 2	1351
Orofacial Implant Deplaquers, Pack of 5	1360
Orofacial Implant Deplaquers, Pack of 2	1361



Universal Implant Deplaquer



Orofacial Implant Deplaquer

# Implant Paste

## Paste containing aluminium oxide

This special prophylaxis paste has been developed for the efficient and gentle maintenance of implants. With a pleasant, fresh mint taste, this fluoride-free, pumice-free paste is ideal for application following the use of implant deplaquers to eliminate bio-film deposits. The selected formulation and the low RDA of 10 enables regular cleaning of the implant surface without scratching it, contributing to its longevity. Implant Paste works with any type of cup and brush.

### Implant Paste

REF/Part No. 3500

45 g paste — Peppermint flavour — Without fluoride



Implant Paste



### 3.9 Burs — Jet carbides










A — Material of cutting surface — carbide

B — Shank and overall length (HP, LA, FG, etc.)  
C

D — Shape and type of finish  
(Round, Cylinder, Kriss Kross, etc.)

E — Nominal size (ISO 2157), largest cutting  
head diameter in 1/10 mm

## Shank type

Code	Shank Type	Image	Diameter (mm)	Length (mm)	ISO
FG SS	Friction Grip Short Shank		1.6	16.5	313
FG	Friction Grip		1.6	19	314
FG OS	Friction Grip Oral Surgical		1.6	25	316
LA	Latch		2.35	22	204
LA OS	Latch Oral Surgical		2.35	26	205
HP	Handpiece		2.35	44.5	104
HP OS	Handpiece Oral Surgical		2.35	65	105

# Operative Carbides

Kerr burs are available in a range of head shapes and with patient safety and dentist comfort in mind; all operative carbides are designed to prevent slippage of the tool during even the most delicate cavity preparation procedures.



## Round

Ideal for initial entry, excavating infected dentine, extending preparation walls, creating retentive features and endodontic access. Smaller head diameters help create ultra-conservative preparations.

US Shape #	1/4	1/2	1	2	3	4	5	6	7	8	10
Diameter	005	006	008	010	012	014	016	018	021	023	027
<b>Friction Grip (FG)</b>											
REF/Part No. Pcs 5	400002-JK5	400001-JK5	400003-JK5	400050-JK5	400070-JK5	400086-JK5	400087-JK5	400104-JK5	400108-JK5	400154-JK5	
REF/Part No. Pcs 100			400003-JTC	400050-JTC	400070-JTC	400086-JTC	400087-JTC	400104-JTC	400108-JTC	400154-JTC	
<b>Short Shank (FG SS)</b>											
REF/Part No. Pcs 5		400205-JK5		400220-JK5							
REF/Part No. Pcs 100				400220-JTC		400234-JTC					
<b>Latch (LA)</b>											
REF/Part No. Pcs 5		400326-JK5	400328-JK5	400339-JK5	400341-JK5	400353-JK5	400354-JK5	400363-JK5		400375-JK5	
REF/Part No. Pcs 100			400328-JTC	400339-JTC	400341-JTC	400353-JTC	400354-JTC	400363-JTC		400375-JTC	
<b>Oral Surgical (FGOS)</b>											
REF/Part No. Pcs 5						400189-JK5					
REF/Part No. Pcs 100				400185-JTC	400187-JTC	400189-JTC		400198-JTC		400204-JTC	
<b>Handpiece (HP)</b>											
REF/Part No. Pcs 5	400253-JK5	400252-JK5	400254-JK5			400284-JK5		400296-JK5			400255-JK5
REF/Part No. Pcs 100	400253-JTC	400252-JTC	400254-JTC	400276-JTC		400284-JTC		400296-JTC		400313-JTC	400255-JTC



Pear

Creates a preparation with converging walls and round internal line angles. Ideal for creating mechanical retention and maintaining full-length enamel rod margins on pit and fissure surfaces.

US Shape #	329	330	331	331L	332	332L	333L
Head Length	1.6	1.6	1.6	4.1	1.6	4.1	4.1
Diameter	005	006	008	010	012	012	014
Friction Grip (FG)							
REF/Part No. Pcs 5	400071-JK5	400073-JK5	400074-JK5	400075-JK5	400076-JK5	400077-JK5	400078-JK5
REF/Part No. Pcs 100		400073-JTC	400074-JTC		400076-JTC		
Short Shank (FG SS)							
REF/Part No. Pcs 5			400226-JK5		400228-JK5		
Latch (LA)							
REF/Part No. Pcs 5		400343-JK5					
REF/Part No. Pcs 100		400343-JTC					



Amalgam Prep

FG 245 offers a longer head length and flat floors with rounded internal line angles for amalgam preparations.

US Shape #	245
Head Length	2.7
Diameter	009
Friction Grip (FG)	
REF/Part No. Pcs 5	400062-JK5
Short Shank (FG SS)	
REF/Part No. Pcs 5	400221-JK5



## Inverted Cone

Offers a sharp taper ideal for creating mechanical locks in preparations.



US Shape #	33 1/2	34	35	36	37	38	39
Head Length	0.4	0.6	0.7	0.8	0.8	1	1.3
Diameter	006	008	010	012	014	016	018

### Friction Grip (FG)

REF/Part No. Pcs 5	400072-JK5	400079-JK5	400080-JK5	400081-JK5	400082-JK5		400085-JK5
REF/Part No. Pcs 100		400079-JTC	400080-JTC				

### Short Shank (FG SS)

REF/Part No. Pcs 5		400230-JK5	400231-JK5		400233-JK5		
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### Latch (LA)

REF/Part No. Pcs 5		400347-JK5		400349-JK5			
REF/Part No. Pcs 100					400350-JTC	400351-JTC	

### Handpiece (HP)

REF/Part No. Pcs 5				400281-JTC			400283-JTC
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## Straight Flat-End Fissure

Creates a preparation with parallel walls and a flat floor. Useful for establishing the periphery of a preparation.



US Shape #	56	57	57L	58
Head Length	3.2	3.7	4.9	3.7
Diameter	009	010	010	012

### Friction Grip (FG)

REF/Part No. Pcs 5	400096-JK5	400099-JK5	400100-JK5	400101-JK5
REF/Part No. Pcs 100	400096-JTC	400099-JTC		

### Short Shank (FG SS)

REF/Part No. Pcs 5	400241-JK5	400242-JK5		
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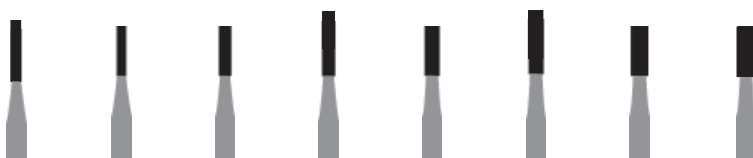
### Latch (LA)

REF/Part No. Pcs 5		400360-JK5		
REF/Part No. Pcs 100				400361-JTC



## Straight Flat-End X-Cut Fissure

Cross-Cuts increase cutting efficiency and facilitate cutting dentine at lower speeds for improved tactile response.



US Shape #	257	556	557	557L	558	558L	559	560
Head Length	3.7	3.2	3.7	4.9	3.7	4.9	4.1	4.1
Diameter	010	009	010	010	012	012	014	016

### Friction Grip (FG)

REF/Part No. Pcs 5	400065-JK5	400089-JK5	400091-JK5	400092-JK5	400093-JK5	400094-JK5	400095-JK5	400097-JK5
REF/Part No. Pcs 100		400089-JTC	400091-JTC		400093-JTC			

### Short Shank (FG SS)

REF/Part No. Pcs 5		400236-JK5						
REF/Part No. Pcs 100			400237-JTC		400239-JTC			

### Latch (LA)

REF/Part No. Pcs 5			400356-JK5		400357-JK5			
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### Handpiece (HP)

REF/Part No. Pcs 5								400292-JK5
REF/Part No. Pcs 100							400290-JTC	400292-JTC



## Straight Round End Fissure

Dome Ends create rounded internal line angles to distribute occlusal forces.



US Shape #	1156	1157	1158
Head Length	3.2	3.7	3.7
Diameter	009	010	012

### Friction Grip (FG)

REF/Part No. Pcs 5	400006-JK5	400007-JK5	400008-JK5
REF/Part No. Pcs 100		400007-JTC	400008-JTC



## Straight Round End X-Cut Fissure

Dome Ends create rounded internal line angles to distribute occlusal forces. Cross-Cuts increase cutting efficiency and facilitate cutting dentine at lower speeds for improved tactile response.



US Shape #	1556	1557	1558
Head Length	3.2	3.7	3.7
Diameter	009	010	012

### Friction Grip (FG)

REF/Part No. Pcs 5	400017-JK5	400018-JK5	400020-JK5
REF/Part No. Pcs 100	400017-JTC	400018-JTC	400020-JTC

### Handpiece (HP)

REF/Part No. Pcs 5			400265-JK5
REF/Part No. Pcs 100		400264-JTC	



## Taper Flat-End Fissure

Creates diverging preparation walls ideal for indirect restorations. Cross-Cuts increase cutting efficiency. Dome Ends create rounded internal line angles to distribute occlusal forces better. Tapered shape helps maintain full-length enamel rod margins on convex tooth surfaces.

US Shape #	168	169	169L	170	170L	171	171L
Head Length	3.2	3.2	4.9	3.7	4.9	3.7	4.9
Diameter	008	009	009	010	010	012	012
Friction Grip (FG)							
REF/Part No. Pcs 5	400022-JK5	400023-JK5	400025-JK5	400026-JK5	400031-JK5	400032-JK5	400033-JK5
REF/Part No. Pcs 100				400026-JTC	400031-JTC		



## Taper Flat-End X-Cut Fissure

The tapered shape helps maintain full-length enamel rod margins on convex tooth surfaces. Creates diverging preparation walls ideal for indirect restorations. Cross-Cuts increase cutting efficiency.







US Shape #	699	699L	700	700L	701	701L	702	703
Head Length	3.2	4.9	3.7	4.9	3.7	4.9	4.1	4.5
Diameter	009	009	010	010	012	012	016	021
Friction Grip (FG)								
REF/Part No. Pcs 5	400106-JK5	400107-JK5	400109-JK5	400116-JK5	400117-JK5	400118-JK5	400119-JK5	400120-JK5
REF/Part No. Pcs 100	400106-JTC			400116-JTC			400119-JTC	
Short Shank (FG SS)								
REF/Part No. Pcs 5	400245-JK5							
Latch (LA)								
REF/Part No. Pcs 100			400367-JTC					
Handpiece (HP)								
REF/Part No. Pcs 5	400298-JK5		400301-JK5			400305-JK5		
REF/Part No. Pcs 100	400298-JTC	400299-JTC		400303-JTC			400306-JTC	400308-JTC





Taper Round End Fissure


The tapered shape helps maintain full-length enamel rod margins on convex tooth surfaces.

						
US Shape #	1169L	1170	1170L	1171	1171L	1172
Head Length	4.9	3.7	4.9	3.7	4.9	4.1
Diameter	009	010	010	012	012	016
Friction Grip (FG)						
REF/Part No. Pcs 5	400010-JK5		400012-JK5	400013-JK5	400014-JK5	400015-JK5
REF/Part No. Pcs 100	400010-JTC		400012-JTC	400013-JTC	400014-JTC	400015-JTC
Latch (LA)						
REF/Part No. Pcs 5				400332-JK5		400333-JK5
REF/Part No. Pcs 100				400332-JTC		400333-JTC
Handpiece (HP)						
REF/Part No. Pcs 100		400259-JTC		400261-JTC		400262-JTC



Taper Round End X-Cut Fissure

Cross-Cuts increase cutting efficiency.

	
US Shape #	1701
Head Length	3.7
Diameter	012
Friction Grip (FG)	
REF/Part No. Pcs 5	400029-JK5
REF/Part No. Pcs 100	400029-JTC

# Trimming and finishing carbides

Trimming and Finishing Carbides are offered in a wide variety of shapes and sizes, which are essential for achieving optimal aesthetic results. The single piece construction and sharp, precision-ground finishing carbide flutes promote a smooth, vibration-free and comfortable experience.



## Egg

For contouring or placing anatomy on posterior occlusal surfaces. Also suitable for smoothing and shaping anterior lingual surfaces. Available in 12 and 30 blade-count configurations.

US Shape #	7404	7406	7408	9406
Head Length	2.8	3.4	3.6	3.4
Diameter	014	018	023	018
Blades	12	12	12	30
Friction Grip (FG)				
REF/Part No. Pcs 5	400134-JK5	400135-JK5	400136-JK5	400161-JK5
REF/Part No. Pcs 100	400134-JTC	400135-JTC	400136-JTC	
Latch (LA)				
REF/Part No. Pcs 100		400373-JTC		



## Bullet

Ideal for initial definition of fissures and anatomy in posterior teeth. Available in 12 and 30 blade-count configurations.

US Shape #	7801	7802	7803	9803
Head Length	2.7	2.8	2.9	2.9
Diameter	014	018	023	012
Blades	12	12	12	30
Friction Grip (FG)				
REF/Part No. Pcs 5	400148-JK5	400149-JK5	400150-JK5	400171-JK5
REF/Part No. Pcs 100	400148-JTC	400149-JTC	400150-JTC	400171-JTC



## Round

Ideal for finishing anterior lingual and posterior occlusal surfaces. Available in 12 and 30 blade-count cutting heads.

US Shape #	7002	7004	7006	7008	7009	9004	9006	9008
Head Length	-	-	-	-	-	-	-	-
Diameter	010	014	018	023	025	014	018	023
Blades	12	12	12	12	12	30	30	30
<b>Friction Grip (FG)</b>								
REF/Part No. Pcs 5		400112-JK5	400113-JK5	400114-JK5	400115-JK5	400156-JK5	400157-JK5	400158-JK5
REF/Part No. Pcs 100	400110-JTC	400112-JTC				400156-JTC		400158-JTC
<b>Latch (LA)</b>								
REF/Part No. Pcs 5			400368-JK5					



## Needle

Establishes anatomical pits and fissures in occlusal surfaces. Available in 12 and 30 blade-count configurations.

US Shape #	7901	7902	7903	9903	9904
Head Length	2.2	3.4	3.4	4.9	4.9
Diameter	009	010	012	012	014
Blades	12	12	12	30	30
<b>Friction Grip (FG)</b>					
REF/Part No. Pcs 5	400151-JK5	400152-JK5	400153-JK5	400172-JK5	400173-JK5
REF/Part No. Pcs 100	400151-JTC	400152-JTC	400153-JTC		
<b>Latch (LA)</b>					
REF/Part No. Pcs 100		400373-JTC			



## Flame

Useful in establishing and defining pit and fissure anatomy. Available in 12 blade-count configuration.

US Shape #	7801	7802	9803
Head Length	2.7	2.8	2.9
Diameter	014	018	012
Blades	12	12	30
<b>Friction Grip (FG)</b>			
REF/Part No. Pcs 5	400148-JK5	400149-JK5	400171-JK5
REF/Part No. Pcs 100			



## Taper Finishing


Ideal for trimming excess material on anterior labial surfaces or the cervical portion of any tooth. Available in Needle Point, Round End and Flat-End shapes in multiple lengths to match any contouring challenge.

US Shape #	7114	7214	7714	9214	9714
Head Length	2.9	5.1	7.6	5.1	7.6
Diameter	009	010	014	010	014
Blades	6	6	6	12	12
<b>Friction Grip (FG)</b>					
REF/Part No. Pcs 5	400125-JK5	400129-JK5	400147-JK5	400160-JK5	400169-JK5
REF/Part No. Pcs 100	400125-JTC	400129-JTC	400147-JTC		400169-JTC

US Shape #	7204	7702	7713	7642	7664	7283	9713	9642
Head Length	8.5	4.9	4.9	5.7	8.6	9.9	5.1	5.7
Diameter	014	010	012	010	015	016	012	010
Blades	18	18	18	18	18	18	30	30
<b>Friction Grip (FG)</b>								
REF/Part No. Pcs 5	400126-JK5	400145-JK5		400143-JK5	400144-JK5	400130-JK5	400168-JK5	
REF/Part No. Pcs 100			400146-JTC		400144-JTC			400167-JTC

## Concave Interproximal

Ideal for removing excess composite from proximal margins and embrasures. Available in 12 blade-count configuration.



US Shape #	7103
Head Length	3.7
Diameter	012
Blades	12
Friction Grip (FG)	
REF/Part No. Pcs 5	400121-JK5

## Speciality carbides


Speciality carbides are a critical component to the dental practice's laboratory work. Our range of speciality carbides encompass the professional needs of dental practices and are designed to help get it right first time, from trim and finish work to crowns and bridges.

### Fine Cross-Cut

Fine Cross-Cut burs feature traditional head shapes with maximum density cross-cuts in the bur blades to dramatically increase cutting efficiency while simultaneously decreasing undesirable chatter, friction and clogging. Perfect for rapid reduction or crown removal. The slightly roughened preparation surface is ideal for improving micromechanical retention in composite preparations. Fine Cross-Cut burs are available in a wide variety of shapes to meet every clinical situation.




### Pear



US Shape #	1930	1931	1932
Head Length	1.6	1.6	1.6
Diameter	008	010	012
Friction Grip (FG)			
REF/Part No. Pcs 5	400037-JK5	400038-JK5	400039-JK5
REF/Part No. Pcs 100		400038-JTC	



### Amalgam Prep



US Shape #	1945	1946
Head Length	2.7	3.7
Diameter	009	012
Friction Grip (FG)		
REF/Part No. Pcs 5	400040-JK5	400041-JK5
REF/Part No. Pcs 100		400041-JTC



## Straight Fissure

US Shape #	2057	2058
Head Length	3.7	3.7
Diameter	010	012

### Friction Grip (FG)

REF/Part No. Pcs 5	400052-JK5	400053-JK5
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### Short Shank (FG SS)

REF/Part No. Pcs 5	400520-JK5	
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## Straight Fissure Dome

US Shape #	1956	1957	1958	1958L
Head Length	3.2	3.7	3.7	4.9
Diameter	009	010	012	012

### Friction Grip (FG)

REF/Part No. Pcs 5	400042-JK5	400043-JK5	400044-JK5	400045-JK5
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REF/Part No. Pcs 100

			400044-JTC	
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## Taper Dome End

US Shape #	1970	1971
Head Length	3.7	3.7
Diameter	010	012

### Friction Grip (FG)

REF/Part No. Pcs 5	400047-JK5	400048-JK5
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## Taper Flat-End

US Shape #	2070	2071	2072
Head Length	3.7	3.7	4.1
Diameter	010	012	016

### Friction Grip (FG)

REF/Part No. Pcs 5	400055-JK5	400056-JK5	400532-JK5
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REF/Part No. Pcs 100

		400056-JTC	400532-JTC
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## Kriss Kross

The unique pyramid-shaped geometry facilitates cutting through tough materials like amalgam and porcelain with ease. Available in Straight Fissure and Taper shapes.



### Straight Dome

US Shape #	2157	2158
Head Length	3.7	3.7
Diameter	010	012
<b>Friction Grip (FG)</b>		
REF/Part No. Pcs 5	400057-JK5	400058-JK5
REF/Part No. Pcs 100	400057-JTC	400058-JTC



### Taper Dome

US Shape #	2170	2171
Head Length	3.7	3.7
Diameter	012	012
<b>Friction Grip (FG)</b>		
REF/Part No. Pcs 5	400059-JK5	400060-JK5
REF/Part No. Pcs 100	400059-JTC	400060-JTC

## Solid Carbide

The single-piece construction of our Solid Carbide burs improves strength and reliability. Simultaneously increases corrosion resistance.



US Shape #	170	245	330	557	1557	199Z
Head Length	3.7	2.7	1.6	3.7	3.7	10.0
Diameter	010	009	008	010	010	015
<b>Friction Grip (FG)</b>						
REF/Part No. Pcs 5	400026-JK5	400062-JK5	400073-JK5	400091-JK5	400018-JK5	440007-JK5
REF/Part No. Pcs 100			400073-JTC	400091-JTC	400018-JTC	440007-JTC
<b>Short Shank (FG SS)</b>						
REF/Part No. Pcs 5		400221-JK5	400225-JK5			
REF/Part No. Pcs 100			400225-JTC	400237-JTC		
<b>Latch (LA)</b>						
REF/Part No. Pcs 5			400343-JK5	400356-JK5	400334-JK5	
REF/Part No. Pcs 100				400356-JTC		
<b>Handpiece (HP)</b>						
REF/Part No. Pcs 5				400288-JK5		
REF/Part No. Pcs 100				400288-JTC		

### 3.9 Burs — Jet diamonds

Kerr Jet Diamonds are available in packs of 5 or Gold Packs of 50.

**Uniform particle dispersion.**

Exceptional cutting efficiency and durability for less chair time and better value

**Consistent diamond particle size.**


No chattering or vibrating of the handpiece, reduces heat, smooth cutting




Define to Finish Series

MFG REF.	132	133	134	135	274	379	247	32855	368	368	368
Head Length	3.0	4.0	6.0	9.0	3.5	4.5	3.2	6.0	3.5	4.5	5.0
Diameter	008	010	014	014	016	023	009	014	016	018	023
Super-coarse								SC32855-014			SC368-023
Coarse										C368-018	C368-023
Medium										M368-018	M368-023
Fine	F132-008	F133-010	F134-014	F135-014	F274-016	F379-023	F247-009		F368-016	F368-018	F368-023
Super-fine	SF132-008	SF133-010	SF134-014	SF135-014	SF274-016	SF379-023	SF247-009		SF368-016	SF368-018	SF368-023
Ultra-fine											

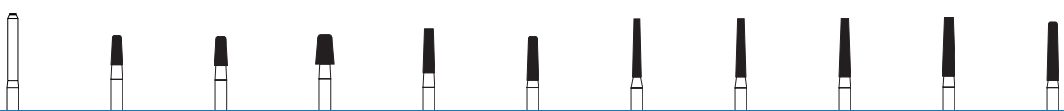
MFG REF.	369	379	379	379	379	392	801	801	801	801	801
Head Length	5.5	3.0	3.4	3.5	4.5	5.0	1.0	1.2	1.4	1.6	1.8
Diameter	025	014	016	018	023	016	010	012	014	016	018
Super-coarse				SC379-018	SC379-023					SC801-016	SC801-018
Coarse	C369-025			C379-018	C379-023			C801-012	C801-014	C801-016	C801-018
Medium					M379-023	M392-016	M801-010	M801-012	M801-014	M801-016	M801-018
Fine		F379-014	F379-016	F379-018	F379-023	F392-016					
Super-fine			SF379-016	SF379-018	SF379-023	SF392-016					
Ultra-fine					UF379-023						














MFG REF.	801	801	801	801	807	807	811	811	811	813	830
Head Length	2.1	2.3	2.5	2.9	4.0	5.0	4.2	7.0	7.0	1.6	2.7
Diameter	021	023	025	029	016	018	033	037	047	014	010
Super-coarse	SC801-021	SC801-023	SC801-025	SC801-029			SC811-033	SC811-037	SC811-047		
Coarse	C801-021	C801-023	C801-025	C801-029	C807-016	C807-018	C811-033	C811-037	C811-047	C813-014	C830-010
Medium		M801-023									M830-010
Fine		F801-023									
Super-fine		SF801-023									
Ultra-fine											














MFG REF.	830L	833	835	835	836	837	837	837	837KR	837KR	840
Head Length	5.0	5.9	4.0	4.0	6.0	8.0	8.0	8.0	8.0	8.0	1.0
Diameter	016	018	010	012	014	010	012	014	012	014	012
Super-coarse	SC830L-016		SC835-010		SC836-014		SC837-012	SC837-014	SC837KR-012	SC837KR-014	
Coarse	C830L-016		C835-010	C835-012	C836-014	C837-010	C837-012	C837-014	C837KR-012	C837KR-014	
Medium			M835-010								M840-012
Fine		F833-018									
Super-fine		SF833-018									
Ultra-fine											



MFG REF.	840	845KR	845KR	845KR	846	846KR	847	847	847	847	847KR
Head Length	1.1	4	4	4	6	6	8.0	8.0	8.0	8.0	8.0
Diameter	014	016	018	025	016	016	012	014	016	018	016
Super-coarse		SC845KR-016				SC846KR-016	SC847-012	SC847-014	SC847-016	SC847-018	SC847KR-016
Coarse		C845KR-016	C845KR-018	C845KR-025	C846-016	C846KR-016	C847-012	C847-014	C847-016	C847-018	C847KR-016
Medium	M840-014	M845KR-016	M845KR-018	M845KR-025		M846KR-016					
Fine									F847-016		F847KR-016
Super-fine											
Ultra-fine											
























MFG REF.	847KR	848	848	849	849	849	850	850	850	850	850
Head Length	8	10	10	4	4	4	10.0	10.0	10.0	10.0	10.0
Diameter	018	016	023	009	010	025	010	012	014	016	018
Super-coarse	SC847KR-018	SC848-016	SC848-023			SC849-025			SC850-014	SC850-016	SC850-018
Coarse	C847KR-018	C848-016	C848-023			C849-025	C850-010	C850-012	C850-014	C850-016	C850-018
Medium		M848-016		M849-009				M850-012	M850-014	M850-016	M850-018
Fine					F849-010			F850-012			
Super-fine					SF849-010						
Ultra-fine											
























MFG REF.	852	852	855	855	855	856	856	856	856	856	856
Head Length	4.0	6.0	6.0	6.0	7.0	8.0	8.0	8.0	8.0	8.0	8.0
Diameter	010	012	012	014	025	012	014	016	018	021	025
Super-coarse			SC855-012	SC855-014	SC855-025	SC856-012	SC856-014	SC856-016*	SC856-018	SC856-021	SC856-025
Coarse		C852-012	C855-012	C855-014	C855-025	C856-012	C856-014	C856-016**	C856-018	C856-021	C856-025
Medium						M856-012	M856-014	M856-016	M856-018***		
Fine	F852-010	F852-012					F856-014	F856-016	F856-018		
Super-fine	SF852-010	SF852-012									
Ultra-fine		UF852-012									












\* Mini and/or Gold Pack  
 \*\* Mini/Short Shank  
 \*\*\* Gold Pack (50 per pack)

MFG REF.	856L	856L	856L	856L	858	858	858	859	859	859	859L
Head Length	9.0	9.0	9.0	9.0	8.0	8.0	8.0	10.0	10.0	10.0	10.0
Diameter	014	016	018	020	010	012	014	010	012	014	014
Super-coarse	SC856L-014	SC856L-016	SC856L-018				SC858-014				
Coarse	C856L-014	C856L-016	C856L-018	C856L-020			C858-014		C859-012	C859-014	
Medium		M856L-016						M859-010		M859-014	
Fine		F856L-016			F858-010	F858-012	F858-014	F859-010	F859-012	F859-014	F859-014
Super-fine							SF858-014	SF859-010	SF859-012	SF859-014	
Ultra-fine											
























MFG REF.	859	859	862	862	862	862	863	863	863	863	877K
Head Length	10.0	10.0	8.0	8.0	8.0	8.0	10.0	10.0	10.0	10.0	6.0
Diameter	016	018	010	012	014	016	010	012	014	016	014
Super-coarse				SC862-012	SC862-014	SC862-016		SC863-012	SC863-014	SC863-016	SC877K-014
Coarse			C862-010	C862-012	C862-014	C862-016		C863-012	C863-014	C863-016	C877K-014
Medium			M862-010	M862-012				M863-012			
Fine	F859-016	F859-018	F862-010	F862-012			F863-010	F863-012			
Super-fine	SF859-016		SF862-010	SF862-012			M863-010	SF863-012			
Ultra-fine			C862010M					UF863-012			

MFG REF.	877K	877K	878	878K	878K	878K	878K	885	885	888	889
Head Length	6.0	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	3.5
Diameter	016	018	012	012	014	016	018	012	014	012	009
Super-coarse	SC877K-016	SC877K-018	SC878-012	SC878K-012	SC878K-014	SC878K-016	SC878K-018	SC885-012	SC885-014		
Coarse	C877K-016	C877K-018	C878-012	C878K-012	C878K-014	C878K-016	C878K-018	C885-012	C885-014	C888-012	
Medium						M878K-016					
Fine										F888-012	F889-009
Super-fine										SF888-012	SF889-009
Ultra-fine											

### Speciality Diamonds

MFG REF.	889	909	909	MADC	KS0	KS1	KS2	KS3	KS4	KS5	KS6
Head Length	3.5	1.0	2.0	2.0	7.0	7.0	8.0	8.0	4.2	6.2	
Diameter	010	037	040	020	010	012	014	016	023	031	
Super-coarse		SC909-037	C909-040			KS1	KS2	KS3	KS4	KS5	
Coarse		C909-037	SC 909-040								
Medium				MADC-020	KS0						KS6
Fine	F889-010										
Super-fine	SF889-010										
Ultra-fine											

### 3.9 Burs — BluWhite diamonds



BluWhite diamonds are a great option for any procedure. The unique diamond application process ensures excellent diamond particle retention and cutting surface throughout multiple-uses. Their outstanding cutting efficiency reduces chatter and instrument wear and tear.



## Grit type

Grit	Colour Band	Microns
Super-fine	Yellow	44 – 62
Fine	Red	74 – 88
Regular (Medium)	Blue	105 – 125
Coarse	Green	125 – 149
Extra-coarse	Black	177 – 250

## Shank type

Code	Shank Type	Image	Package
FG SS	Friction Grip Short Shank		1 per pack
FG	Friction Grip		1 per pack

## Amalgam Remover



	1.3	6.0
Head Length		
Diameter	014	018
Yellow Super-fine		
Red Fine		
Blue Regular	450192-BD1	450194-BD1
Green Coarse		
Black Extra-coarse		


## Equilibrating & Contouring



	2.8
Head Length	
Diameter	018
Yellow Super-fine	
Red Fine	450285-BD1
Blue Regular	450286-BD1
Green Coarse	450284-BD1
Black Extra-coarse	




## Curettage




Head Length	5.8	7.8	9.8	5.8	9.8	7.8	9.8
Diameter	014	014	014	016	016	018	018
● Super-fine							
● Fine		450004-BD1	450007-BD1	450010-BD1	450016-BD1	450022-BD1	
● Regular	450002-BD1	450005-BD1	450008-BD1		450017-BD1	450023-BD1	450026-BD1
● Coarse				450009-BD1	450015-BD1	450021-BD1	
● Extra-coarse							

## Flame



Head Length	2.9	6.2	7.8	9.8	3.7	6.7	7.8	9.8	6.4	7.2
Diameter	008	012	012	014	014	012	016	016	018	014
● Super-fine	450081-BD1	450085-BD1	450093-BD1				450122-BD1		450132-BD1	
● Fine	450079-BD1	450083-BD1	450091-BD1					450124-BD1	450130-BD1	
● Regular		450084-BD1	450092-BD1	450097-BD1	450101-BD1	450108-BD1	450121-BD1	450125-BD1	450131-BD1	450136-BD1
● Coarse		450082-BD1	450090-BD1		450099-BD1	450107-BD1	450119-BD1	450123-BD1	450129-BD1	450134-BD1
● Extra-coarse				450098-BD1						

## Flame (Short Shank)



Head Length	6.2	7.8	7.2
Diameter	012	012	014
● Super-fine			
● Fine			
● Regular	450567-BD1		
● Coarse		450570-BD1	450582-BD1
● Extra-coarse			

## Flat-End Taper



Head Length	9.8	9.8	5.8	9.8	7.8	7.3	9.8	7.8	7.8	8.8
Diameter	014	018	016	018	014	018	018	018	018	016
Super-fine		450305-BD1								
Fine	450300-BD1								450394-BD1	
Regular	450301-BD1	450304-BD1		450331-BD1	450354-BD1	450360-BD1	450381-BD1	450391-BD1		450398-BD1
Coarse	450299-BD1	450302-BD1	450322-BD1		450352-BD1	450358-BD1	450379-BD1	450389-BD1	450393-BD1	450396-BD1
Extra-coarse										

## Flat-End Taper



Head Length	7.2	8.8	2.8
Diameter	023	018	021
Super-fine			
Fine			
Regular	450413-BD1	450416-BD1	
Coarse	450411-BD1	450414-BD1	450160-BD1
Extra-coarse			

## Inverted Cone



Head Length	0.9	1.1	1.7
Diameter	010	012	018
Super-fine			
Fine			
Regular	450143-BD1	450147-BD1	450149-BD1
Coarse		450146-BD1	
Extra-coarse			

## Needle



Head Length	9.9	7.1
Diameter	021	025
Super-fine		
Fine		
Regular		
Coarse	450356-BD1	450178-BD1
Extra-coarse		

## Occlusal



	4.6	5.6	2.8	4.0	5.2
Head Length	4.6	5.6	2.8	4.0	5.2
Diameter	033	035	018	025	023
● Super-fine					450297-BD1
● Fine			450285-BD1		450295-BD1
● Regular	450184-BD1	450188-BD1	450286-BD1	450293-BD1	450296-BD1
● Coarse	450182-BD1	450186-BD1		450292-BD1	450294-BD1
● Extra-coarse		450189-BD1			450298-BD1

## Occlusal (Short Shank)



	5.2
Head Length	5.2
Diameter	023
● Super-fine	
● Fine	
● Regular	450597-BD1
● Coarse	
● Extra-coarse	

## Round



	0.5	0.9	0.9	1.1	1.1	1.2	1.4	1.5	1.9	1.3
Head Length	0.5	0.9	0.9	1.1	1.1	1.2	1.4	1.5	1.9	1.3
Diameter	009	014	014	016	016	018	020	020	025	020
● Super-fine				450064-BD1						
● Fine		450056-BD1		450062-BD1					450074-BD1	
● Regular	450054-BD1	450057-BD1					450069-BD1		450075-BD1	450077-BD1
● Coarse		450055-BD1	450059-BD1	450061-BD1	450066-BD1	450067-BD1	450068-BD1	450071-BD1		
● Extra-coarse				450065-BD1						

## Round End Taper (Short Shank)



Head Length	8.8	6.2	8.0	7.8
Diameter	021	016	018	022
● Super-fine				
● Fine				
● Regular	450605-BD1	450615-BD1		450628-BD1
● Coarse	450603-BD1	450613-BD1	450617-BD1	450627-BD1
● Extra-coarse				

## Round End Taper

























Head Length	4.0	3.7	9.8	6.2	8.8	10.3	6.2	8.0	7.8	8.8	9.0
Diameter	018	011	014	014	016	016	016	018	016	018	018
● Super-fine							450370-BD1				
● Fine	450219-BD1						450368-BD1				450401-BD1
● Regular	450220-BD1		450310-BD1	450334-BD1	450339-BD1	450342-BD1	450369-BD1	450374-BD1	450378-BD1	450387-BD1	450402-BD1
● Coarse	450218-BD1	450306-BD1	450308-BD1	450332-BD1	450337-BD1	450340-BD1	450367-BD1	450372-BD1	450376-BD1	450385-BD1	450400-BD1
● Extra-coarse				450336-BD1			450371-BD1	450375-BD1		450388-BD1	450403-BD1





Head Length	8.1	9.0	7.8	8.8
Diameter	018	018	022	021
● Super-fine				
● Fine				
● Regular		450410-BD1	450419-BD1	450423-BD1
● Coarse	450404-BD1	450408-BD1	450417-BD1	450421-BD1
● Extra-coarse			450420-BD1	450424-BD1


## Straight Cylinder

											
Head Length	4.0	4.0	6.0	8.0	7.6	8.0	2.7	3.7	3.7	3.7	3.2
Diameter	012	018	014	012	012	016	009	012	012	016	016
● Super-fine											
● Fine						450215-BD1					
● Regular	450196-BD1			450209-BD1	450213-BD1	450216-BD1					450249-BD1
● Coarse		450200-BD1	450202-BD1		450211-BD1	450214-BD1	450239-BD1	450242-BD1	450244-BD1	450247-BD1	
● Extra-coarse						450217-BD1					





											
Head Length	4.8	2.9	4.0	4.8	6.2	6.2	7.3	8.7	7.9	6.8	7.5
Diameter	010	010	014	010	012	012	016	016	012	012	014
● Super-fine											
● Fine		450255-BD1	450259-BD1								
● Regular	450253-BD1	450256-BD1	450260-BD1	450262-BD1	450263-BD1	450268-BD1	450271-BD1	450275-BD1			
● Coarse	450251-BD1	450254-BD1	450258-BD1	450261-BD1	450264-BD1	450267-BD1	450270-BD1	450274-BD1	450277-BD1	450278-BD1	450279-BD1
● Extra-coarse						450269-BD1		450276-BD1			

		
Head Length	7.9	8.0
Diameter	012	021
● Coarse	450281-BD1	450282-BD1
● Extra-coarse		

## Tapered

	
Head Length	3.5
Diameter	009
● Super-fine	
● Fine	
● Regular	450031-BD1
● Coarse	
● Extra-coarse	

## Wheel

				
Head Length	1.0	1.0	0.7	1.0
Diameter	040	047	060	047
● Super-fine				
● Fine				
● Regular	450448-BD1	450458-BD1	450492-BD1	
● Coarse	450446-BD1	450449-BD1	450491-BD1	450631-BD1*







\* Short Shank

### 3.9 Burs — BluWhite diamonds — Composite finishing

## Grit type

Grit	Colour Band	Microns
Compo Ultra-fine	● Violet	17–23
Compo Fine	● Yellow	34–40



											
Head Length	2.9	4.0	5.0	6.9	4.6	4.9	6.0	4.1	10.2	1.3	2.1
Diameter	014	021	021	010	023	023	016	010	016	016	025
● Compo Ultra-fine	450240-CF1	450241-CF1	450230-CF1	450231-CF1	450237-CF1	450238-CF1	450210-CF1	450232-CF1	450235-CF1	450229-CF1	
● Compo Fine	450172-CF1		450163-CF1	450164-CF1	450170-CF1	450171-CF1	450157-CF1	450165-CF1	450168-CF1	450627-BD1	450180-CF1



## 3.10 Impression materials — VPS

### Take 1™ Advanced™

#### VPS impression material

Take 1™ Advanced™ impression material offers an optimum combination of physical properties – strength, elasticity, dimensional stability – and the ability to register detail in any environment.

Standing apart from ordinary impression materials that focus on a single attribute, the chemistry of Take 1 Advanced delivers features that enhance overall performance:

- Hydrophilic dental wash material. Displaces intraoral fluids to produce impressions with great detail and no voids or gaps
- Very good in tear strength and elongation
- Very good dimensional stability
- Strong, flexible material stretches around undercuts without tearing or distorting
- Widest selection of viscosities, set times and delivery methods

#### Take 1™ Advanced™ — Volume Refills

REF/Part No.

Each pack contains: 2 x 380 ml, 2 x bayonet rings

Take 1 Advanced Tray Volume Fast Set	34963
Take 1 Advanced Tray Volume Regular Set	34962

#### Take 1™ Advanced™ — 2-Cartridge Refills

REF/Part No.

Each pack contains: 2 x 50 ml Cartridge, 6 Large Mixing Tips. Regular Body Wash and Light Body Wash contain 6 Small Mixing Tips and 6 Small Intra-Oral Tips. Bite Registration contains 6 Large Mixing Tips and 6 Bite Registration Intra-Oral Tips.

Take 1 Advanced — Light Body Wash Fast Set	34149
Take 1 Advanced — Light Body Wash Regular Set	34150
Take 1 Advanced — Medium Fast Set	34152
Take 1 Advanced — Medium Regular Set	34153
Take 1 Advanced — Tray Fast Set	34158
Take 1 Advanced — Tray Regular Set	34159



Take 1™ Advanced™ — Volume Refills



Take 1™ Advanced™ — 2-Cartridge Refills

## Take 1™ Advanced™ Bite Registration

Take 1™ Advanced™ Bite Registration complements the Take 1™ Advanced portfolio to provide a complete solution within a single family of products.

- The material is uniform and free of voids
- Creates great contact
- Reproduces anatomical detail with accuracy

### Take 1™ Advanced™ Bite Registration

REF/Part No. 34148

2 x 50 ml Cartridge, 6 Large Mixing Tips, 6 Bite Registration Intra-Oral Tips



Take 1™ Advanced™ Bite Registration

## 3.10 Impression materials — Addition Silicones

### Extrude™

Extrude™ is an addition silicone impression system available in five viscosities, including a putty, to provide all the options needed for accurate results with any technique.

#### Extrude™ Wash — Light Blue

REF/Part No.

Very low-viscosity material used in combination with Putty for the putty/wash technique, or with Extra for the double-mix technique

2 x 50 ml Cartridge Refill, 6 Mixing Tips

28418E

16 x 2 REF/Part No. 28418 (Mixing Tips included)

28419E

#### Extrude™ Medium — Green

REF/Part No.

Provides excellent flow as well as sufficient body for use as a tray material

2 x 50 ml Cartridge Refill, 6 Mixing Tips

28416E

16 x 2 REF/Part No. 28416 (Mixing Tips included)

28417E

#### Extrude™ Extra — Purple

REF/Part No.

High viscosity material for use individually or with any other Extrude impression material. Especially recommended for use with Wash for the double-mix technique

2 x 50 ml Cartridge Refill, 6 Mixing Tips

28414E

16 x 2 REF/Part No. 28414 (Mixing Tips included)

28415E



Extrude™

3.10 Impression materials — Rubber Base

Permlastic™

Permlastic™ is a rubber base (polysulfide, condensation-cured, elastomeric) impression material available in three viscosities.

- **Regular Permlastic** is recommended for partial or full denture impressions because it has a high degree of flow that will register the finest detail.
- **Light-Bodied Permlastic** is the most free-flowing of the Permlastic materials. It is excellent for inlay and fixed-bridge impressions.
- **Heavy-Bodied Permlastic** is formulated for use whenever a stiffer material is indicated. The heavy body consistency results in optimum compression of the Light-Bodied Permlastic in a double-mix, copper-band impression.



Permlastic™

Permlastic™ — Standard Pack	REF/Part No.
1 Tube Base (Heavy body = 2 Tubes), 1 Tube Catalyst, 1 Mixing Pad	
Permlastic — Heavy Body — 170 g	60099
Permlastic — Regular Body — 230 g	60101
Permlastic — Light Body — 225 g	60102

Permlastic™ — Accessories	REF/Part No.
Permlastic Adhesive, 60 ml Bottle	60098

### 3.10 Impression materials — Thermoplastic Impression Compound

## Impression Compound

Impression Compound is a thermoplastic impression material available in cakes – for full or partial impressions – and sticks – for copper-band impressions and to add to the periphery of an impression tray. Each coloured variant has a controlled working temperature.

#### Impression Compound — Pack of 8 Cakes (227 g)

#### REF/Part No.

Green (temp. 50 °C)

00441

Red (temp. 55 °C)

00429

#### Impression Compound — Pack of 15 Sticks (113 g)

#### REF/Part No.

Green (temp. 50 °C)

00444

Grey (temp. 53 °C)

00455

Red (temp. 55 °C)

00432



Impression Compound

### 3.10 Impression materials — Functional impression

## F.I.T.T.

F.I.T.T. (Functional Impression Tissue Toner) is a gel that remains soft enough to produce a functional impression. It can be worn for several days to help restore injured tissue and eliminate post-delivery adjustments. It is easy-to-mix and continues to flow under pressure for several days.

#### F.I.T.T. — Standard Pack

#### REF/Part No. 61127

100 g Powder, 100 ml Liquid, 15 ml Separator, 14 Plastic Cups for measurement and mixing, 2 Liquid Measures

#### F.I.T.T. — Refills

#### REF/Part No.

F.I.T.T. Liquid, 100 ml Bottle

61132

F.I.T.T. Powder, 100 g Bottle

61144



F.I.T.T. — Standard Pack

3.10 Impression materials — Bite registration wax

Occlusal Indicator Wax

Occlusal Indicator Wax is a high-spot indicator for the checking of occlusal relationships.

Occlusal Indicator Wax	REF/Part No. 00655
180 indicator Strips, 1 waterproof pencil	



Sticky Wax

3.10 Impression materials — Waxes

Sticky Wax

Sticky Wax is a hard, fast-setting wax. Used to repair a wax pattern and for the welding of waxes. It is excellent for joining sprues to sprue bases.

Sticky Wax	REF/Part No.
Sticky Wax — Pack of 12 Sticks (approx. 27.7 g)	00623
Sticky Wax — Pack of 120 Sticks (approx. 277 g)	00625



Sticky Wax

### 3.10 Impression materials — Accessories

## Accessories for Take 1 Advanced, AlgiNot, Extrude, Alginator and Volume Machine

Accessories	REF/Part No.
Small Mixing Tips (48 Tips)	29363
Large Mixing Tips (48 Tips)	29333
Intra-Oral Tips (100 Tips) Yellow	27517
Intra-Oral Mixing Tips (100 Tips) Large	20731

## Mixing Pads

The mixing pads are made of plastic-coated special paper, which is easily detached from the pad.

Mixing Pads	REF/Part No.
Mixing Pads — 100 x 120 mm (for Permlastic)	60675



Mixing Pads



3.10 Impression materials — Retraction cords

GingiBRAID+™

GingiBRAID+ is a specially treated, impregnated or non-impregnated retraction cord braided together for quick absorption, providing immediate and effective use. The braided retraction material is made of cotton fibre that will not split or collapse in the sulcus.

- Solid cord that provides a strong physical retraction
- Can be used with any type of packing instrument
- Resists deformation and penetration by instrument
- Fast-acting haemostasis

GingiBRAID+™ ShortCut™

Short-Cut is the hassle-free, scissors-free way to dispense the GingiBRAID+ retraction cord. It has a built-in cord cutter and a dial. Each click of the dial delivers 1 cm of cord.



GingiBRAID+™ — ShortCut — Impregnated



GingiBRAID+™ — ShortCut — Non-Impregnated

GingiBRAID+™ — ShortCut™ — Impregnated — 183 cm			
Size	0a — Fine	1a — Small	2a — Medium
Colour Code	Yellow	Yellow/Purple	Yellow/Green
Al. Potassium Sulphate (mg/lb.)	0.15-0.35	0.2-0.5	0.5-0.8
REF/Part No.	13730	13731	13732

GingiBRAID+™ — ShortCut™ — Non-Impregnated — 183 cm		
Size	0n — Fine	1n — Small
Colour Code	White	White/Purple
REF/Part No.	13740	13741

## GingiKNIT+™

GingiKNIT+™ knitted retraction cord is constructed by knitting many tiny loops together to form a long interlocking chain. GingiKNIT+ places easily without fraying or memory, and conforms to the sulcus with a gentle, outward force.

GingiKNIT+ is available both as non-impregnated or impregnated with aluminium potassium sulphate. Each bottle contains 183 cm of knitted cord.

GingiKNIT+™ — Impregnated — 183 cm				
Size	00a — Fine	0a — Small	1a — Medium	2a — Large
Colour Code	Yellow/Black	Yellow/Orange	Yellow / Orange-Black	Yellow/Red
Al. Potassium Sulphate (mg/in.)	0.2-0.5	0.5-0.8	0.8-1.5	0.8-1.5
REF/Part No.	13509	13510	13511	13512

GingiKNIT+™ — Non-Impregnated — 183 cm				
Size	00n — Fine	0n — Small	1n — Medium	2n — Large
Colour Code	Yellow/Black	Yellow/Orange	Yellow / Orange-Black	Yellow/Red
REF/Part No.	13499	13500	13501	13502



GingiKNIT+™ — Impregnated



GingiKNIT+™ — Non-Impregnated

## 3.11 Temporisation

### Temp-Bond™

Temporary attachment. Permanent reliability.  
Discover the range of Temp-Bond™ temporisation solutions:

#### High bond strength.

Excellent bond strength, yet easy-to-remove when desired. Designed to prevent leakage.

#### Easy-to-remove.

Easy removal of cement minimises potential damage to the prep or temporary

#### Flexible delivery choices.

Temp-Bond Original, Temp-Bond Clear and Temp-Bond NE are available in an automix syringe. Moreover, Temp-Bond and Temp-Bond NE are also available in Unidose and tubes, offering flexible delivery options.

#### Flows and mixes easily.

Delivers optimal consistency for solid, complete seating of restorations.



# Temp-Bond™

## Temporary cement

Temp-Bond™ is a self-curing zinc-oxide eugenol-based temporary cement indicated for temporary crowns, bridges or splints, and for trial cementing permanent restorations. Its smooth flow allows for exceptional handling and results in effortless and complete restoration seating.

### Temp-Bond™ — Automix Syringe

REF/Part No. 33684

2 x 11.8 g Syringe, 20 x Mixing Tips

### Temp-Bond™ — Introductory Pack (with Modifier)

REF/Part No. 60058

1 x 50 g Tube Base, 1 x 15 g Tube Accelerator, 1 x 13 g Tube Modifier, 1 x Mixing Pad

### Temp-Bond™ — Standard Pack (without Modifier)

REF/Part No. 61087

1 x 50 g Tube Base, 1 x 15 g Tube Accelerator, 1 x Mixing Pad

### Temp-Bond™ — Unidose

REF/Part No. 31377

50 x 2.4 g Unidose

### Temp-Bond™ — Refills

REF/Part No.

Temp-Bond — 50 g Tube Base

60254

Temp-Bond — 15 g Tube Accelerator

60255

Temp-Bond — 13 g Modifier

61081

Mixing Pads — 70 x 100 mm

60913



Temp-Bond™ — Automix Syringe



Temp-Bond™ — Standard Pack



Temp-Bond™ — Unidose

# Temp-Bond™ NE™

## Non-eugenol temporary cement

Temp-Bond™ NE™ non-eugenol temporary zinc-oxide cement offers an option for patients allergic to eugenol. It does not inhibit the polymerisation of permanent resin cements and acrylic temporaries, yet provides the same flow and retentive properties of Temp-Bond.



### Temp-Bond™ NE™ — Automix Syringe

REF/Part No. 33685

2 x 11.8 g Syringe, 20 x Mixing Tips

### Temp-Bond™ NE™ — Standard Pack

REF/Part No. 60256

1 x 50 ml Tube Base, 1 x 15 ml Tube Accelerator, 1 x Mixing Pad

### Temp-Bond™ NE™ — Unidose

REF/Part No. 31973

50 x 2.4 g Unidose

### Temp-Bond™ NE™ — Refills

REF/Part No.

Mixing Pads — 70 x 100 mm

60913



Temp-Bond™ NE — Automix Syringe



Temp-Bond™ NE — Standard Pack



Temp-Bond™ NE — Unidose

## Temp-Bond™ Clear™

### Translucent provisional cement

Resin-based Temp-Bond™ Clear™ is the most translucent provisional cement available, ensuring superior aesthetics. Temp-Bond Clear offers dual curing for added security and flexibility, ease of handling, excellent mechanical retention and easy removal from preparations. Temp-Bond Clear is eugenol-free, allowing it to be used with resin luting cements.



Temp-Bond™ Clear™

#### Temp-Bond™ Clear™ — Automix Syringe

REF/Part No. 33351EU

1 x 6 g Syringe; 10 x Mixing Tips

#### Temp-Bond™ Clear™ — Accessories

REF/Part No.

Temp-Bond Clear – 50 x Automix Tip Refill

33361

## OptiClean™

### Temporary cement and debris removal

OptiClean™ is a rotary instrument with flexible coating and a 1.65 mm tip diameter. It enables fast and easy removal of temporary dental cement and debris thanks to the optimised abrasive particles that work efficiently but with minimal abrasion. It also gives clear view of the working surface since no paste or pumice slurry is required. Highly hygienic because it is single-use.



OptiClean™

#### OptiClean™ Kit

REF/Part No. 950

12 x OptiClean instruments

## 3.12 Bonding agents

### OptiBond™ Family

A rich history of clinical success has established the OptiBond brand as the reference point for all adhesion needs.

It offers a complete range to cover any procedural preference and etching technique, with a firm commitment to providing great strength, versatility and protection against microleakage at every step of the way.

All OptiBond adhesives are infused with patented GPDM monomer, known as the “Gold Standard” in adhesion. The GPDM ensures more effective and reliable adhesion than other adhesive monomers to both the tooth structure and the resin material:

- An acidic phosphate group effectively anchors the adhesive to the hydrophilic surface of the tooth.
- The presence of more methacrylate functional groups compared to other adhesive monomers, such as MDP, allows a more effective interface with the hydrophobic resin.

This combination creates better compatibility with both tooth and resin material and an overall higher bond strength.





## 3.12 Bonding agents — Universal platform

### OptiBond™ eXTRa Universal

#### Two-component universal adhesive

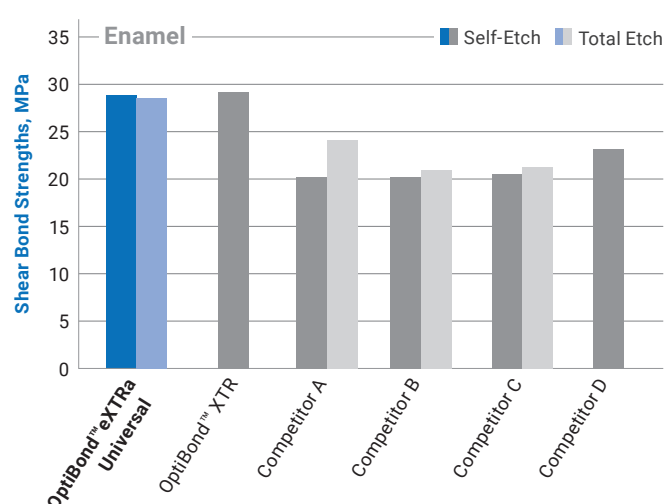
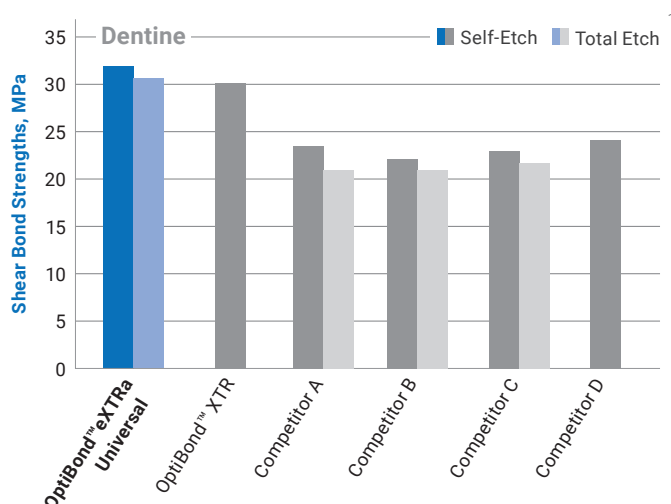
Introducing OptiBond eXTRa Universal, the bonding agent from Kerr with unique Smart pH technology and patented formula enriched with GPDM monomer and the Ternary Solvent System.

- Outstanding compatibility with virtually all types of cements, composites and core build-up materials, eliminating the need for auxiliary product
- Easy and consistent two-bottle protocol with any etching technique
- Full reliability afforded by OptiBond technology, known as the “Gold Standard” in adhesion



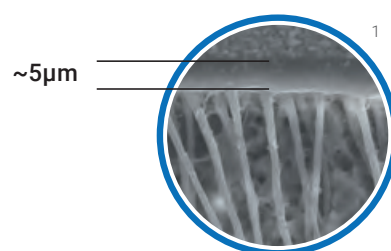
#### Bond strength to enamel and dentine

OptiBond™ eXTRa Universal yields outstanding results ensuring superior bond strength compared to leading competitors\* on both dentine and enamel. This offers a consistent outcome under different etching techniques and substrates.



#### Imperceptible film thickness

The unique formula has a very low filler load (only 15%), producing a film so thin it is not visible to the naked eye. The result is highly aesthetic without, however, compromising strength.

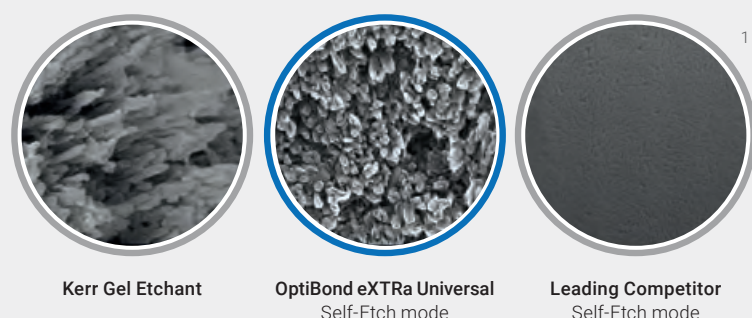


OptiBond™ eXTRa Universal

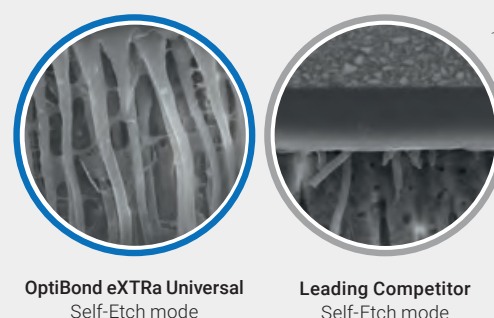
## Effective plug and seal action

The Primer component is very acidic and hydrophilic, resulting in unique nano-etching capability and outstanding dentinal tubule penetration. The Adhesive component is hydrophobic, offering efficient polymerisation to boost mechanical strength, bond durability and marginal integrity.

Uncut enamel – microscope view 50,000 x



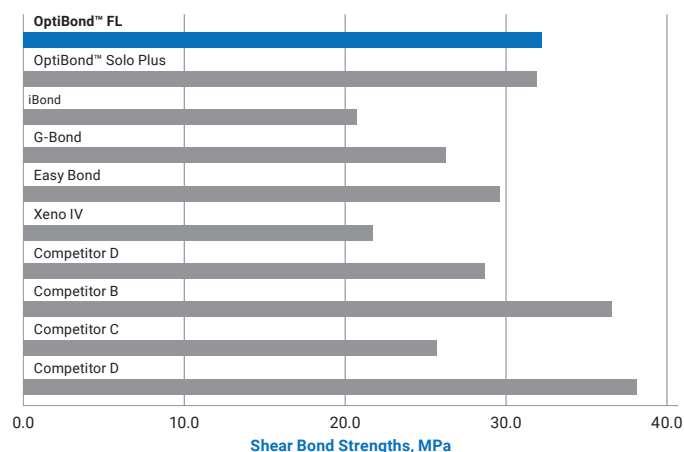
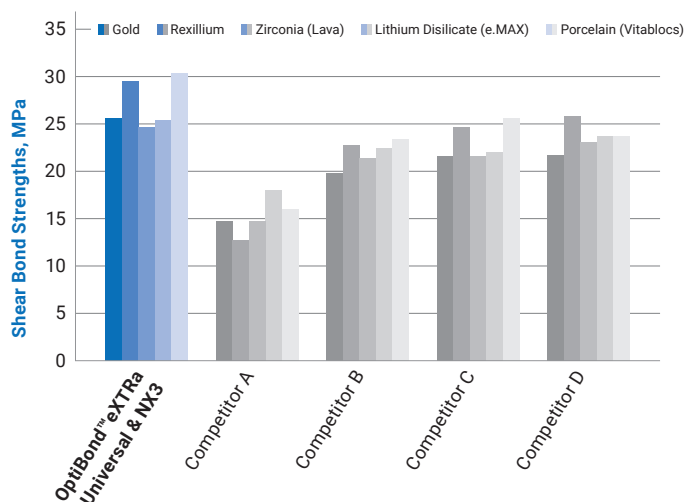
Dentine tubules – microscope view 20,000 x



\* Compared to Scotchbond™ Universal, Prime&Bond™ Elect, Adhese™ Universal, Clearfil SE Protect, Clearfil Universal Bond Quick, Futurabond U to Dentine and enamel on Self-Etch and Total Etch mode; compared to Clearfil SE Bond 2 to Dentine and enamel on Self-Etch Mode. Samples were prepared per individual manufacturer's instruction for use.

## High shear bond strength and full compatibility

The combination of OptiBond™ eXTRa Universal and NX3 universal adhesive cement proved to deliver superior bond strength to dentine without the need for auxiliary products, compared to leading competitors\*\*. So you can experience predictable outcomes with the simplicity of a consistent protocol.



### OptiBond™ eXTRa Universal

### REF/Part No.

OptiBond™ eXTRa Universal – Bottle Kit – 10 ml	36658
OptiBond™ eXTRa Universal – Unidose Kit – 100 pcs	36659
OptiBond™ eXTRa Universal – 5 ml Bottle Refill – Primer	36660
OptiBond™ eXTRa Universal – 5 ml Bottle Refill – Adhesive	36661
Applicators – 50 Applicators x 4 Boxes	24680



OptiBond™ eXTRa Universal – Bottle Kit

1. Data available on request

# OptiBond™ Universal

## Single-component universal dental adhesive

OptiBond™ Universal is the one-bottle dental bonding agent that combines the reliability of patented OptiBond GPDM technology with the ease of use of a universal solution.

It offers reliable bond strength to all surfaces and substrates, in any etching technique. Efficacy and flexibility coming together at last.

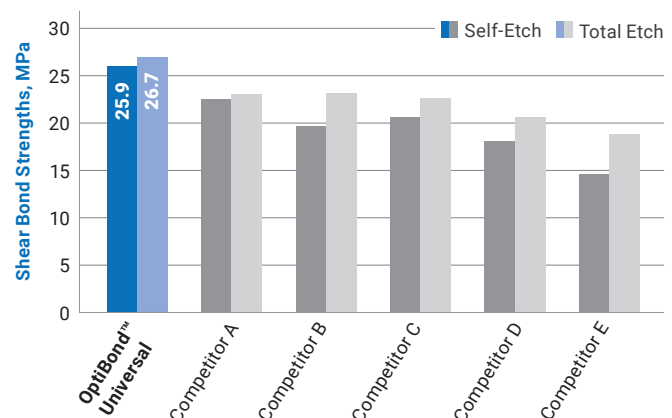
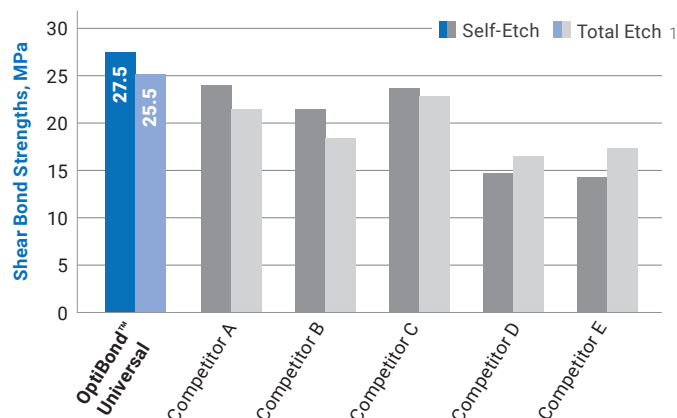
- One bottle. One coat
- Proven strength
- Complete versatility
- Protection against post-operative sensitivity



## Bond strength to enamel and dentine

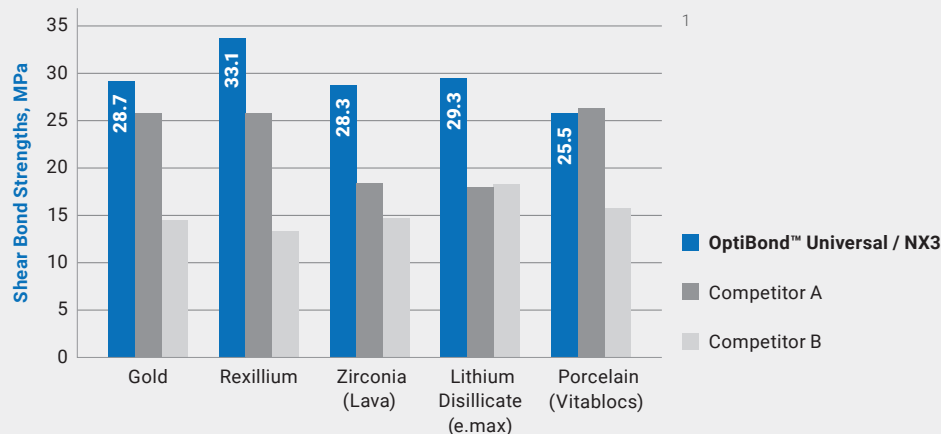
OptiBond Universal yields effective bond strength on both dentine and enamel.

It creates maximum flexibility by demonstrating great results under different etching techniques.



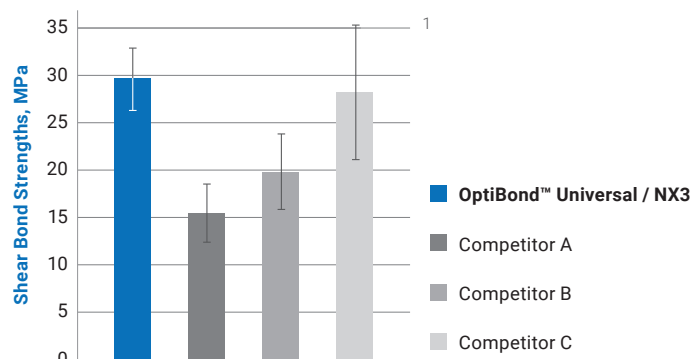
## Bond strength to various dental substrates

The combination of OptiBond Universal and NX3 universal adhesive cement facilitates high levels of indirect bond strength to various dental substrates, without the need for a separate ceramic or metal primer.



## Bond strength with cement

Using OptiBond Universal and NX3 cement together enhances bond compatibility and promotes high levels of indirect bond strength to dentine.



OptiBond™ Universal	REF/Part No.
OptiBond™ Universal – Bottle Kit – 5 ml	36517
OptiBond™ Universal – Unidose Kit – 100 pcs	36518
OptiBond™ Universal – 5 ml Bottle Refill	36519
Applicators – 50 Applicators x 4 Boxes	24680



OptiBond™ Universal – Bottle Kit

## 3.12 Bonding agents — Etch and rinse platform

### OptiBond™ FL

#### Filled, light-cure total-etch dental adhesive

Since its launch in 1995, OptiBond™ FL has established the standard in adhesive technology, validated by long-term clinical studies and recommended as the gold standard by leading dental universities worldwide.

- Unique structural bond with 48% filler load
- Efficient application flow – one-coat primer, one-coat adhesive, one-light curing; wet or dry preparations
- High radiopacity, making X-ray detection easy
- Availability in bottle and Unidose delivery
- Proven long-term performance



OptiBond™ FL	REF/Part No.
OptiBond™ FL – Bottle Kit – 16 ml	26684 E
OptiBond™ FL – Unidose Kit – 50 pcs	33352 E
OptiBond™ FL – 8 ml Bottle Refill – Primer	25881 E
OptiBond™ FL – 8 ml Bottle Refill – Adhesive	25882 E



OptiBond™ FL – Bottle Kit

# OptiBond™ Solo™ Plus

## Single component total-etch dental adhesive

OptiBond™ Solo™ Plus is a total-etch, single-component dental adhesive for virtually every clinical application. Ethanol-based, 15% filled with proprietary 0.4µm filler, OptiBond Solo Plus actually reinforces dentine tubules at much greater depths than unfilled or nano-filled systems. This means improved long-term stability and great bond strengths with direct and indirect applications.



OptiBond™ Solo™ Plus	REF/Part No.
OptiBond™ Solo™ Plus — Bottle Kit — 10 ml	29670
OptiBond™ Solo™ Plus — 5 ml Bottle Refill	29692
OptiBond™ Solo™ Plus — Unidose Refill pack — 100 pcs	29669 E



OptiBond™ Solo™ Plus — Bottle Kit

## 3.12 Bonding agents — Gel Etchant

# OptiBond™ Gel Etchant

## 37.5% phosphoric acid gel

Designed for dentine and enamel etching, the vibrant purple colour of the Kerr Gel Etchant provides excellent visibility during placement. The viscosity ensures that there will be no running or separation. Rinses clean and easily with minimum effort and features the convenience of syringe delivery.

Gel Etchant	REF/Part No.
Gel Etchant Pack — 3 x 3 g Syringes, 30 Tips	31297
Gel Etchant Economy Pack - 30 g Syringe, 2 empty intraoral Syringes, 30 Tips	34632
30 Disposable Gel Etchant Tips	26909



Gel Etchant Pack



Gel Etchant Economy Pack

# OptiBond™ selection guide

	OptiBond™ FL Two-Component, 48% Filled Adhesive	OptiBond™ Solo™ Plus Single-Component, Total-Etch Adhesive	OptiBond™ eXTRa Universal Two-Component Universal Adhesive	OptiBond™ Universal Single-Component Universal Adhesive
<b>Indications</b>				
Direct	✓	✓	✓	✓
Indirect	✗ <sup>1</sup>	✓	✓	✓
Anterior	✓	✓	✓	✓
Posterior	✓	✓	✓	✓
<b>Substrates</b>				
Dentine/Enamel/Uncut Enamel	✓	✓	✓	✓
All Ceramics Including Lithium Disilicate Ceramic	✗ <sup>1</sup>	✓ <sup>2</sup>	✓	✓
Metal-based Including Zirconia-based & Alumina-based	✗ <sup>1</sup>	✓	✓	✓
Inlay/Onlays	✗ <sup>1</sup>	✓	✓	✓
Core Build-up	✓	✓	✓	✓
Cementation of posts	✗ <sup>1</sup>	✓ <sup>3</sup>	✓	✓ <sup>3</sup>
Composite/Metal Repair	✓	✓	✓	✓
Porcelain Repair	✓	✓	✓	✓
Amalgam Sealing	✓	✓	✓	✓
<b>Auxiliary products needed</b>				
Gel Etchant	●	●	● <sup>4</sup>	● <sup>4</sup>
Silane	-	●	● <sup>5</sup>	● <sup>5</sup>
Metal Primer	-	● <sup>5</sup>	● <sup>5</sup>	● <sup>5</sup>
Total Dark Cure Mode Capability for cementation	-	●	● <sup>6</sup>	●
<b>Bonding Compatibility</b>				
Compatible with all Resin Cements & Core Build-up	-	● <sup>3</sup>	● <sup>7</sup>	● <sup>3</sup>

## Notes

1. Not available due to high film thickness  
2. Use with Silane

3. Use only with NX3 cement  
4. Optional  
5. Not required

6. With NX3 Cement  
7. Compatible with any resin cements

## Legend

- ✓ Recommended.  
✓ Secondary Recommendation.  
✗ Not Recommended.

- Yes.  
● Optional.  
● No.

## 3.13 Composites — Universal

# SimpliShade™

## Simplified Universal Composite System



### Simplify Shade-matching

Shade selection made easier and faster. SimpliShade matches all 16 VITA classical shades with just 3 shades: Light, Medium, Dark.

### Adaptive Response Technology (ART)

The ART filler network, a proven technology found in Harmonize, helps you achieve lifelike restorations with exceptional strength and unmatched esthetics.

### Streamline Inventory Management

Save time and money with minimal shades to meet almost all your composite needs. Declutter your shelves, avoid the burden of re-ordering too many different part numbers, and reduce or eliminate expired products.

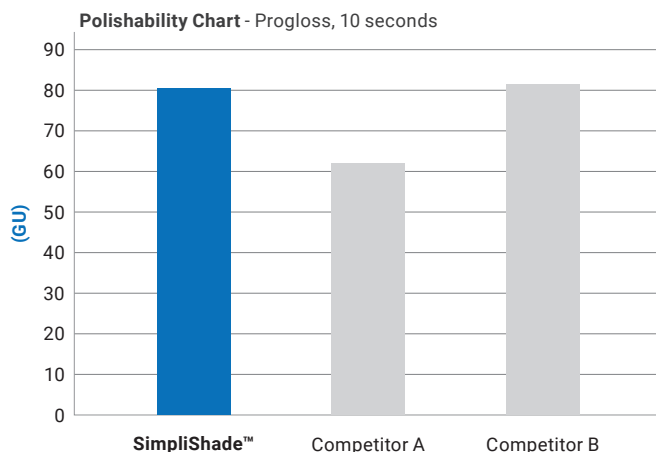
### Universal For All Cavity Classes

Use SimpliShade with confidence in all cavity classes without the need for a blocker, unlike other competitors.<sup>1</sup>

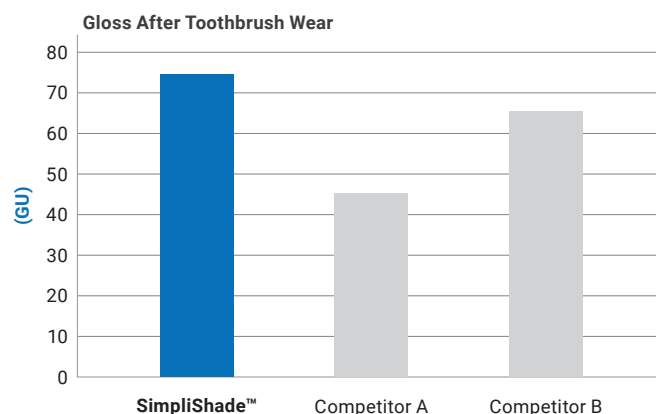


## Restorations That Shine

SimpliShade's smaller particle size of 50nm allows for better polishability and ability to maintain luster and gloss over time.<sup>1</sup>



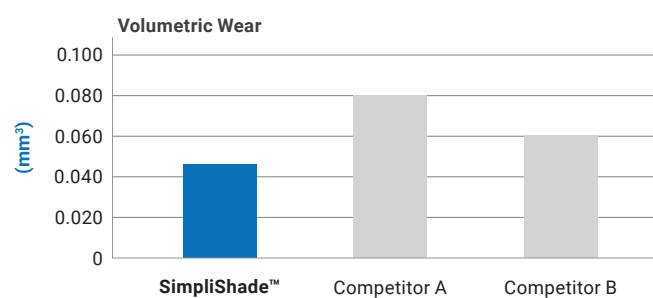
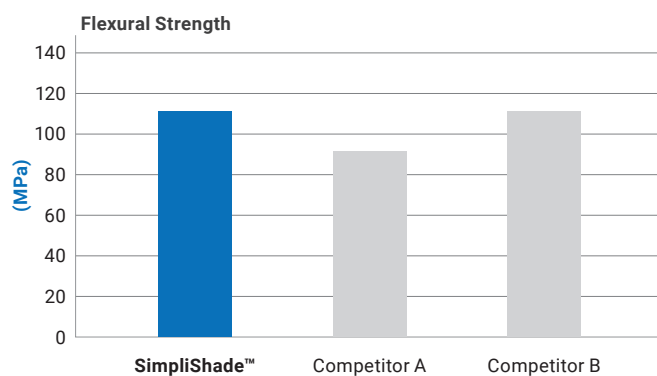
1





## Longer-lasting Restorations

ART system allows for high loading of 81% for excellent strength, better resistance to chipping and fracture overtime.



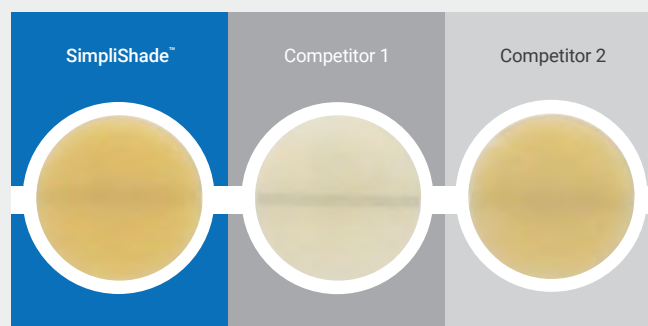
## Excellent Radiopacity

The more radiopaque, the easier it is to distinguish the restoration from the tooth structure under a radiograph. SimpliShade at 300% AI is almost twice as radiopaque as competition.<sup>1</sup>



## Optimal Translucency

SimpliShade provides ideal opacity to mimic tooth structure, to better mask underlying tooth stains, and blend well with surrounding dentition, resulting in a more lifelike restoration.<sup>1</sup>



SimpliShade™	REF/Part No.
SimpliShade – 4g Syringe – Light	37001
SimpliShade – 4g Syringe – Medium	37002
SimpliShade – 4g Syringe – Dark	37003
SimpliShade – 4g Syringe – Bleach White	37004
SimpliShade – 4g Syringe – Universal Opaque	37005
SimpliShade – 20x 0.25g Unidose – Light	37006
SimpliShade – 20x 0.25g Unidose – Medium	37007
SimpliShade – 10x 0.25g Unidose – Dark	37008
SimpliShade – 10x 0.25g Unidose – Bleach White	37009
SimpliShade – 10x 0.25g Unidose – Universal Opaque	37010

# Harmonize™

## Universal composite with Adaptive Response Technology

Harmonize™ begins with ART, Adaptive Response Technology, the nanoparticle filler system that makes achieving lifelike restorations easier than ever before. It is formed of 81% inorganic material by weight, with an average primary particle size of less than 50 nm.

It is the ART in Harmonize that enables:

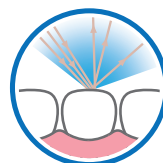
- Adaptive reflection to the light wavelength for an enhanced chameleon effect
- Superior gloss retention and easier polishability
- Adaptive viscosity for an easy shape of the composite and prevention of slumping
- Minimised stickiness and simplified carving
- Better curing efficacy for a long-lasting performance.



### Light reflection like a natural tooth

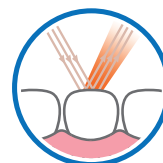
Just like a natural human tooth, and unlike other universal composites, Harmonize adapts to the light wavelength by reflecting diffuse light at lower wavelengths and specular light at higher wavelengths. This results in better blending than leading composites.<sup>1</sup>

Lower wavelengths  
- Blue colour -

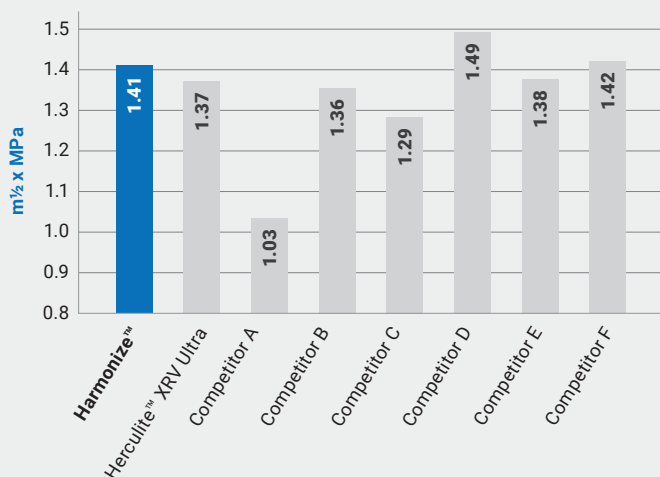


Diffuse reflection

Higher wavelengths  
- Red colour -



Specular reflection



### Proven mechanical strength

Harmonize demonstrates superior strength to other composites.

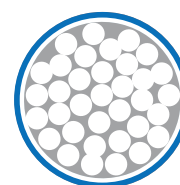
## Spherical shape

The spherical shape of the ART filler system is carefully controlled to maximise loading, minimising stickiness and simplifying carving. This reduces the risk of pullback and cavosurface voids.

Competition



Harmonize



### Harmonize™ — Syringe Intro Kit

REF/Part No. 36633

4 x 4 g Syringe (1 x Dentine A3, 1 x Dentine A3.5, 1 x Enamel A2, 1 x Enamel A3),  
Instructions for Use

### Harmonize™ — Unidose Intro Kit

REF/Part No. 36634

40 x 0.25 g Unidose (10 x Dentine A3, 10 x Dentine A3.5, 10 x Enamel A2, 10 x Enamel A3),  
Instructions for Use

### Harmonize™ — Syringe Advanced Kit

REF/Part No. 36635

8 x 4 g Syringe (1 x Dentine A2, 1 x Dentine A3, 1 x Dentine A4, 1 x Enamel A2, 1 x Enamel A3,  
1 x Incisal Amber, 1 x Incisal Clear, 1 x Incisal Grey), Instructions for Use

### Harmonize™ — Refills

Shade	1 x 4 g Syringe	20 x 0.25 g Unidose
Harmonize — Dentine A1	36545	36571
Harmonize — Dentine A2	36536	36572
Harmonize — Dentine A3	36546	36573
Harmonize — Dentine A3.5	36547	36574
Harmonize — Dentine A4	36548	36575
Harmonize — Dentine B3	36549	36576
Harmonize — Dentine C4	36550	36577
Harmonize — Dentine XL2	36551	36578
Harmonize — Enamel A1	36552	36579
Harmonize — Enamel A2	36537	36542
Harmonize — Enamel A3	36553	36581
Harmonize — Enamel A3.5	36554	36582
Harmonize — Enamel A4	36555	36583
Harmonize — Enamel B1	36556	36584
Harmonize — Enamel B2	36557	36585
Harmonize — Enamel B3	36558	36586
Harmonize — Enamel B4	36559	36587
Harmonize — Enamel C1	36560	36588
Harmonize — Enamel C2	36561	36589
Harmonize — Enamel C3	36562	36590
Harmonize — Enamel C4	36563	36591
Harmonize — Enamel D2	36564	36592
Harmonize — Enamel D3	36565	36593
Harmonize — Enamel D4	36566	36594
Harmonize — Enamel XL	36567	36595
Harmonize — Incisal Translucent Amber	36538	36543
Harmonize — Incisal Translucent Blue	36568	36597
Harmonize — Incisal Translucent Clear	36569	36598
Harmonize — Incisal Translucent Grey	36570	36599
Harmonize — Incisal Translucent SuperClear	36539*	* 3 g Syringe



Harmonize™ — Syringe Intro Kit



Harmonize™ — Unidose Intro Kit



Harmonize™ — Syringe Advanced Kit

# Herculite™ XRV Ultra™

## Universal nanohybrid dental composite

Based on the well-established Herculite XRV formula, Herculite™ XRV Ultra™ uses nano-filler technology to bring more comfortable handling, polishability and wear resistance. It also replicates the opalescence and fluorescence of the natural tooth to give a more aesthetic appearance.



### Herculite™ XRV Ultra™ — Standard Kit Syringe REF/Part No. 33856

10 Syringes (4 g) in shades: Enamel A1, A2, A3, A3.5, B2, B3, C2, D2 Dentine A2, A3, Accessories\*

### Herculite™ XRV Ultra™ — Standard Kit Unidose REF/Part No. 33857

10 Unidoses (10 x 0.2 g) in shades: Enamel A1, A2, A3, A3.5, B2, B3, C2, D2 Dentine A2, A3, Accessories\*

### Herculite™ XRV Ultra™ — Intro Kit Syringe REF/Part No. 33858

6 Syringes (4 g) in shades: Enamel A1, A2, A3, A3.5, D2 — Dentine A2, Accessories\*

### Herculite™ XRV Ultra™ — Intro Kit Unidose REF/Part No. 33859

Contents: 6 Unidoses® (10 x 0.2 g) in shades: Enamel A1, A2, A3, A3.5, D2 Dentine A2, Accessories\*

\* 1 Premise Flowable A2 composite (1.7 g), 10 Tips for flowable composite, 1 OptiBond™ Solo Plus™ Bottle (5 ml), 1 Gel Etchant (3 g), 1 OptiDisc™ Sample Kit with 15 pcs of Extra-coarse, Coarse/Medium, Fine and Extra-fine OptiDiscs size 12.6 mm and 2 mandrels, 25 Mixing Wells, 50 Applicator Tips, 10 Gel Etchant Syringe Tips

### Herculite™ XRV Ultra™ — Mini Kit Syringe with OptiBond Solo Plus REF/Part No. 33860

3 Syringes (4 g): Enamel A2, A3 and Dentine A2, 1 OptiBond Solo Plus Bottle (5 ml), 1 Gel Etchant (3 g), 25 Mixing Wells, 50 Applicator Tips

### Herculite™ XRV Ultra™ — Mini Kit Unidose with OptiBond Solo Plus REF/Part No. 34071

3 Unidoses (10 x 0.2 g): Enamel A2, A3 and Dentine A2, 1 OptiBond Solo Plus Bottle (5 ml), 1 Gel Etchant (3 g), 25 Mixing Wells, 50 Applicator Tips

### Herculite™ XRV Ultra™ — Refills

Shade	1 x 4 g Syringe	20 x 0.2 g Unidose
Herculite XRV Ultra — Enamel XL	34001	34028
Herculite XRV Ultra — Enamel A1	34002	34029
Herculite XRV Ultra — Enamel A2	34003	34030
Herculite XRV Ultra — Enamel A3	34004	34031
Herculite XRV Ultra — Enamel A3.5	34005	34032
Herculite XRV Ultra — Enamel A4	34006	34033
Herculite XRV Ultra — Enamel B1	34007	34034



Herculite™ XRV Ultra™ — Standard Kit Syringe

**Herculite™ XRV Ultra™ — Refills**

Shade	1 x 4 g Syringe	20 x 0.2 g Unidose
Herculite XRV Ultra — Enamel B2	34008	34035
Herculite XRV Ultra — Enamel B3	34009	34036
Herculite XRV Ultra — Enamel B4	34010	34037
Herculite XRV Ultra — Enamel C1	34011	34038
Herculite XRV Ultra — Enamel C2	34012	34039
Herculite XRV Ultra — Enamel C3	34013	34040
Herculite XRV Ultra — Enamel C4	34014	34041
Herculite XRV Ultra — Enamel D2	34015	34042
Herculite XRV Ultra — Enamel D3	34016	34043
Herculite XRV Ultra — Enamel D4	34017	34044
Herculite XRV Ultra — Incisal — Neutral	34027	34054
Herculite XRV Ultra — Dentine A1	34018	34045
Herculite XRV Ultra — Dentine A2	34019	34046
Herculite XRV Ultra — Dentine A3	34020	34047
Herculite XRV Ultra — Dentine A3	34021	34048
Herculite XRV Ultra — Dentine B1	34022	34049
Herculite XRV Ultra — Dentine B2	34023	34050
Herculite XRV Ultra — Dentine C2	34024	34051
Herculite XRV Ultra — Dentine D2	34025	34052
Herculite XRV Ultra — Dentine D3	34026	34053
Herculite XRV Ultra — Medium Incisal	35371	35370



Herculite™ XRV Ultra™ — Intro Kit Syringe



Herculite™ XRV Ultra™ — Mini Kit Syringe

# Herculite™ XRV

## Universal microhybrid composite

Herculite™ XRV has been the industry standard for dental composites for 20 years. Based on micro-filled technology, it is proven to bring long-term durability to restorations. It is formed of 79% inorganic material (by weight), with an average particle size of 0.6 µm.



### Herculite™ XRV — aesthetic Kit with OptiBond Solo Plus

REF/Part No. 30893

1 x 5 g Syringe of each shade: Enamel — A1, A2, A3, A3.5, A4, B1, B2, B3, B4, C1, C2, C3, C4, D2, D3, D4. Dentine — A2, A3, A3.5, B1, B2, C2, D2. 1 x 2.5 g Syringe of each shade: Incisal Medium and Incisal Light, 5 ml Bottle OptiBond Solo Plus, 50 Disposable Applicator Tips, 25 Disposable Mixing Wells, 1 x 3 g Gel Etchant Syringe with 10 Disposable Tips

### Herculite™ XRV — General Kit with OptiBond Solo Plus

REF/Part No. 30894

1 x 5 g Syringe of each shade: Enamel — A1, A2, A3, A3.5, B1, B3, C2, C3, D2, D3. Dentine — A2, B1, C2, D2. 1 x 2.5 g Syringe of each shade: Incisal Medium and Incisal Light, 5 ml Bottle OptiBond Solo Plus, 50 Disposable Applicator Tips, 25 Disposable Mixing Wells, 1 x 3 g Gel Etchant Syringe with 10 Disposable Tips

### Herculite™ XRV — Refills

Shade	1 x 4 g Syringe	20 x 0.2 g Unidose
Herculite XRV — Enamel A1	22859	23036
Herculite XRV — Enamel A2	22860	23037
Herculite XRV — Enamel A3	22861	23038
Herculite XRV — Enamel A3.5	22862	23039
Herculite XRV — Enamel A4	22863	23040
Herculite XRV — Enamel B1	22864	23041
Herculite XRV — Enamel B2	22865	23042
Herculite XRV — Enamel B3	22866	23043
Herculite XRV — Enamel B4	22867	23044
Herculite XRV — Enamel C1	22868	23045
Herculite XRV — Enamel C2	22869	23046
Herculite XRV — Enamel C3	22870	23047



Herculite™ XRV — General Kit

**Herculite™ XRV — Refills**

<b>Shade</b>	<b>1 x 4 g Syringe</b>	<b>20 x 0.2 g Unidose</b>
Herculite XRV — Enamel C4	22871	23048
Herculite XRV — Enamel D2	22872	23049
Herculite XRV — Enamel D3	22873	23050
Herculite XRV — Enamel D4	22874	23051
Herculite XRV — Dentine A1	23391	-
Herculite XRV — Dentine A2	22875	23052
Herculite XRV — Dentine A3	22876	23053
Herculite XRV — Dentine A3.5	22877	23054
Herculite XRV — Dentine A4	23390	-
Herculite XRV — Dentine B1	22878	23055
Herculite XRV — Dentine B2	22879	23056
Herculite XRV — Dentine B3	23389	-
Herculite XRV — Dentine B4	23388	-
Herculite XRV — Dentine C1	23387	-
Herculite XRV — Dentine C2	22880	23057
Herculite XRV — Dentine C3	23386	-
Herculite XRV — Dentine C4	23385	-
Herculite XRV — Dentine D2	22881	23058
Herculite XRV — Dentine D3	23384	-
Herculite XRV — Dentine D4	23392	-
Herculite XRV — Cervical Red/Brown	29832	-
Herculite XRV — Cervical Yellow/Brown	29834	-
Herculite XRV — Incisal Light	22882*	23059
Herculite XRV — Incisal medium	22883*	23060

\* 2.5 g Syringe



# Premise™

## Trimodal nanohybrid composite

Premise™ has a trimodal filler system which uses three distinct filler sizes to increase loading. In addition, the incorporation of PPF (pre-polymerised filler) limits shrinkage and enhances polishability and wear resistance. Premise also builds on the proven success of Point4 by using the same 0.4µm barium glass filler.



Premise™ – Standard Kit

### Premise™ – Syringe Mini Kit

REF/Part No. 35372

1 x 4 g Syringe of each shade: Enamel A2, A3, Dentine A3, OptiBond Solo Plus 5 ml, 50 Applicator Tips.

### Premise™ – Refills

Shade	1 x 4 g Syringe	20 x 0.2 g Unidose
Premise – Enamel A1	32712	32745
Premise – Enamel A2	32713	32746
Premise – Enamel A3	32714	32747
Premise – Enamel A3.5	32715	32748
Premise – Enamel A4	32716	32749
Premise – Enamel B1	32717	32750
Premise – Enamel B2	32718	32751
Premise – Enamel B3	32719	32752
Premise – Enamel B4	-	32753
Premise – Enamel C1	32721	32754
Premise – Enamel C2	32722	-
Premise – Enamel C3	32723	32756
Premise – Enamel C3	32723	32756
Premise – Enamel C4	-	32757
Premise – Enamel D2	32725	-
Premise – Enamel D3	32726	32759
Premise – Enamel D4	32727	32760
Premise – Enamel XL1	32728	-
Premise – Enamel XL2	32729	-
Premise – Dentine A2	32730	32763
Premise – Dentine A3	32731	32764
Premise – Dentine A3.5	32732	32765
Premise – Dentine A4	32733	32766
Premise – Dentine B1	32734	32767
Premise – Dentine B2	-	32768
Premise – Dentine D2	32737	32770
Premise – Translucent Amber	32738	-
Premise – Translucent Grey	-	32772
Premise – Translucent Clear	32740	32773
Premise – Translucent SuperClear	32741	32774

# Point4™

## Optimised particle composite system

When first introduced to the market, Point4™ represented years of research aimed at bridging the gap between micro-filled and hybrid composite materials. It is an optimised particle composite system made of 76% inorganic filler (by weight), with an average particle size of 0.4 µm. Suitable for anterior and posterior restorations, it is available in 16 Vita shades.



Point4™

### Point4™ – Refills

Shade	1 x 4 g Syringe	20 x 0.2 g Unidose
Point4 – A1	29876	29898
Point4 – A2	29877	29899
Point4 – A3	29878	29900
Point4 – A3.5	29879	29901
Point4 – A4	29880	29902
Point4 – B1	29881	29903
Point4 – B2	29882	29904
Point4 – B3	29883	29905
Point4 – B4	29884	29906
Point4 – C1	29885	29907
Point4 – C2	29886	29908
Point4 – C3	29887	29909
Point4 – C4	29888	29910
Point4 – D2	29889	29911
Point4 – D3	29890	29912
Point4 – D4	29891	29913
Point4 – XL1	29892	29914
Point4 – XL2	29893	29915
Point4 – Translucent T1	29895	29917
Point4 – Translucent T2	29896	-
Point4 – Translucent T3	29897	-
Point4 – Opaque A2	31360	31368
Point4 – Opaque A3	31361	31369
Point4 – Opaque A3.5	31362	31370
Point4 – Opaque B1	31364	-
Point4 – Opaque B2	31365	-

### 3.13 Composites — Bulk-fill

## SimpliShade™ Bulk Fill

Universal Bulk-fill Composite

### Simplify with One Shade and One Step

Beautiful restorations just got simpler, with SimpliShade™ Bulk Fill. You can skip the capping layer with a one-step placement and reduce inventory requirements with one shade for all 16 VITA® classical shades.

Powered by Ternary Adaptive Response Technology (ART3), SimpliShade Bulk Fill is easy to handle with low shrinkage stress.

SimpliShade™ Bulk Fill is indicated for **Class I-V restorations** - direct placement of anterior and posterior restorations, core build-ups, and repair of defects in restorations.



### Handling Properties

Adaptive rheological response technology reduces viscosity during manipulation for easier sculpting and anatomy creation.

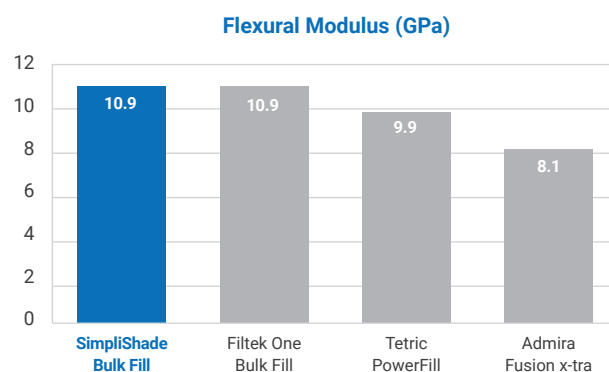
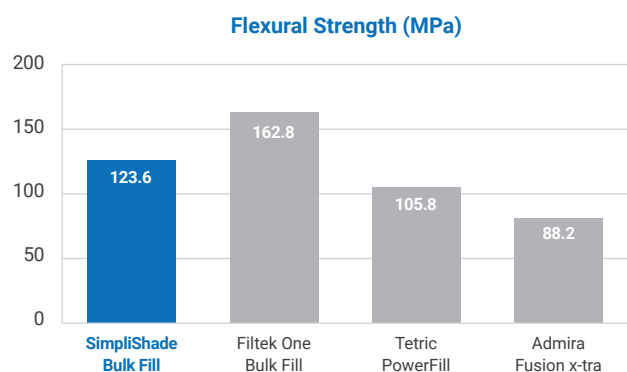


### ART3: A New Way to Bulk Fill

Achieve lifelike restorations with the next generation of clinically proven Adaptive Response Technology (ART) found in Harmonize™ and OptiShade Universal Composite. Powered by Enhanced Adaptive Response Technology, SimpliShade Bulk Fill offers easy handling and low shrinkage.

## Flexural Strength

SimpliShade Bulk Fill shows slightly lower flexural strength compared to Filtek™ One Bulk Fill but higher flexural strength than Tetric® PowerFill and Admira® Fusion x-tra, resulting in better long-term resistance to chipping and higher fracture resistance.

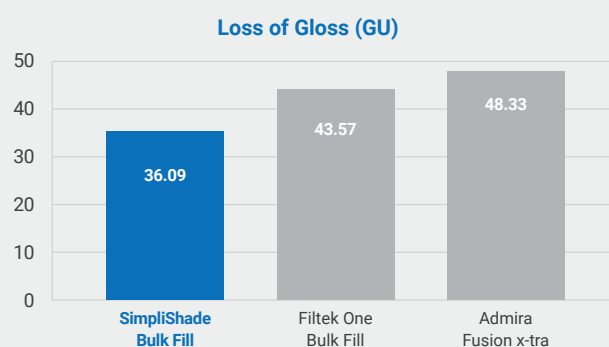


Authors: Drs. Jack L. Ferracane and Carmem S. Pfeifer, Oregon Health & Science University, Portland, OR.

## Gloss Retention

SimpliShade Bulk Fill has the highest gloss retention compared to Filtek One Bulk Fill and Admira Fusion x-tra. This means that the esthetic initial gloss of the restoration is maintained for longer.

Author: Prof. Dr. Nate Lawson, University of Alabama at Birmingham, Birmingham, AL.



## Customer Testimonials



*"SimpliShade Bulk Fill revolutionizes my approach to composites in molar and premolar restorations. Its convenience and ease of use with basic dental instruments are unmatched."*

**Dr. Maciej Mikołajczyk\***  
Lodz, Poland



*"SimpliShade Bulk Fill offers a three-in-one solution with its universal shade, ideal consistency and excellent adaptability for simplicity and efficiency."*

**Prof. Joseph Sabbagh\***  
Brussels, Belgium



*"Composite with wonderful consistency that allows easy application and modeling. Quick and simple work protocol, great shading."*

**Dr. Dimitar Kosturkov\***  
Sofia, Bulgaria

### SimpliShade™ Bulk Fill

### REF/Part No.

SimpliShade Bulk Fill Composite Syringe

37211

SimpliShade Bulk Fill Composite Unidose 20 Pack

37212

# SonicFill™ 3

## Single-Fill™ Bulk-fill dental composite system

SonicFill™ 3 is the unique bulk-fill composite system powered by sonic energy, expertly blending KaVo technology and Kerr material knowledge into one system. A patented rheological modifier reacts to sonic energy:

- **Sonic energy applied:** viscosity drops for quick and precise placement
- **Sonic energy interrupted:** viscous non-slumping state for great carving

SonicFill 3 does not require liner nor capping layer, and its unique features in terms of adaptation and depth of cure of up to 5 mm make it ideal for all larger cavity restorations. The lower shrinkage stress than other bulk-fill or conventional composites ensures marginal integrity and reduces post-operative sensitivity.

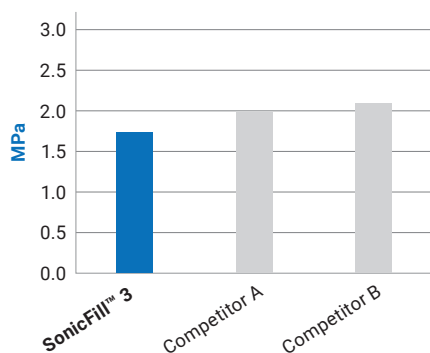
All this makes it possible to achieve a successful restoration in a simple single step.



## Proven outcomes. A step up from the rest.

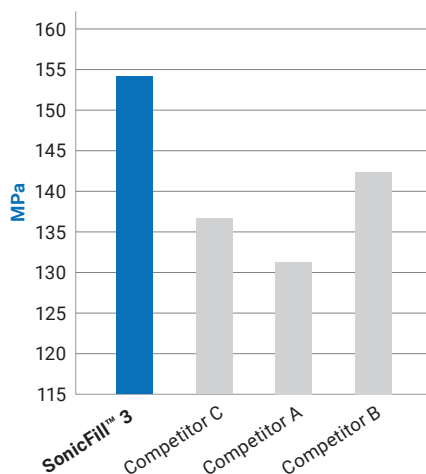
### Shrinkage Stress

Restore confidently with a flowable bulk fill composite that offers comparable or higher mechanical strength than the competitors.



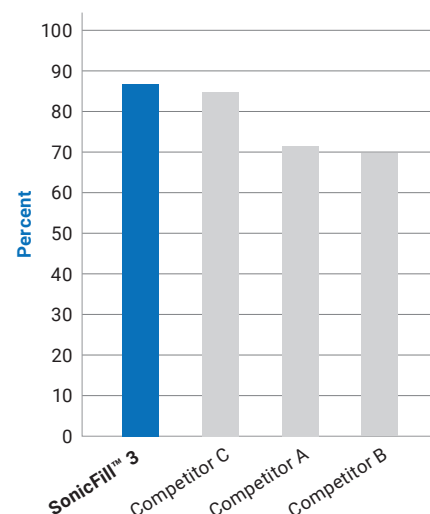
### Flexural Strength

SonicFill™ 3 has a higher flexural strength than competitors.\*

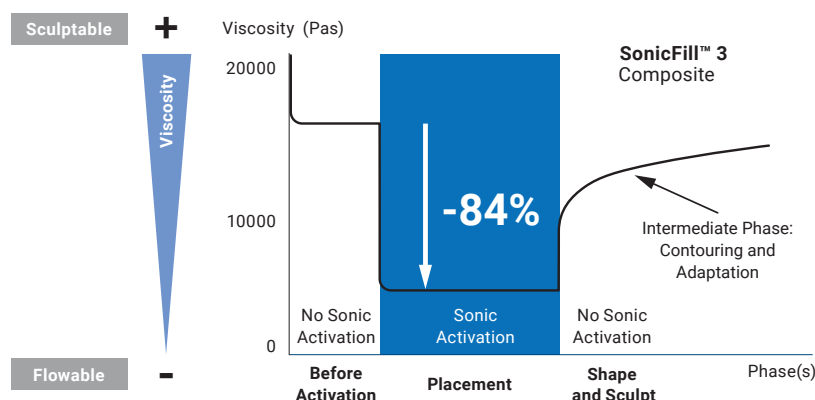


### Degree of Conversion

At 5mm, SonicFill™ 3 showed 86.6% hardness at the bottom when compared to the top.\*



### Activation - Efficient Liquefaction

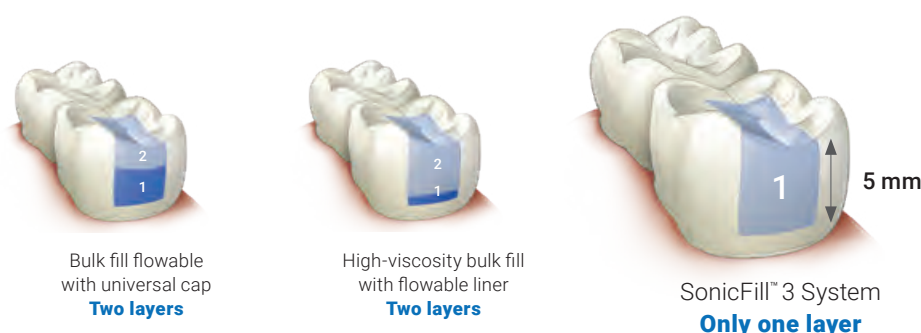


### Unique, patented technology

SonicFill's secret lays in its highly-filled proprietary resin with special modifiers that react to sonic energy applied through the handpiece. When sonic energy is applied the viscosity drops (up to 84 %), enabling quick placement and precise adaptation to the cavity walls. When the sonic energy is stopped, the composite returns to a more viscous, non-slumping state that is perfect for carving and contouring.

### The fewer steps, the less chance of misstep

SonicFill™ 3 replaces conventional time-consuming, multi-stage layering techniques with a SingleFill™ Composite System that eliminates the need for placing a liner or final capping layer.



#### SonicFill™ 3 – Intro Kit

REF/Part No. 36715

1 x SonicFill Handpiece + Instructions for Use, 1 x Getting Started Pack (5 Unidose Tips and 5 Tooth Models), 10 x 0.2 g SonicFill 3 Unidose A1 Composite, 20 x 0.2 g SonicFill 3 Unidose A2 Composite, 30 x 0.25 g SonicFill 3 Unidose A3 Composite, Instructions for Use, Technique Guide

#### SonicFill™ 3 – Unidose Tips – 20 x 0.25 g

REF/Part No.

SonicFill 3 – Unidose Composite Refill A1	36711
SonicFill 3 – Unidose Composite Refill A2	36712
SonicFill 3 – Unidose Composite Refill A3	36713
SonicFill 3 – Unidose Composite Refill B1	36714

#### SonicFill™ – Handpiece

REF/Part No. 1.007.7400

SonicFill Handpiece to activate SonicFill Unidose Tips. (Adjustable with 5 power settings)

#### SonicFill™ – Multiflex Couplings

REF/Part No.

SonicFill – Multiflex Coupling 465LED	1.007.3197
SonicFill – Multiflex Coupling 457	0.553.1210
SonicFill – Multiflex Coupling 454N	0.553.1620



SonicFill™ 3 – Intro Kit



SonicFill™ 3 – Unidose Composite Refill

## 3.13 Composites — Flowable

# SimpliShade™ Bulk Fill Flow

Universal Bulk-fill Flowable Composite

## Simplify with One Shade and One Step

Reach every area of the tooth's anatomy while saving time with SimpliShade Bulk Fill Flow. Requiring just one shade to match all 16 VITA® classical shades, SimpliShade Bulk Fill Flow easily adapts to the cavity floor — with exceptional durability and depth of cure.

SimpliShade™ Bulk Fill Flow is indicated for base/liner under **Class I** and **Class II** direct restorations, pit and fissure sealant, restoration of small cavities, **Class III** and **Class V** restorations, blocking out undercuts, small core build-ups, and repair of resin and acrylic provisional restorations.



### Save Time

Simplify your workflow with just one step to cure up to 4mm, before adding a capping layer.



### Go with the Flow

Fill every area of the tooth's anatomy with a self-leveling bulk fill flowable that easily adapts to the cavity floor.



### Add Confidence

Restore confidently with a flowable bulk fill composite that offers comparable or higher mechanical strength than the competitors.



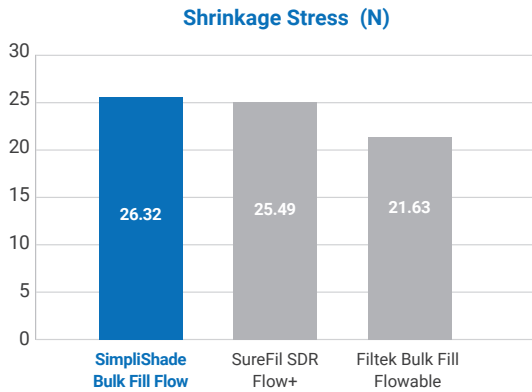
### Lower Shrinkage

Helps assure a long-lasting restoration with lower polymerization shrinkage and shrinkage stress when compared to other bulk fill brands.

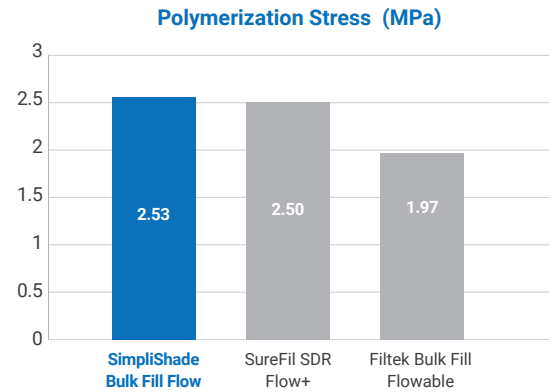


## Flexural Strength

SimpliShade Bulk Fill shows slightly lower flexural strength compared to Filtek™ One Bulk Fill but higher flexural strength than Tetric® PowerFill and Admira® Fusion x-tra, resulting in better long-term resistance to chipping and higher fracture resistance.



Author: Prof. Dr. Nate Lawson, University of Alabama at Birmingham, Birmingham, AL

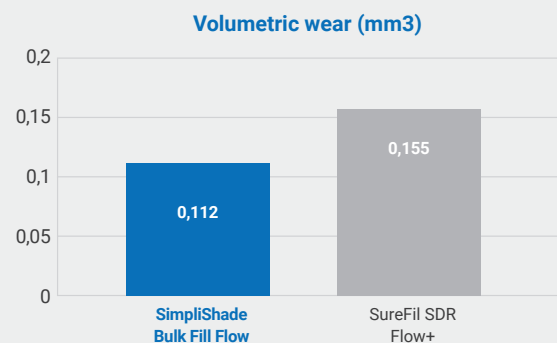


Authors: Drs. Jack L. Ferracane and Carmem S. Pfeifer, Oregon Health & Science University, Portland, OR

## Gloss Retention

SimpliShade Bulk Fill has the highest gloss retention compared to Filtek One Bulk Fill and Admira Fusion x-tra. This means that the esthetic initial gloss of the restoration is maintained for longer.

Author: Prof. Dr. Nate Lawson, University of Alabama at Birmingham, Birmingham, AL



## Customer Testimonials



*"Exceptional handling perfectly complements the Snow-plow restoration technique from StyleItalliano."*

**Prof. Angelo Putignano\***  
Ancona, Italy



*"An impressive and innovative bulk fill flowable composite with great marginal adaptation, fast application with self-leveling and low shrinkage characteristics."*

**Dr. Iulian-Costin Lupu\***  
Iasi, Romania



*"Exceptional combination of good handling, low translucency and voids free flowable bulk fill composite with great radio-opacity."*

**Dr. Hossam Kamel\***  
Alexandria, Egypt

### SimpliShade™ Bulk Fill Flow

### REF/Part No.

SimpliShade Bulk Fill Flow Syringe

37217

SimpliShade Bulk Fill Flow Unidose 20 Pack

37218

# Vertise™ Flow

## Self-adhering flowable composite

Vertise™ Flow is the first self-adhering flowable dental composite powered by OptiBond™ technology. It greatly simplifies direct restorative procedures by incorporating a bonding agent into a flowable, reducing steps and saving time.

### Vertise™ — Test-Me Kit REF/Part No. 34398

1 x 2 g Syringe A2 shade, 10 Application Brushes, 10 Tips

### Vertise™ — Assorted Kit REF/Part No. 34399

4 x 2 g Syringe in A2, A3, A3.5, UO, 40 Application Brushes, 40 Tips

### Vertise™ — Paedodontic Kit REF/Part No. 34400

4 x 2 g Syringe in shades A1, B1, XL, Translucent, 40 Application Brushes, 40 Tips

### Vertise™ — Refills REF/Part No.

2 x 2 g Syringes, 20 Application Brushes, 20 Tips

Vertise — A1	34401
Vertise — A2	34402
Vertise — A3	34403
Vertise — A3.5	34404
Vertise — B1	34405
Vertise — B2	34406
Vertise — Universal Opaque	34407
Vertise — XL	34408
Vertise — Translucent	34409

### Vertise™ — Brushes and Tips Refill REF/Part No. 34410

25 x Application Brushes and Tips



Vertise™ — Test-Me Kit



Vertise™ — Assorted Kit



Vertise™ — Refills

# Herculite™ XRV Ultra Flow

## Nanohybrid flowable composite

Herculite™ XRV Ultra Flow combines the long-standing expertise of the Herculite brand in an innovative flowable composite.

The Smart Placement Technology offered by a rheological additive helps reduce surface tension as the material contacts the tooth surface under pressure – allowing it to flow to the boundaries of the restoration.

The same additive encourages higher surface tension after the material has been placed. The formula also guarantees flexural strength as well as excellent gloss retention and easy polishability.



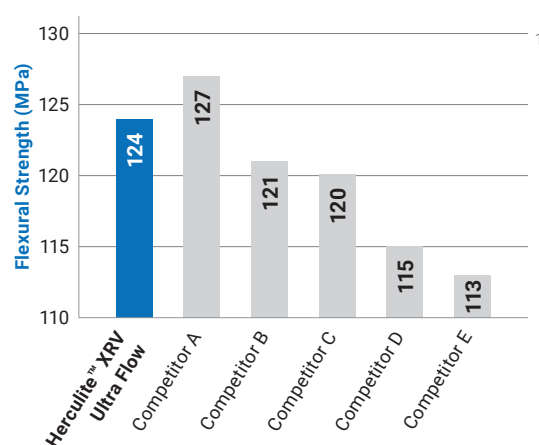
Herculite™ XRV Ultra Flow



## A flowable with the performance you need

### Outstanding flexural strength

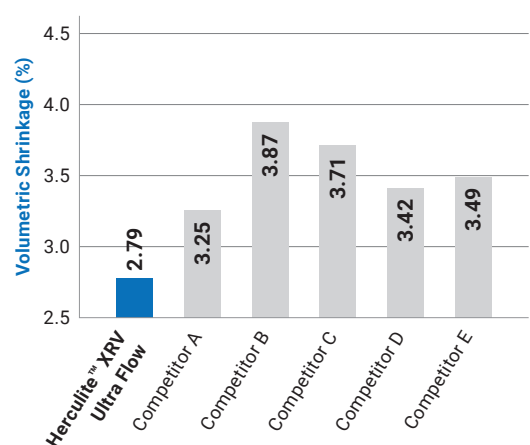
Similar to its companion Herculite XRV Ultra, Herculite XRV Ultra Flow has excellent mechanical properties, including strength.



Herculite™ XRV Ultra Flow — Refill Syringes	REF/Part No.
Herculite XRV Ultra Flow — A2	35408
Herculite XRV Ultra Flow — A3	35409
Herculite XRV Ultra Flow — A3.5	35410
Herculite XRV Ultra Flow — A4	35411
Herculite XRV Ultra Flow — B1	35412
Herculite XRV Ultra Flow — B2	35413
Herculite XRV Ultra Flow — C2	35414

### Low shrinkage

Leading experts cite low shrinkage as a critical feature of flowable composites; Herculite XRV Ultra Flow was specially designed with a high-filler loading rate for minimal polymerisation shrinkage.



Herculite™ XRV Ultra Flow — Refill Syringes	REF/Part No.
Herculite XRV Ultra Flow — D2	35415
Herculite XRV Ultra Flow — XL1	35416
Herculite XRV Ultra Flow — XL2	35417
Herculite XRV Ultra Flow — Universal Opaque	35418

Herculite™ XRV Ultra Flow - Dispensing Tips	REF/Part No. 33370
50 x Dispensing Tips	

# Revolution™ Formula 2

## Flowable light cure composite

Revolution™ Formula 2 is a flowable light-cured, hybrid composite for Class III, IV and V restorations that is 60% filled (by weight) with an average particle size of 0.6µm. It flows into the preparation for easier placement and contouring, which is ideal where minimally invasive techniques are indicated. Revolution Formula 2 is fast and easy-to-use, providing excellent colour stability and polishing to achieve a high-quality aesthetic finish.



Revolution™ Formula 2 – Refill

Revolution™ Formula 2 – Intro Kit		REF/Part No. 29514
4 x 1 g Syringe of each shade: A2, B3, C3 and Universal Opaque, 20 Tips		
Revolution™ Formula 2 – Assorted Kit		REF/Part No. 29515
3 x 1 g Syringe of each shade: 1 Incisal, 1 Gingival and 1 White Opaque, 20 Tips		
Revolution™ Formula 2 – Refills		REF/Part No.
4 x 1 g Syringes, 20 Tips		
Revolution Formula 2 – A1		29493
Revolution Formula 2 – A2		29494
Revolution Formula 2 – A3		29495
Revolution Formula 2 – A3.5		29496
Revolution Formula 2 – A4		29497
Revolution Formula 2 – B1		29498
Revolution Formula 2 – B2		29499
Revolution Formula 2 – B3		29500
Revolution Formula 2 – C1		29502
Revolution Formula 2 – C2		29503
Revolution Formula 2 – C3		29504
Revolution Formula 2 – C4		29505
Revolution Formula 2 – D2		29506
Revolution Formula 2 – D3		29507
Revolution Formula 2 – XL		29509
Revolution Formula 2 – Gingival		29510
Revolution Formula 2 – Universal Opaque		29512
Revolution Formula 2 – White Opaque		29513
Revolution™ Formula 2 – Tips Refills		REF/Part No.
100 Dispensing Tips Black— 22 gauge		450119
100 Dispensing Tips Yellow— 20 gauge		450120

# Premise™ Flowable

## Flowable light cure composite

Premise™ Flowable is a medium viscosity, light-cured composite suitable for numerous direct applications. Pre-polymerised filler, nano-filler and proven Point4 technology are combined to deliver strength and durability.



Premise™ Flowable

### Premise™ Flowable — Assorted Kit

REF/Part No. 33371

1 x 1.7 g Syringe of each shade: A1, A2, A3, B1, 40 Tips

### Premise™ Flowable — Refills

REF/Part No.

	40 x 1.7 g Tips	1 x 1.7 g Syringes + 10 Tips
Premise Flowable — A1	33372	33721
Premise Flowable — A2	33373	33722
Premise Flowable — A3	33374	33723
Premise Flowable — A3.5	33375	33724
Premise Flowable — B1	33376	33725
Premise Flowable — B2	33385	
Premise Flowable — XL	33380	33730
Premise Flowable — Universal Opaque	33378	

### Premise™ Flowable — Tips Refills

REF/Part No. 33370

Premise Flowable — 50 Tips

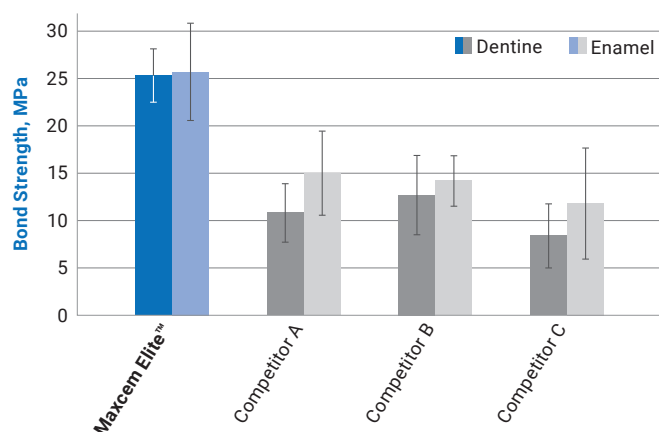
## 3.14 Permanent cements and liners

### Maxcem Elite™

#### Universal resin cement

Maxcem Elite™ self-etch, self-adhesive resin cement for indirect restorations is simplicity refined, offering best-in-class adhesion when compared to other leading self-adhesive cements. Its thixotropic property facilitates the placement of material and clean-up.

- One-Peel™ clean-up, no hand mixing and no refrigeration required
- Dual-cure mechanism
- No colour shift
- Compatible with all indirect restorations



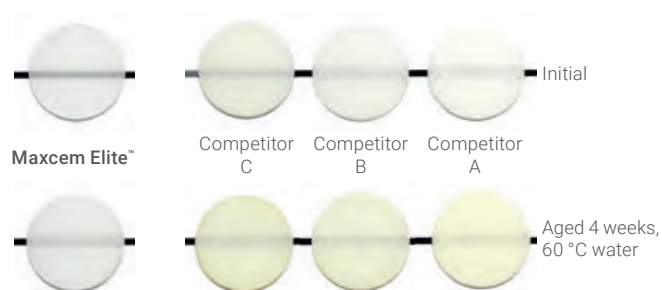
#### Bond strength to enamel and dentine

Maxcem Elite™ employs the same unique adhesive monomer used in Kerr's OptiBond family of bonding agents. The optimized resin matrix and filler systems improve wettability, resulting in greater adhesion to dentine.

#### No colour shift for better aesthetics

The colour change in Maxcem Elite is imperceptible, when compared to systems that contain tertiary amines.

Colour shift over time is better than leading self-adhesive or adhesive resin cements.



1. Data available on request



## One-Peel™ clean-up for consistent outcomes

Maxcem Elite's thixotropic property facilitates the placement of material and easy clean-up.

## Now Featuring Universal Flexibility

Maxcem Elite™ delivers high bond strength when used on its own. For restorations that require even higher bond strength, just pair Maxcem with a universal bonding agent like OptiBond™ Universal.

### Maxcem Elite™ — Standard Kit

REF/Part No. 34055

5 x 5 g Syringes (2 x clear, 1 x white, 1 x white opaque, 1 x Yellow), 24 x Automix Tips (regular), 16 x Automix Tips (wide opening), 8 x Intraoral Tips, 8 x Root Canal Tips, Technique Guide

### Maxcem Elite™ — Value Kit

REF/Part No. 34056

2 x 5 g Syringes (clear), 1 x 11.7 g Temp-Bond NE automix Syringe, 8 x Automix Tips (regular), 8 x Automix Tips (wide opening), 8 x Intraoral Tips, 8 x Temp-Bond Automix Tips, Technique Guide

### Maxcem Elite™ — Mini Kit

REF/Part No. 34057

1 x 5 g Syringe (clear), 5 x Automix Tips (regular), 4 x Automix Tips (wide opening), 4 x Intraoral Tips, Technique Guide

### Maxcem Elite™ — Refills

REF/Part No.

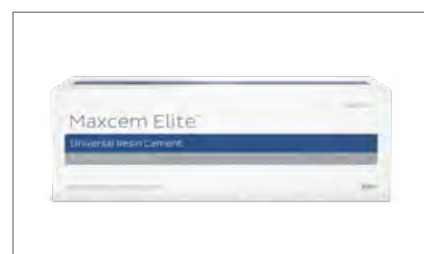
2 x 5 g Syringe, 8 x Automix Tips regular, 8 x Automix Tips with wide opening, 8 x Intraoral Tips, Technique Guide

Maxcem Elite — Clear	34058
Maxcem Elite — White	34059
Maxcem Elite — White Opaque	34060
Maxcem Elite — Yellow	34061

### Maxcem Elite™ — Accessories

REF/Part No.

Maxcem Elite — 40 x Mixing Tips (Regular)	34074
Maxcem Elite — 8 x Intraoral Tips — Automix Tips (Wide)	34075
Maxcem Elite — 8 x Root Canal Tips — Automix Tips (Wide)	34076



Maxcem Elite™ — Refills

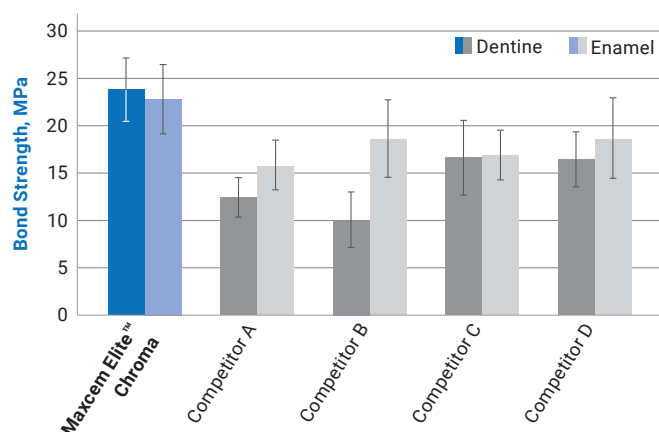


# Maxcem Elite™ Chroma

## Universal resin cement with cleanup indicator

Maxcem Elite™ Chroma self-etch, self-adhesive resin cement for indirect restorations is the evolution of Maxcem Elite™. With the same formula, same bond strength, same performance with a unique feature: a gel state colour clean-up indicator that shows dentists the ideal time to remove excess cement.

It is suitable for use with all desired indirect restorations and substrates including zirconia, gold, rexillium, lithium disilicate, porcelain, composite and titanium.



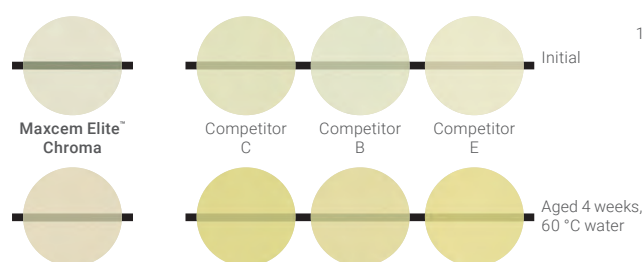
### High bond strength

- Reliable and predictable
- Best-in-class adhesion compared to other leading self-adhesive cements
- 90% higher bond strength on dentine
- 65% higher bond strength on enamel
- Forms a strong and durable bond with various dental substrates

### Automix delivery system

- Dual barrel, automix syringe system
- Comes with single-use automix tips
- Optional curved tips deliver desired amount of cement into restoration and/or tooth prep

### Long-term colour stability



1. Data available on request

## 280% radiopacity

Outstanding radiopacity allows easy detection on a radiograph.

## Easy storage

No need to refrigerate.

## Dual cure

Pink disappears after both self-cure and light cure, allowing maximum flexibility.

## One-peel™ clean-up

Cement is easy-to-remove in one peel, reducing the risk of leaving excess cement.



## Use with desired substrates

- Zirconia
- Gold
- Rexillum
- Lithium disilicate
- Porcelain
- Composite

## Colour clean-up indicator

Cement is pink when dispensed and gradually fades to the cement shade, indicating the optimal window of time to clean up excess cement.

## Now Featuring Universal Flexibility

Maxcem Elite™ delivers high bond strength when used on its own. For restorations that require even higher bond strength, just pair Maxcem with a universal bonding agent like OptiBond™ Universal

### Maxcem Elite™ Chroma — Standard Kit

REF/Part No. 36371

4 x 5 g Syringes (2 x Clear, 1 x White, 1 x Yellow), 16 x Automix Tips (Regular), 8 x Automix Tips (Wide), 8 x Intraoral Tips, 8 x Root Canal Tips, Technique Guide

### Maxcem Elite™ Chroma — Refills

REF/Part No.

2 x 5 g Syringe, 8 x Automix Tips regular, 8 x Automix Tips with wide opening, 8 x Intraoral Tips, Technique Guide

Maxcem Elite Chroma — Clear	36372
Maxcem Elite Chroma — White	36373
Maxcem Elite Chroma — Yellow	36374

### Maxcem Elite™ Chroma — Accessories

REF/Part No.

Maxcem Elite Chroma — 40 x Mixing Tips (Regular)	36375
Maxcem Elite Chroma — 8 x Root Canal Tips — Automix Tips (Wide)	36376
Maxcem Elite Chroma — 8 x Intraoral Tips — Automix Tips (Wide)	36377



Maxcem Elite™ Chroma — Refills

# NX3 Nexus™ Third Generation

## Dual-cure resin cement



Universally indicated for all indirect applications, NX3 is a permanent resin cement system with an innovative chemistry for unmatched aesthetics, adhesion and versatility. With a proprietary amine-free initiator system by Kerr and an optimised resin matrix, NX3 is truly colour stable.

The automixing dual-cure cement can be used for all indirect applications. The light-cure variants with matching try-in gels are ideal for veneers and indications requiring unlimited work time.

NX3 can be used with a total etch, selective etch or self-etch bonding system.



NX3 Nexus™ Third Generation — Refills and Accessories	REF/Part No.
NX3 Nexus Third Generation — 5 g Automix Dual-Cure Syringe — Clear	33643
NX3 Nexus Third Generation — 5 g Automix Dual-Cure Syringe — White	33644
NX3 Nexus Third Generation — 5 g Automix Dual-Cure Syringe — Yellow	33645
NX3 Nexus Third Generation — 5 g Automix Dual-Cure Syringe — Bleach	33646
NX3 Nexus Third Generation — 5 g Automix Dual-Cure Syringe — White Opaque	33647
NX3 Nexus Third Generation — 1.8 g Light-Cure Syringe — Clear	33648
NX3 Nexus Third Generation — 1.8 g Light-Cure Syringe — White	33649
NX3 Nexus Third Generation — 1.8 g Light-Cure Syringe — Yellow	33650
NX3 Nexus Third Generation — 1.8 g Light-Cure Syringe — Bleach	33651
NX3 Nexus Third Generation — 1.8 g Light-Cure Syringe — White Opaque	33652
NX3 Nexus Third Generation — 50 x Automix Tips	33655



# Life™

## Pulp-capping material

Life™ is a calcium hydroxide cavity liner available in both regular and fast set.

### Life™ — Regular Set — Standard Package

REF/Part No. 61769

12 g Base, 12 g Catalyst, 1 Mixing Pad

### Life™ — Regular Set — Bulk package

REF/Part No. 60927

5 x 12 g Base, 5 x 12 g Catalyst, 5 Mixing Pad

### Life™ — Fast Set — Standard package

REF/Part No. 60997

12 g Base, 12 g Catalyst, 1 Mixing Pad

### Life™ — Fast Set — Bulk package

REF/Part No. 60998

5 x 12 g Base, 5 x 12 g Catalyst, 5 Mixing Pad



Life™ — Fast Set — Standard package



Life™ — Regular Set — Bulk package

## 3.15 Curing lights

### Demi™ Plus

#### Light emitting diode (LED) curing light

Thanks to the PLS technology, Demi Plus intermittently shifts the output intensity from a base of 1,100 mW/cm<sup>2</sup> to a peak of 1,330 mW/cm<sup>2</sup>. This enables the Demi Plus to deliver a 5-second cure for A3 or lighter shades.

#### Enhanced Body Design

This curing light's exterior is made from Valox resin, a high-performance plastic that will protect and extend the life of your unit. In addition, the upgraded closed housing allows for easier cleaning and disinfection. Improved Cooling System and fan free for quiet operation.

#### True 5-second cure

Consistent output of Periodic Level Shifting (PLS) delivers a true 5-second cure for composite shades A3 and lighter.

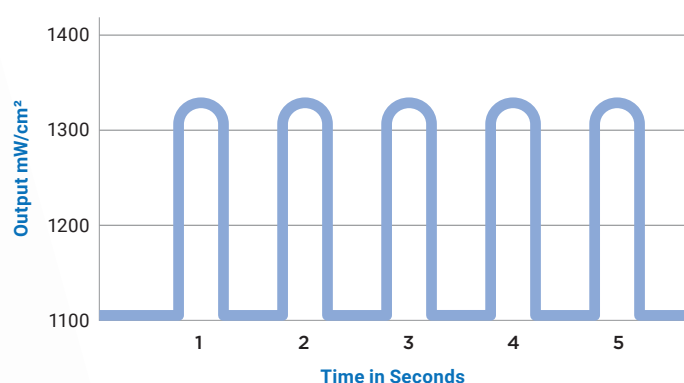
#### Never shuts down

Whisper-quiet fan and unique thermal control system keeps the unit cool for uninterrupted operation. Extends the overall life of the unit.



## Advanced battery technology

The lithium-ion battery technology can yield 300 10-second cures with a single charge.



## Lightweight, ergonomic design

Multiple holding options reduce hand and arm stress.

## PLS Technology

Demi Plus employs the power of Periodic Level Shifting, or PLS technology, shifting output intensity from 1100 mW/cm<sup>2</sup> to a peak of 1330 mW/cm<sup>2</sup> multiple times throughout the curing cycle with a wavelength of 450 nm to 470 nm. PLS drives cool, continuous high output for a true 5-second cure without generating excess heat.

### Demi™ Plus

REF/Part No. 910860-2

Demi Plus Handpiece, 8 mm Turbo Extended Light Guide, 1 Lithium-ion battery, Battery charger, Power supply, Protective Light, shield, Barrier sample pack

### Demi™ Plus – Accessories

REF/Part No.

Demi Plus – Battery (1 Lithium-ion battery)	921918-1
Demi Plus – Handpiece (Only handpiece)	921920-1
Demi Plus – 8 mm Turbo Extended Light Guide	921746
Demi Plus – 8 mm Turbo Light Guide	952213
Demi Plus – 4 mm Curved Turbo Light Guide (1 mm x 4 mm)	921676
Demi Plus – 2 mm Curved Light Guide (1 mm x 2 mm)	921677
Demi Plus – Battery Charger	921919-1
Demi Plus – Power Supply	952269
Demi Plus – 250 Sleeves	DEMI-250

### Accessories

REF/Part No.

Dem. 4 mm Curved Turbo Light Guide (1 mm x 4 mm)	961676
Demi 2 mm Curved Light Guide (1 mm x 2 mm)	921677
Demi Curved turbo Light guide (8 mm x 77 mm)	21020
Demi Curved turbo Light guide 4 mm	21185



Demi™ Plus

## 3.16 Finishing and polishing — Discs

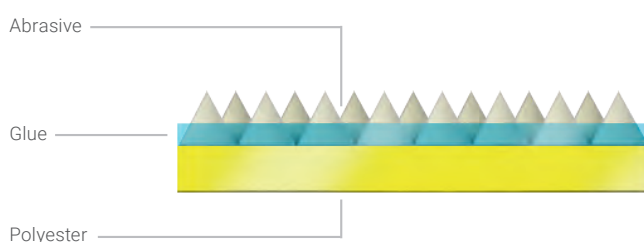
### OptiDisc™

#### High-performing polishing and contouring disc

OptiDisc™ finishing and polishing discs allow you to obtain a final polish equal to that of natural dentition on all kinds of restorations. Made of durable polyester impregnated with aluminium oxide particles, the four-grit system achieves a long-lasting result.

A colour-coded system enables immediate identification of the grit type.

The flush-mounted mandrel ensures correct positioning of the disc and protects against scarring of the restoration. OptiDisc also features the choice of a short-size mandrel to facilitate access to posterior and other restricted areas.



#### Ready to use and long-lasting performance

OptiDisc is made of polyester coated with aluminium oxide particles. Its abrasive layer has no extra adhesive coating, meaning the moment you fix the disc to the mandrel you are ready to go!

#### 4 colours, 4 stages of abrasiveness










The OptiDisc system offers the choice of 4 grit level discs for contouring, finishing and high-gloss polishing. It is suitable for composite, glass ionomers, amalgams, semi-precious and precious metals. Discs are also available in three different diameter sizes depending on your needs:

9.6 mm, 12.6 mm and 15.9 mm.





## A disc for all your finishing and polishing needs

Disc type	Indicated for	Anterior convex/flat area	Posterior convex/flat area	Inter-Proximal area
<b>Extra-coarse</b>	<b>Gross reduction and contouring</b> To adjust primary geometric form.			
<b>Coarse /Medium</b>	<b>Finishing</b> To remove composite excess, shape occlusal anatomy, lingual fissures and secondary anatomy.			
<b>Fine</b>	<b>Polishing</b> To erase surface scratches, and reduce surface roughness below $R_a = 0.35 \mu\text{m}$ .			
<b>Extra-fine</b>	<b>High-gloss polishing</b> To reduce surface roughness to high-gloss below $R_a = 0.2 \mu\text{m}$ .			

### OptiDisc™ – General Assorted Kit

REF/Part No. 4200

120 x  $\varnothing$  9.6 mm Assorted OptiDisc [30 x Extra-coarse, 30 x Coarse, 30 x Fine, 30 x Extra-fine],  
120 x  $\varnothing$  12.6 mm Assorted OptiDisc [30 x Extra-coarse, 30 x Coarse, 30 x Fine, 30 x Extra-fine],  
3 x Standard Mandrels, 2 x Short Mandrels, 1 x OptiShine

### OptiDisc™ – Assorted Kit

REF/Part No. 4190

$\varnothing$  15.9 mm: 20 x Extra-coarse, 20 x Coarse, 20 x Fine, 20 x Extra-fine

### OptiDisc™ – Mini Kit

REF/Part No. 4188

$\varnothing$  12.6 mm: 30 x Extra-coarse, 30 x Coarse, 30 x Fine, 30 x Extra-fine, 1 standard mandrel,  
1 short mandrel, 1 OptiShine

### OptiDisc™ – Refills

REF/Part No.

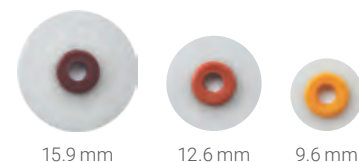
80 x OptiDisc – 9.6 mm – Extra-coarse	4197
100 x OptiDisc – 9.6 mm – Coarse/Medium	4181
100 x OptiDisc – 9.6 mm – Fine	4182
100 x OptiDisc – 9.6 mm – Extra-fine	4183
80 x OptiDisc – 12.6 mm – Extra-coarse	4198
100 x OptiDisc – 12.6 mm – Coarse/Medium	4184
100 x OptiDisc – 12.6 mm – Fine	4185
100 x OptiDisc – 12.6 mm – Extra-fine	4186
80 x OptiDisc – 15.9 mm – Extra-coarse	4199
100 x OptiDisc – 15.9 mm – Coarse/Medium	4191
100 x OptiDisc – 15.9 mm – Fine	4192
100 x OptiDisc – 15.9 mm – Extra-fine	4193
5 x OptiDisc Standard Mandrel	195
5 x OptiDisc Short Mandrel	196



OptiDisc™ – Mini Kit



OptiDisc™ – Refill



3.16 Finishing and polishing — Strips

Finishing and Polishing Strips

The abrasive strips are made of flexible polyester and are firmly coated with aluminium oxide particles. They are available in two widths and in four colour-coded grit sizes.

Finishing and Polishing Strips — Assorted Kit	REF/Part No. 295
4 x 50 Finishing and Polishing Strips of each grit size	

Finishing and Polishing Strips — Refills	REF/Part No.
Finishing and Polishing Strips — Coarse/Medium — 1.9 mm — Pack of 100	290
Finishing and Polishing Strips — Fine/Extra Fine — 1.9 mm — Pack of 100	291
Finishing and Polishing Strips — Coarse/Medium — 3.9 mm — Pack of 100	292
Finishing and Polishing Strips — Fine/Extra Fine — 3.9 mm — Pack of 100	293



Finishing and Polishing Strips

### 3.16 Finishing and polishing — Brushes

## Occlubrush™

### One-step polishing brush system

Occlubrush™ comes in a variety of shapes precisely matched for use on occlusal and interproximal areas of indirect restorations. It is designed for the pre-polishing and high-gloss polishing of composites, compomers, resin-modified glass ionomers and ceramics with one instrument.

Bristle fibres impregnated with silicon carbide particles eliminate the need for paste.



Occlubrush™




#### Occlubrush™ — Assorted Kit

REF/Part No. 2520

5x Occlubrush regular cup, 5x Occlubrush small cup, 5x Occlubrush point.

#### Occlubrush™ — Refills

REF/Part No.

	<b>Regular Cup</b>	Pack of 3	2503
		Pack of 10	2510
	<b>Small Cup</b>	Pack of 3	2504
		Pack of 10	2511
	<b>Point</b>	Pack of 3	2505
		Pack of 10	2512

## OptiShine™

### Concave-shaped polishing brush

OptiShine™ produces excellent polishing results for all restorations due to the concave shape of the brush. This ensures efficiency on all teeth and on less accessible surfaces like interproximal spaces and occlusal fissures.

#### OptiShine™

REF/Part No.

OptiShine — Pack of 3	2513
OptiShine — Pack of 10	2514



OptiShine™

3.16 Finishing and polishing — Composite polishers

Opti1Step™

One-Step polishing system

Opti1Step™ is a multiple-use polishing system for direct composite restorations that enables the creation of a smooth surface and high-gloss in just One-Step.

The pre-embedded abrasive matrix allows high-gloss polishing without the need for paste. Its optimised flexibility ensures easier handling and better control.

Available in three shapes:

- Discs are ideal for facial surfaces and established line angles
- Flames are ideal for posterior occlusal and concave lingual surfaces
- Cups are well suited for molar cusps, and cervical and proximal line angle areas



Opti1Step™

Opti1Step™ — Assorted Kit		REF/Part No. 8000
12 Composite Opti1Step Polisher: 4 Flames, 4 Cups, 4 Discs		
Opti1Step™ — Assorted Mini Kit		REF/Part No. 8004
6 Composite Opti1Step Polisher: 2 Flames, 2 Cups, 2 Discs		
Opti1Step™ — Refills		REF/Part No.
Opti1Step — Flame — Pack of 12		8001
Opti1Step — Cup — Pack of 12		8002
Opti1Step — Disc — Pack of 12		8003

# HiLuster<sup>PLUS</sup> Polishing System




## Two-Step polishing system

HiLuster<sup>PLUS</sup> is a two step polishing system.

- Gloss<sup>PLUS</sup> aluminium oxide polishers are used for smoothing and polishing the surface after contouring with a carbide bur.
- The HiLuster<sup>PLUS</sup> Dia diamond polishers follow to give the final shine.



HiLuster<sup>PLUS</sup> Polishing System – Assorted Kit

Gloss <sup>PLUS</sup> — Refills			REF/Part No.
	Flame	Pack of 6	2651
	Minipoint	Pack of 6	2652
	Cup	Pack of 6	2653
	Disc	Pack of 6	2654
HiLuster <sup>PLUS</sup> — Refills			REF/Part No.
	Flame	Pack of 6	2661
	Minipoint	Pack of 6	2662
	Cup	Pack of 6	2663
	Disc	Pack of 6	2664

# Identoflex™ Composite Polishers

Identoflex is a three-step system to be applied immediately after contouring. The colour-coding makes identification easy at each stage:

- Yellow: pre-polishers
- Grey: gloss polishers
- White: high-gloss polishers



Identoflex Composite Polishers




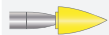
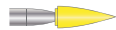
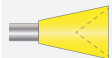


## Identoflex Composite Polishers - Pre-polishers Testset - Yellow REF/Part No. ID 5101/8

Pack of 8 assorted



## Identoflex Composite Polishers - High-Gloss Polishers Testset - White REF/Part No. ID 5501/8

Pack of 8 assorted

## Identoflex Composite Polishers - Pre-polishers Yellow - Refills REF/Part No.

	<b>Torpedo</b>	Pack of 12	ID 5011/12
	<b>Flame</b>	Pack of 12	ID 5021/12
	<b>Large Cup</b>	Pack of 12	ID 5031/12
	<b>Minipoint</b>	Pack of 12	ID 5061/12
	<b>Minipoint Small</b>	Pack of 12	ID 5071/12
	<b>Cup</b>	Pack of 12	ID 5081/12
	<b>Disc</b>	Pack of 12	ID 5091/12
	<b>Large Cup, unmounted</b>	Pack of 12	ID 5110/12

## Identoflex Composite Polishers — Polishers White — Refills REF/Part No.

	<b>Flame</b>	Pack of 12	ID 5421/12
	<b>Cup</b>	Pack of 12	ID 5481/12



3.16 Finishing and polishing — Ceramic polishers

Identoflex™ Diamond Ceramic Polishers

Identoflex Diamond Ceramic Polishers are twin-zone diamond polishers used for treating ceramics at chair-side. The twin-zone technology takes into account the typical wear pattern: only the active zone is therefore impregnated with diamond grit. Thanks to the high polishing ability of the diamond, low revolutions can be used. Therefore, any overheating that could damage the pulp and filling materials is avoided. Available in four shapes.



Identoflex™ Diamond Ceramic Polishers

Identoflex™ Diamond Ceramic Polishers — Refills			REF/Part No.
	Flame	Pack of 6	ID 5721/6
	Cup	Pack of 6	ID 5781/6



## 3.16 Finishing and polishing — Amalgam polishers


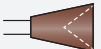
### AABA™ -Dental Universal

Universal pre-polishing programme for all filling materials.

AABA™-Dental Universal — Refills			REF/Part No.
	Flame	Pack of 12	ID 3021/12



### Identoflex™ Gold/Amalgam/Precious Metal Alloys

Specially developed for dental metals, these polishers achieve a high-gloss in two steps.

Identoflex™ Gold/Amalgam/Precious Metal Alloys - Pre-polishers Brown - Refills			REF/Part No.
	Flame	Pack of 12	ID 4041/12
	Cup	Pack of 12	ID 4051/12

### Identoflex Dental Universal

Universal pre-polisher for all dental metals.

Identoflex™ Dental Universal - Assorted Testset			REF/Part No.
	Flame	Pack of 12	ID 3026/12
	Cup	Pack of 12	ID 3096/12

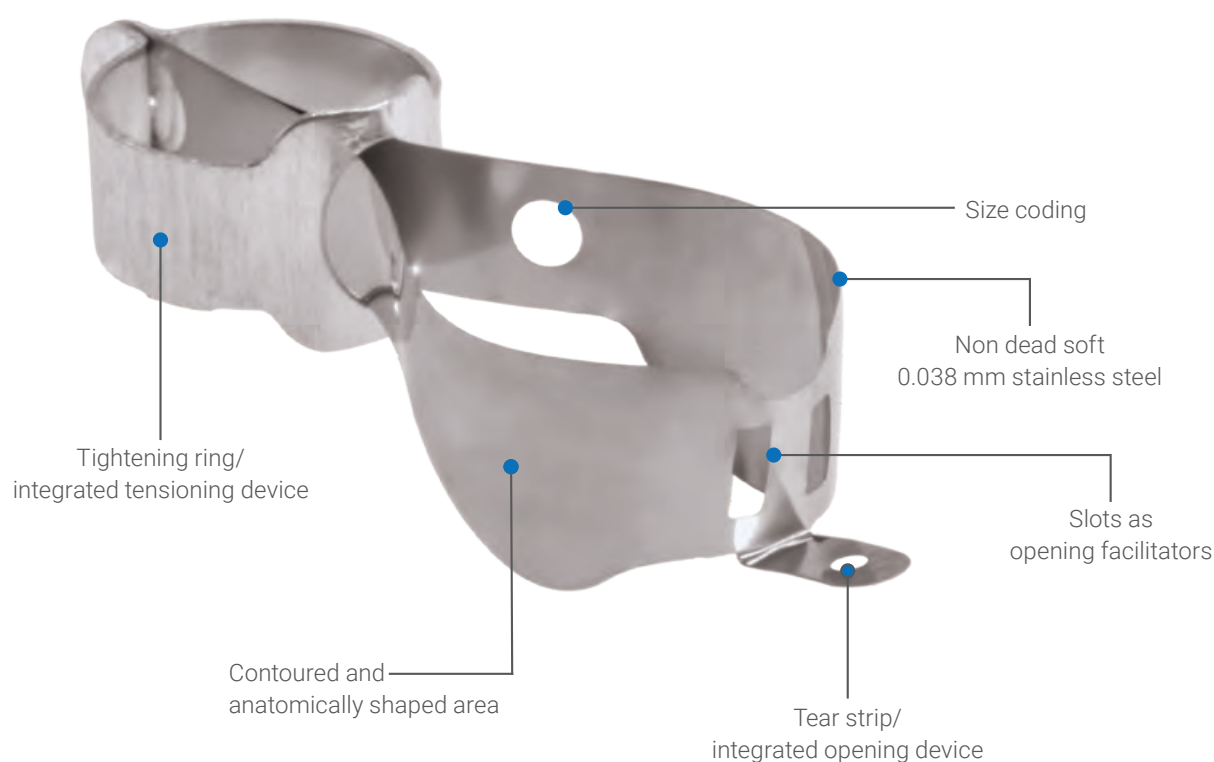
### 3.17 Restorative accessories – Posterior matrices

## MetaFix™

### All-in-one matrix system

The All-in-One MetaFix™ matrix, with the innovative integrated tightening/opening system, is the perfect solution for Class II – MO/OD/MOD composite fillings.

- Immediate positioning and removal with no extra tools needed
- Effective contact points and cervical adaptation
- Clear visibility, excellent patient comfort
- 0.038 mm thickness



MetaFix™ – Refills				REF/Part No.
Size	Max. perimeter of matrix in open position	Min. perimeter of matrix in closed position	Height in the proximal area	Pack of 50
<b>Small</b> (Premolar)	27 mm	19 mm	6.7 mm	3601
<b>Medium</b> (Molar regular)	33 mm	25 mm	6.3 mm	3602
<b>Large</b> (Molar large)	40 mm	32 mm	7.8 mm	3603

#### MetaFix™ – Assorted Kit

REF/Part No. 3604

150 MetaFix: 50 x Small, 50 x Medium, 50 x Large.



MetaFix™ – Assorted Kit

# Lucifix™

## Posterior matrices with integrated fixing device

Lucifix™ has an integrated tightening device with no holder needed. The matrix can be released by cutting it. The blue and transparent range allow better visual control of the composite application, filling procedure and handling.

Blue Lucifix™ — Refills	REF/Part No.
Blue Lucifix — Premolar Matrices — Pack of 50	2775
Blue Lucifix — Molar Matrices — Pack of 50	2776

Transparent Lucifix™ — Refills	REF/Part No.
Transparent Lucifix — Premolar Matrices — Pack of 50	775
Transparent Lucifix — Molar Matrices — Pack of 50	776

Transparent Lucifix/ Adapt Luciwedge	REF/Part No. 785 S
30 Transparent Lucifix premolar matrices, 15 Transparent Lucifix molar matrices, 60 Adapt Luciwedged (15 of each size: ultra-small, small, medium, large)	



Blue Lucifix™



Transparent Lucifix™

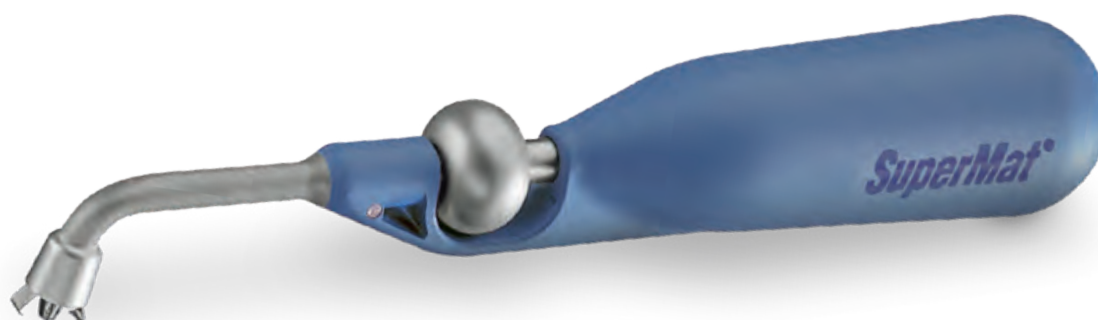
# SuperMat™







## Universal matrix tensioning system

The SuperMat™ universal tensioning system is ideal for both transparent or steel posterior matrices. Easy-to-use and time saving, it is comfortable for the patient, as no retainer is left in the mouth. SuperMat fits the matrices anatomically, reducing the finishing work required.

Use with:

- The Adapt™ SuperCap™ Matrix – ready-to-use matrices with integrated spool to fix them to the SuperMat
- The SuperCap™ Spools – to fix one of the Kerr range of SuperMat-compatible matrices



Adapt SuperCap Matrices – Refills					REF/Part No.
	Dead-Soft Steel	0.030 mm	High 5.0 mm	Pack of 50	2161
	Dead-Soft Steel	0.030 mm	High 6.3 mm	Pack of 50	2162
	Non-Dead-Soft Steel	0.038 mm	High 5.0 mm	Pack of 50	2181
	Non-Dead-Soft Steel	0.038 mm	High 6.3 mm	Pack of 50	2182
	Transparent	0.050 mm	High 5.0 mm	Pack of 50	2171
	Transparent	0.050 mm	High 6.3 mm	Pack of 50	2172
<b>SuperLock</b>					<b>REF/Part No. 2160</b>

1 x SuperLock tensioning instrument

SuperMat™ – Assorted Kit	REF/Part No. 2150
1 x SuperLock tensioning instrument, 14 x Adapt SuperCap Steel Matrices assorted, 6 x Adapt SuperCap Transparent Matrices assorted	

Adapt SuperCap Spool – Refills	REF/Part No.
SuperCap Spool – 5.6 mm – Pack of 100	2010
SuperCap Spool – 5.6 mm – Pack of 500	2020
SuperCap Spool – 6.7 mm – Pack of 100	2015
SuperCap Spool – 6.7 mm – Pack of 500	2025

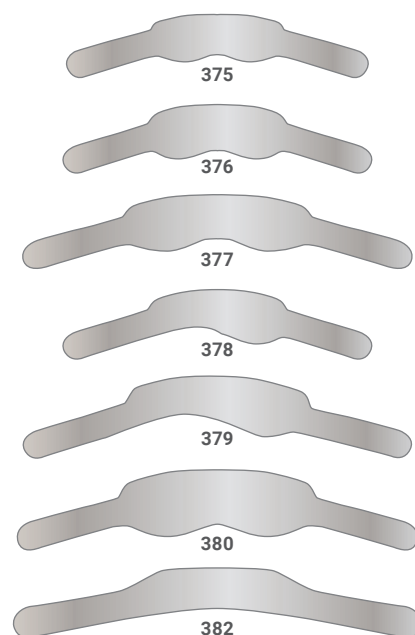


SuperMat™ – Assorted Kit

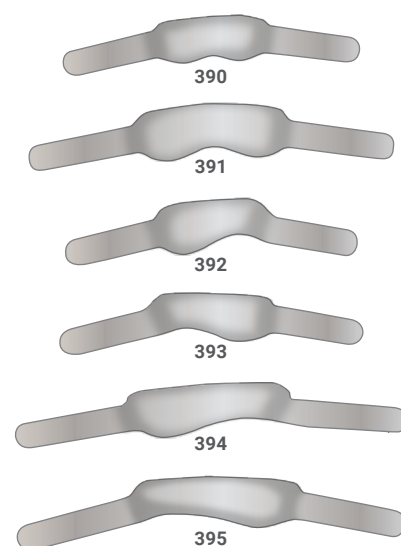
## Adapt™ and Contoured Matrices

- 0.045 mm thickness
- Suitable for proximal areas
- Easy-to-insert in interproximal area
- Contoured versions available where extra cushioning is needed
- Can be used with SuperMat System by applying the SuperCap Spool

Adapt™ Matrices	REF/Part No.
Adapt Matrices — 0.045 mm Thin — Pack of 30	375
Adapt Matrices — 0.045 mm Thin — Pack of 30	376
Adapt Matrices — 0.045 mm Thin — Pack of 30	377
Adapt Matrices — 0.045 mm Thin — Pack of 30	378
Adapt Matrices — 0.045 mm Thin — Pack of 30	379
Adapt Matrices — 0.045 mm Thin — Pack of 30	380
Adapt Matrices — 0.045 mm Thin — Pack of 30	382



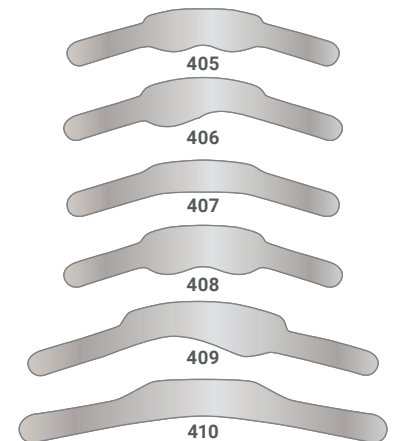
Contoured Matrices	REF/Part No.
Contoured Matrices — 0.045 mm Thin — Premolar — Bilateral — Pack of 30	390
Contoured Matrices — 0.045 mm Thin — Molar — Bilateral — Pack of 30	391
Contoured Matrices — 0.045 mm Thin — Premolar — Unilateral — Pack of 30	392
Contoured Matrices — 0.045 mm Thin — Premolar — Unilateral — Pack of 30	393
Contoured Matrices — 0.045 mm Thin — Molar — Unilateral — Pack of 30	394
Contoured Matrices — 0.045 mm Thin — Molar — Unilateral — Pack of 30	395



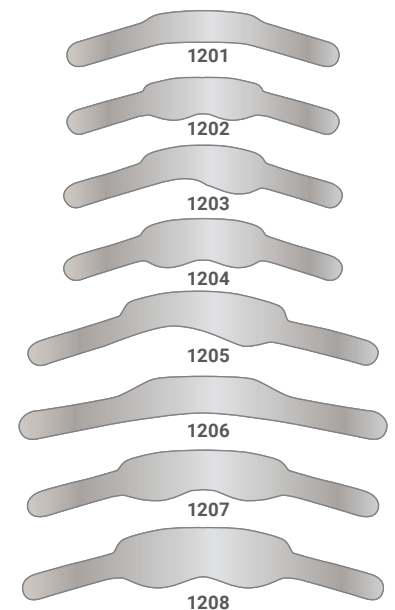
## Micro and Super Thin Matrices

- Stainless steel, 0.030 mm or 0.038 mm thickness
- Use for both molar and premolar restorations
- Suitable for proximal areas
- Great adaptability to tooth structure
- Can be used with SuperMat System by applying the SuperCap Spool

Micro Thin Matrices	REF/Part No.
Micro Thin Matrices – 0.03 mm Thin – Pack of 30	405
Micro Thin Matrices – 0.03 mm Thin – Pack of 30	406
Micro Thin Matrices – 0.03 mm Thin – Pack of 30	407
Micro Thin Matrices – 0.03 mm Thin – Pack of 30	408
Micro Thin Matrices – 0.03 mm Thin – Pack of 30	409
Micro Thin Matrices – 0.03 mm Thin – Pack of 30	410



Super Thin Matrices	REF/Part No.
Super Thin Matrices – 0.038 mm Thin – Pack of 30	1201
Super Thin Matrices – 0.038 mm Thin – Pack of 30	1202
Super Thin Matrices – 0.038 mm Thin – Pack of 30	1203
Super Thin Matrices – 0.038 mm Thin – Pack of 30	1204
Super Thin Matrices – 0.038 mm Thin – Pack of 30	1205
Super Thin Matrices – 0.038 mm Thin – Pack of 30	1206
Super Thin Matrices – 0.038 mm Thin – Pack of 30	1207
Super Thin Matrices – 0.038 mm Thin – Pack of 30	1208



# Premolar and Molar Matrices

- Anatomically shaped, 0.075 mm thickness
- Transparent version is colour-coded for easy selection
- No discolouration when in contact with etching gels, bonds and primers
- Can be used with SuperMat System by applying the SuperCap Spool

Premolar and Molar Matrices — Transparent — Refills	REF/Part No.
Transparent Premolar Matrices — Pack of 50	773
Transparent Molar Matrices — Pack of 50	774
Transparent Posterior Matrix System	REF/Part No. 780 S
40 Transparent Premolar Matrices, 20 Transparent Molar Matrices, 15 Adapt Luciwedges of each size: ultra small, small, medium, large	



Transparent Molar Matrices



Transparent Posterior Matrix System

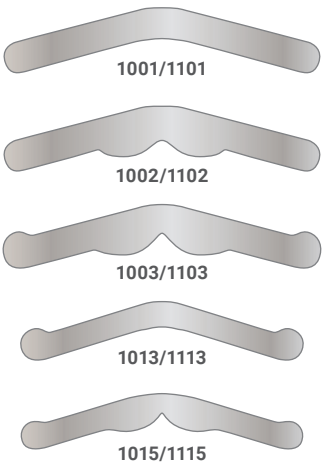
# Tofflemire Matrices

- Available in 0.05 mm and 0.038 mm thickness
- Standard or contoured depending on need
- Can be used with SuperMat System by applying the SuperCap Spool, or with a traditional matrix retainer

Tofflemire Matrices — Refills	REF/Part No.
Tofflemire Matrices — 0.050 mm Thin — Pack of 30	1001/30
Tofflemire Matrices — 0.038 mm Thin — Pack of 30	1101/30
Tofflemire Matrices — 0.050 mm Thin — Pack of 30	1002/30
Tofflemire Matrices — 0.038 mm Thin — Pack of 30	1102/30
Tofflemire Matrices — 0.050 mm Thin — Pack of 30	1003/30
Tofflemire Matrices — 0.038 mm Thin — Pack of 30	1103/30
Tofflemire Matrices — 0.050 mm Thin — Pack of 30	1013/30
Tofflemire Matrices — 0.038 mm Thin — Pack of 30	1113/30
Tofflemire Matrices — 0.050 mm Thin — Pack of 30	1015/30
Tofflemire Matrices — 0.038 mm Thin — Pack of 30	1115/30
Tofflemire Contoured Matrices — 0.050 mm Thin — Pack of 30	1001 C



Tofflemire Contoured Matrices

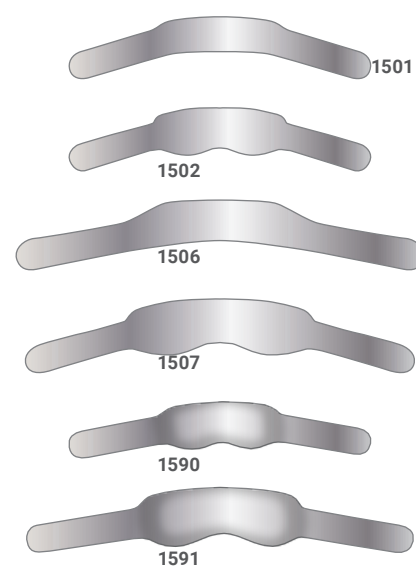




# Titanium Matrices

- 0.03 mm thickness
- Available for molar, premolar/contoured or double-sided
- Suitable for proximal areas
- Great adaptability to tooth structure
- Can be used with SuperMat System by applying the SuperCap Spool

Titanium Matrices – Refills	REF/Part No.
Titanium Matrices – 0.03 mm Thin – Premolar – Pack of 30	1501
Titanium Matrices – 0.03 mm Thin – Premolar – Double-sides – Pack of 30	1502
Titanium Matrices – 0.03 mm Thin – Molar – Pack of 30	1506
Titanium Matrices – 0.03 mm Thin – Molar – Double-sides – Pack of 30	1507
Titanium Contoured Matrices – 0.03 mm Thin – Pack of 30	1590
Titanium Contoured Matrices – 0.03 mm Thin – Pack of 30	1591



# Steel Matrix Bands

- Handy matrix dispenser to cut the strip at preferred length
- To be used for non-deep cavities
- Easy-to-handle and store

Steel Matrix Bands	REF/Part No.
Steel Matrix Bands – 0.030 mm Thin – Width 5 mm – 3 m	399 A
Steel Matrix Bands – 0.030 mm Thin – Width 6 mm – 3 m	399 B
Steel Matrix Bands – 0.030 mm Thin – Width 7 mm – 3 m	399 C
Steel Matrix Bands – 0.045 mm Thin – Width 5 mm – 3 m	499 A
Steel Matrix Bands – 0.045 mm Thin – Width 6 mm – 3 m	499 B
Steel Matrix Bands – 0.045 mm Thin – Width 7 mm – 3 m	499 C



Striproll – Blue



Striproll – Transparent

## 3.17 Restorative accessories — Anterior and cervical matrices

### Adapt™ Sectional Matrix System

- Suitable for small cavities and micro-restorations
- Transparent or blue depending on personal preference
- To be used in conjunction with Rings and forceps



Adapt Sectional Matrix System

#### Blue Adapt Sectional Matrix Kit REF/Part No. 2750

200 assorted Blue Sectional Matrices (4 x 50), 200 approximal shapers, 1 application forceps, 5 each Adapt Luciwedges (small, medium, large)

#### Blue Adapt Sectional Matrices - Refill with Approximal Shapers - Pack of 100 REF/Part No.

Blue Adapt Sectional Matrices - H. 5.0 mm - Thickness 0.05 mm - moderate curve	2751
Blue Adapt Sectional Matrices - H. 6.5 mm - Thickness 0.05 mm - moderate curve	2752
Blue Adapt Sectional Matrices - H. 5.0 mm - Thickness 0.05 mm - increased curve	2753
Blue Adapt Sectional Matrices - H. 6.5 mm - Thickness 0.05 mm - increased curve	2754

#### Transparent Adapt Sectional Matrix Kit REF/Part No. 750

200 assorted Transparent Sectional Matrices (4 x 50), 200 approximal shapers, 1 application forceps, 5 each Adapt Luciwedges (small, medium, large)

#### Transparent Adapt Sectional Matrices - Refill with Approximal Shapers - Pack of 100 REF/Part No.

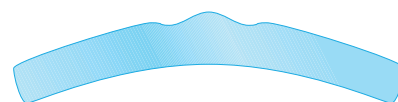
Transparent Adapt Sectional Matrices - H. 5.0 mm - Thickness 0.05 mm - moderate curve	751
Transparent Adapt Sectional Matrices - H. 6.5 mm - Thickness 0.05 mm - moderate curve	752
Transparent Adapt Sectional Matrices - H. 5.0 mm - Thickness 0.05 mm - increased curve	753
Transparent Adapt Sectional Matrices - H. 6.5 mm - Thickness 0.05 mm - increased curve	754
Blue Adapt Sectional Matrices- 1 pair of application forceps	755

#### Transparent Adapt Sectional Matrices - Refill w/o Approximal Shapers - Pack of 100 REF/Part No.

Transparent Adapt Sectional Matrices - H. 5.0 mm - Thickness 0.05 mm - moderate curve	756
Transparent Adapt Sectional Matrices - H. 6.5 mm - Thickness 0.05 mm - moderate curve	757
Transparent Adapt Sectional Matrices - H. 5.0 mm - Thickness 0.05 mm - increased curve	758
Transparent Adapt Sectional Matrices - H. 6.5 mm - Thickness 0.05 mm - increased curve	759

### Adapt™ Transparent Strips

- Anatomically pre-shaped transparent strips
- 0.075 mm thickness
- Easy-to-use even during light curing



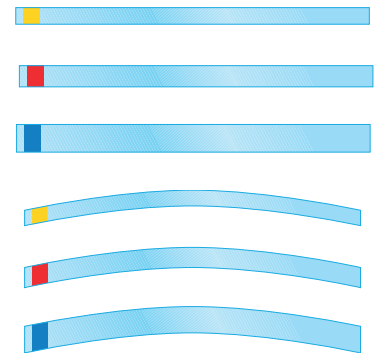
#### Adapt Transparent Strips REF/Part No. 680

Adapt Transparent Strips — Pack of 100

## Transparent Strips

- Colour-coded to identify the appropriate width
- Composite does not stick to the matrix

Transparent Strips — Refills	REF/Part No.
Transparent Strips — Yellow — 100 mm Length — 6 mm Width — Pack of 100	690
Transparent Strips — Red — 100 mm Length — 8 mm Width — Pack of 100	691
Transparent Strips — Blue — 100 mm Length — 10 mm Width — Pack of 100	692
Transparent Strips — Yellow — 73 mm Length — 6 mm Width — Pack of 100	695
Transparent Strips — Red — 73 mm Length — 8 mm Width — Pack of 100	696
Transparent Strips — Blue — 73 mm Length — 10 mm Width — Pack of 100	697



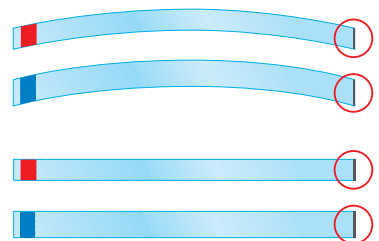
## StopStrip

- Strip can be positioned and fastened safely
- No need to hold the strips with a finger
- No hindrance to light curing
- 0.050 mm thick

StopStrip — Assortment Straight	REF/Part No. 640
75 x StopStrip — Straight — 8 mm, 75 x StopStrip — Straight — 10 mm	

StopStrip — Assortment Curved	REF/Part No. 650
75 x StopStrip — Curved — 8 mm, 75 x StopStrip — Curved — 10 mm	

StopStrip — Refill	REF/Part No.
StopStrip — Straight — 8 mm — Pack of 100	641
StopStrip — Straight — 10 mm — Pack of 100	642
StopStrip — Curved — 8 mm — Pack of 100	651
StopStrip — Curved — 10 mm — Pack of 100	652



## Striproll

The Striproll is a polyester strip in handy dispenser for all anterior teeth filling materials.

- 0.050 mm thick
- Available in transparent or blue. Blue increases the contrast between the matrix and the tooth structure

Striproll	REF/Part No.
Striproll — Blue — 6 mm Width — 15 m Length	2685
Striproll — Blue — 8 mm Width — 15 m Length	2686
Striproll — Blue — 10 mm Width — 15 m Length	2687
Striproll — Transparent — 6 mm Width — 15 m Length	685
Striproll — Transparent — 8 mm Width — 15 m Length	686
Striproll — Transparent — 10 mm Width — 15 m Length	687



Striproll — Blue



Striproll — Transparent

# Transparent Cervical Matrices

- Bendable and adaptable with less memory effect
- No manipulation needed before filling
- Compact filling without risk of composite sticking to the matrix

Transparent Cervical Matrices – Assortment	REF/Part No. 850 S
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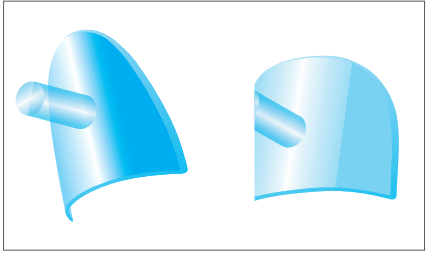
35 matrices of 5 shapes (851 S–855 S), 50 matrices of 2 shapes (856 S–857 S), 1 gingival retractor, 1 holding instrument.

Transparent Cervical Matrices – Refill	REF/Part No.
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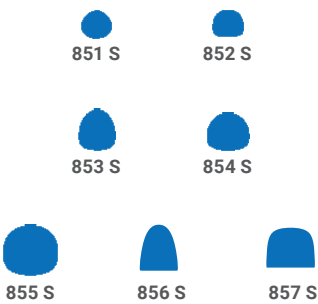
Transparent Cervical Matrices – Pack of 150	851 S
Transparent Cervical Matrices – Pack of 150	852 S
Transparent Cervical Matrices – Pack of 150	853 S
Transparent Cervical Matrices – Pack of 150	854 S
Transparent Cervical Matrices – Pack of 150	855 S
Transparent Cervical Matrices – Pack of 150	856 S
Transparent Cervical Matrices – Pack of 150	857 S

Transparent Cervical Matrices – Accessories	REF/Part No.
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Transparent Cervical Matrices – Holding instrument	861
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Transparent Cervical Matrices



### 3.17 Restorative accessories – Wedges

## Luciwedges Classic & Adapt Luciwedges

The high-tech solution for the separation of teeth, adaptation and the fixing of the matrix. Thanks to its light-reflecting power, Adapt Luciwedge is ideal for approximal light curing.

#### Luciwedges Classic – Assorted Kit

REF/Part No. 790 S

100 Luciwedges Classic Soft ultra-small, 50 Luciwedges Classic Soft small, 50 Luciwedges Classic Soft medium



Luciwedges Classic

#### Luciwedges Classic – Refill

REF/Part No.

Luciwedge Classic – Soft Ultra Small – Pack of 100	770 S
Luciwedge Classic – Soft Small – Pack of 100	771 S
Luciwedge Classic – Soft Medium – Pack of 100	772 S

## Sycamore Interdental Wedges

Made of splint-free sycamore wood that ensures stability and compressibility. Wedges adapt to the tooth's anatomy: they match the interdental contour, are easy-to-insert, and prevent damage to the papillae.

#### Sycamore Interdental Wedges – Assortments

REF/Part No.

Wedge System Assortment + 1 Wedge Positioner Instrument - Pack of 1,000	830
Sycamore Interdental Wedges - Assorted Set - Pack of 100	823
Sycamore Interdental Wedges - Assorted Set - Pack of 400	827
Sycamore Interdental Wedges - Wedges Dispenser - Assorted Set - Pack of 500	826
Wedge Positioner Instrument	820



Sycamore Interdental Wedges

#### Sycamore Interdental Wedges – Refills

REF/Part No.

	<b>Turquoise (Mini)</b>	Pack of 1,000	829/05
		Pack of 100	822/05
	<b>Orange</b>	Pack of 1,000	829/10
		Pack of 100	822/10
	<b>White</b>	Pack of 1,000	829/20
		Pack of 100	822/20
	<b>Green</b>	Pack of 1,000	829/30
		Pack of 100	822/30

#### Sycamore Interdental Wedges – Refills

REF/Part No.

	<b>Yellow</b>	Pack of 1,000	829/40
		Pack of 100	822/40
	<b>Blue</b>	Pack of 1,000	829/50
		Pack of 100	822/50
	<b>Red</b>	Pack of 1,000	829/60
		Pack of 100	822/60
	<b>White</b>	Pack of 1,000	829/70
		Pack of 100	822/70

3.17 Restorative accessories — Composite restorative systems

# Composite-Gun

The versatile gun for a bubble-free application of filling materials and cement. Unidose version suitable for Unidose composite formats.

Composite-Gun — Refills	REF/Part No.
Tubes and plugs — Transparent — Pack of 100	1913
Tubes and plugs — Orange low-viscosity — Pack of 100	1914
Tubes and plugs — Orange high-viscosity — Pack of 100	1915
Tubes and plugs — Orange with needle — Pack of 100	1916
Tubes and plugs — Grey — Pack of 100	1917
Tubes and plugs — Black — Pack of 100	1918
Caps in 4 different colours — Pack of 80	1919

# Composite Unidose Gun Dispenser



Composite Unidose Gun Dispenser	REF/Part No. 21782
Composite Unidose Gun Dispenser	



Composite-Gun

# Application System

Micro-Applicator and Micro-Brushes serve to apply liquids, medicine and varnish quickly and precisely.

Application System — Refills	REF/Part No.
	Applicator Tips — Pack of 200 24680
	Wedge Positioner — Pack of 1 820

### 3.17 Restorative accessories — Sundries

## SoftClamp™

### Universal rubber dam clamp

SoftClamp™ distributes the applied force evenly, reducing the pressure on the contact area. The grip-tight coating of the jaws allows SoftClamp to gently but firmly engage the tooth surface, minimising the risk of slippage and virtually eliminating the cause of patient discomfort and iatrogenic damage to the teeth.



SoftClamp™

SoftClamp™ — General Kit

REF/Part No. 5250

5 Clamps

3.18 Laboratory products — Gypsum products

Vel-Mix™ Crown & Bridge Die Stone

Type 4

A high-strength, low-expansion crown and bridge die stone. Produces smooth, hard and accurate surfaces. Exceptional flow and stacking properties enable Vel-Mix™ to be used for all model types. It is available in pink and white colour options.

Vel-Mix™ Crown & Bridge Die Stone — Pink	REF/Part No.
Vel-Mix Crown & Bridge Die Stone — Pink — 6 kg	60115
Vel-Mix Crown & Bridge Die Stone — Pink — 25 kg	61250

Vel-Mix™ Crown & Bridge Die Stone — White	REF/Part No.
Vel-Mix Crown & Bridge Die Stone — White — 6 kg	60119 E
Vel-Mix Crown & Bridge Die Stone — White — 25 kg	61251



Vel-Mix™ Crown & Bridge Die Stone — Pink



Vel-Mix™ Crown & Bridge Die Stone — White



# Snow White Plaster

## Type 2

Snow White is a quick-setting and reliable plaster. It is popularly used for impressions, articulation, soldering transfers, labial/occlusal indices and the fabrication of temporaries. Snow White is available in white colour, it is naturally pleasing to the eye, offering professionals a choice for all types of dental techniques.

Snow White Plaster	REF/Part No.
Snow White Plaster — 4 kg	60113
Snow White Plaster — 18.5 kg	61305



Snow White Plaster

# Suprastone Ultra Hard Die Stone

## Type 4

Suprastone Ultra Hard Die Stone is formulated for the fabrication of exceptionally hard and smooth dies/models, combining excellent physical properties with easy handling.

Suprastone Ultra Hard Die Stone — Green	REF/Part No.
Suprastone Ultra Hard Die Stone — Green — 6 kg	60606 E
Suprastone Ultra Hard Die Stone — Green — 25 kg	60607 E

Suprastone Ultra Hard Die Stone — Yellow	REF/Part No.
Suprastone Ultra Hard Die Stone — Yellow — 6 kg	62600
Suprastone Ultra Hard Die Stone — Yellow — 25 kg	62601



Suprastone Ultra Hard Die Stone — Green



Suprastone Ultra Hard Die Stone — Yellow

# Hydrock™ Denture Model Stone

## Type 3

Hydrock™ is ideal for full or partial models and has a setting expansion to compensate for acrylic shrinkage. It can also be used for certain crown and bridge models. Specially available in white or yellow colour options.

Hydrock™ Denture Model Stone — Yellow	REF/Part No.
Hydrock Denture Model Stone — Yellow — 5 kg	35822
Hydrock Denture Model Stone — Yellow — 25 kg	35820

Hydrock™ Denture Model Stone — White	REF/Part No.
Hydrock Denture Model Stone — White — 5 kg	35821
Hydrock Denture Model Stone — White — 25 kg	35819



Hydrock™ Denture Model Stone — Yellow



Hydrock™ Denture Model Stone — White

3.18 Laboratory products — Waxes

Ultra-Waxer™ 2

The electronic waxer with dual spatulas for increased productivity, tip holder for convenience and organisation, as well as easy-to-use functions, such as programmable presets and quick heat function. It has a temperature range of 36-260 °C.



Ultra-Waxer™ 2

Ultra-Waxer™ 2	REF/Part No. 34844
Ultra-Waxer – with foot control	

Ultra-Waxer™ 2 Ultra-Spatula

The Ultra-Waxer™ 2 Ultra-Spatula features an all-aluminium lightweight body with interchangeable heating tips, which are colour-coded for quick identification, foam gripped for ultimate comfort and offer the ability to change the tip while still hot.



Ultra-Waxer™ 2 Ultra-Spatula		REF/Part No.
1	Ultra-Waxer 2 Ultra-Spatula – Short Heating Tip – Small PKT – Blue	35167
2	Ultra-Waxer 2 Ultra-Spatula – Short Heating Tip – Large PKT – Teal	35168
3	Ultra-Waxer 2 Ultra-Spatula – Short Heating Tip – Beavertail – Purple	35169
4	Ultra-Waxer 2 Ultra-Spatula – Short Heating Tip – Small #7 – Grey	35170
5	Ultra-Waxer 2 Ultra-Spatula – Short Heating Tip – Large #7 – Green	35171
6	Ultra-Waxer 2 Ultra-Spatula – Short Heating Tip – 1/2 Hollenback – Black	35173
7	Ultra-Waxer 2 Ultra-Spatula – Long Heating Tip – Small Denture – Pink	35174
8	Ultra-Waxer 2 Ultra-Spatula – Long Heating Tip – Large Denture – Orange	35175

## 3.18 Laboratory products — Lab equipment

# Galetti™ Articulator

The Galetti™ Articulator is a plasterless, fixed-plane articulator, simple to use with easy adjustments.

### Galetti Articulator

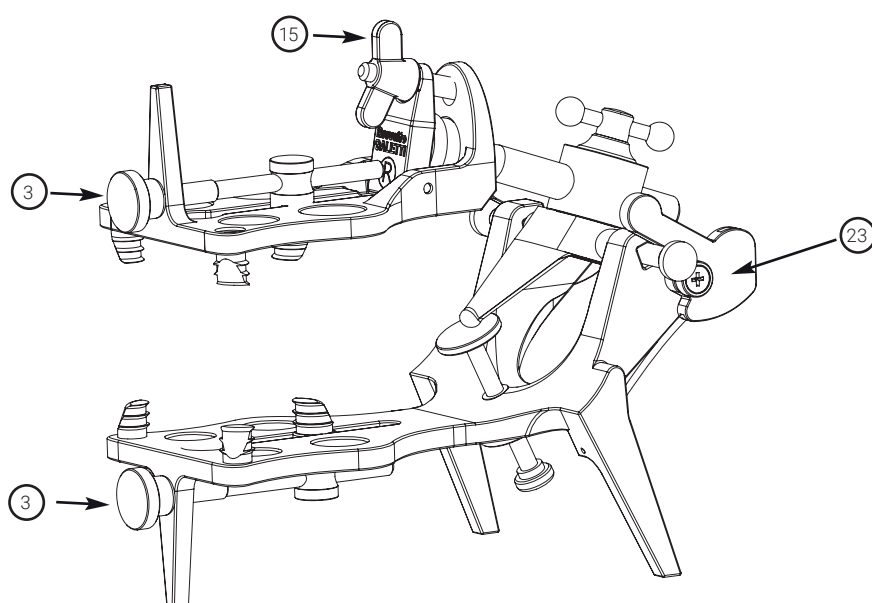
REF/Part No. 61332

Galetti Articulator

### Galetti Articulator — Spare Parts

REF/Part No.

Tension bolt no. 3	60481
Bolt for wing nut no. 15	60494
Locking device no. 23	60480 E



3.18 Laboratory products — Lab solutions

Debubblizer™

Debubblizer is a surface tension reducing agent that allows investment to flow uniformly and smoothly to all portions of the wax pattern. It is designed for use with an investment vibrator.

Debubblizer™	REF/Part No. 36605
500 ml Bottle	



Debubblizer™

Die Spacers, Sealers, Hardeners

The Kerr Die Spacers feature finer filler particles combined with a less aggressive solvent, for a stable and user-friendly formula.

Die Spacers, Die Sealers, Die Hardeners	REF/Part No.
Classic Cement Spacer Blue 15 ml (20µm)	62750
Classic Cement Spacer Grey 15 ml (20µm)	62751
Classic Model Hardener/Spacer Clear 15 ml (03µm)	62760
Die Sealer/Hardener Clear 15 ml (00µm)	62761
Die Spacer Thinners 15 ml (00µm)	62762
Die Spacers, Die Sealers, Die Hardeners — Accessories	REF/Part No.
Carbide Margin Trimming Bur	013-310



Die Spacers, Sealers and Hardeners

## Microfilm™

A non-oily, water-soluble die lubricant that allows an accurate wax pattern to be removed without distortion. It also acts as a mould release.

**Microfilm™**
**REF/Part No. 36606**

500 ml Bottle



Microfilm™

## Super-Sep™

An alcohol-based gypsum separating fluid that leaves no film and dries on contact. Plaster, stone or investments can be poured against it immediately following application.

**Super-Sep™**
**REF/Part No. 36607**

500 ml Bottle



Super-Sep™

## Tab 2000

Auto-cured acrylic material for temporary crowns, bridges and splints.

**Tab 2000 – Intro Pack**
**REF/Part No. 61770**

3 x 30 g Powder, light, medium and Yellow, 2 x 30 ml Liquid, Fast and Regular Set

**Tab 2000 – Refills**
**REF/Part No.**

Tab 2000 – Powder only – 50 g – Light	61771
Tab 2000 – Powder only – 50 g – Medium	61772
Tab 2000 – Powder only – 50 g – Yellow	61773
Tab 2000 – Liquid only – 50 ml – Regular Set	61774
Tab 2000 – Liquid only – 50 ml – Fast Set	61775




Tab 2000 – Intro Pack

3.18 Laboratory products — Miscellaneous


# Identoflex™ Gold Polishers

Pre-polishers and high-gloss polishers.

Identoflex™ Gold Pre-polishers — Brown			REF/Part No.
	Lenticular	Pack of 12	ID 4022/12

# Lab-Min Universal

The Lab-Min Universal polishers are special unmounted polishers for acrylics and other synthetic resins, gold and non-precious metals, and hard or soft reline materials. Two grit sizes, brown (coarse) and grey (fine), enable a rapid performance and generate no heat.  
Maximum speed: 15,000 rpm.

Lab-Min Universal — Fine — Grey			REF/Part No.
	Torpedo	Pack of 12	ID 1610/12

# Super Acrylic Polishers

A specially developed polisher for acrylics. The dark blue polisher is used during the initial polishing phase. It will smooth coarse and rough areas of the prostheses without damaging teeth. The fine light blue polisher prepares the prostheses for final lathe polishing.



Super Acrylic Polishers


Super Acrylic Polishers — Mounted — Coarse — Dark Blue			REF/Part No.
	Flame	Pack of 6	ID 2312/6
	Narrow Flame	Pack of 6	ID 2332/6
Super Acrylic Polishers — Mounted — Fine — Light Blue			REF/Part No.
	Flame	Pack of 6	ID 2412/6
	Narrow Flame	Pack of 6	ID 2432/6
Super Acrylic Polishers — Unmounted — Fine — Light Blue			REF/Part No.
	Narrow Flame	Pack of 12	ID 2430/12

# AABA™-Dental Universal

Universal prepolishing programme for all filling materials.



AABA™-Dental Universal

AABA™-Dental Universal — black			Art.Nr.
	Large cup	Packung mit je 12	ID 3210/12

# Carbide Margin Trimming Bur

The Carbide Margin Trimming Bur is a multi-faceted carbide bur for ditching stone, epoxy or plated dies.

Carbide Margin Trimming Bur	REF/Part No. 013-310
Carbide Margin Trimming Bur	



Carbide Margin Trimming Bur

# Margin Liners

Margin Liners are made from an organic wax compound for ease of recognition at marginal extremities. They are available in two colours – blue and red – designed to burn out cleanly if picked up in the wax pattern.

Margin Liners	REF/Part No.
Margin Liners – Red – Pack of 36	35139
Margin Liners – Blue – Pack of 36	35140



Margin Liners – Red



Margin Liners – Blue





# Kerr™



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