

ENDODONTICS

DENTAL CATALOG

WHAT DO YOU CALL A CONVICTION
THAT EVERYTHING CAN ALWAYS BE
A LITTLE BETTER, EASIER AND MORE
RELIABLE?

WE CALL IT
Upgrade Dentistry

With expertise and enthusiasm, COLTENE turned this claim into reality. We know exactly our end customers needs and want and work tirelessly to provide them with innovative and smart solutions.

This is not an empty promise, it is our mission. Upgrading Dentistry makes dental treatments more effective, safe and economical for dental professionals and patients.

Better Quality. Better Reliability. Better Practise.



www.coltene.com



Content

| | CATEGORY | PRODUCT | BRAND | PAGE |
|---------|----------------------------|---|---|------|
| Step 1 | Diagnosis | Cold spray | ROEKO | 6 |
| Step 2 | Infection control | Dental Dam Dental Dam Kits Dental Dam Accessories Dental Dam Clamps | ROEKO HYGENIC | 9 |
| Step 3 | Access | Preparation Kit | DIATECH | 23 |
| Step 4 | Debridement | Hand Files Hand Files Accessories | HYGENIC ROEKO | 26 |
| Step 5 | Working length measurement | Apex Locator | CanalPro | 29 |
| Step 6 | Canal preparation | NiTi-Files NiTi-Files Accessories Cordless Handpiece | HyFlex HyFlex CanalPro | 33 |
| Step 7 | Irrigation | Rinsing Solutions Rinsing Accessories | CanalPro CanalPro | 41 |
| Step 8 | Drying | Paper Points Aspirator Tips | ROEKO ROEKO | 47 |
| Step 9 | Medicamentation | Calcium Hydroxide Points Chlorhexidine Points | ROEKO ROEKO | 55 |
| Step 10 | Temporary restoration | Temporary filling material | Coltosol DuoTEMP | 57 |
| Step 11 | Obturation | Root canal sealer Root canal filling material Guttapercha Points Accessories | RoekoSeal GuttaFlow ROEKO ROEKO | 60 |
| Step 12 | Definite restoration | Cylindrical Metal-Posts Cylindrical and conical Fiber-Posts Cylindro-conical Posts Dual-cured composite resin system | ParaPost ParaPost TENAX ParaCore | 73 |



Step 1 Diagnosis



Obtaining an accurate diagnosis is a critical step in endodontic treatment. In addition to reviewing the patient's chief complaint, medical history, dental history, and history of symptoms, objective findings must be collected and radiographs must be reviewed in order to make a definitive diagnosis.



Percussion Test



Icing the cotton pellet with Endo-Frost



Cold testing with Endo-Frost

The normal response of nerve fibers can be tested by stimulating the nerve endings of the pulp with a cold spray. As a result of this test, the vitality (existing blood flow) of the tooth can be verified.

It's important to note that use of pain relief drugs can cause a false reading (tooth is vital but does not respond to cold) or that a false cold sensation may occur on teeth with an adjacent metal restoration.



roeko Endo-Frost





ROEKO Endo-Frost



- Cold spray, 200 ml
- Temperature -50 °C
- Spray nozzle for precise application
- For freezing pellets and dental rolls
- Odorless

Endo-Frost

Cold spray, 200 ml

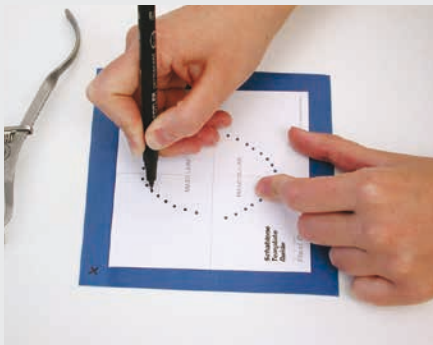
240000

Infection
control
Endodontics



Successful root canal therapy must begin with proper infection control. The Dental Dam is used in dentistry to isolate teeth during dental procedures. Treatment quality significantly increases with the use of the Dental Dam during root canal preparation, changing of medicaments, and obturation because the dental dam allows for an aseptic working environment and retracts the cheek and tongue to allow for optimal viewing. Protecting the mucosa from injury and chemical burns and preventing aspiration of irrigants and instruments, the Dental Dam also ensures that the treatment is delivered safely and efficiently. The use of the Dental Dam is a

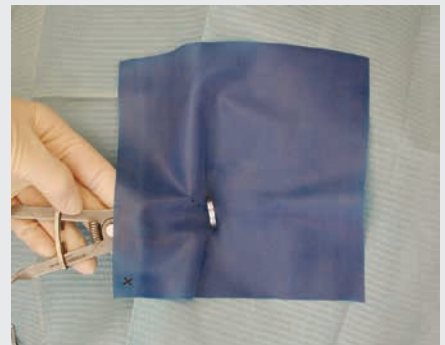
standard of care with root canal therapy and no endodontic procedure should be performed without the Dental Dam in place.



Marking Dam



Punching Dam



Inserting Clamp



Applying Dam



Flossing Dam



Dam Applied

With root canal therapy, single-tooth isolation is ideal when possible. In situations where a tooth is fractured and a clamp cannot easily be stabilized on the tooth or a tooth has proximal decay, a split-dam technique can be used.

Dental Dam





Hygenic® Framed Flexi Dam non latex



- Convenient built-in-frame - saves time
- Highly elastic Flexi Dam material - tear resistant and easy placement
- Latex free - allergy free
- Odourless - patient conform

Size 100 × 105 mm, medium, 20 pcs

Purple

H00750

Hygenic® Flexi Dam® non latex



- Low modulus of elasticity
- Individual sheets without powder
- Extra strength and flexible
- Odourless
- Latex free

Size 152 × 152 mm (6" × 6"), medium, 30 pcs

Purple

Green

H09945

H09946

Hygenic® Dental Dam non latex



- 100% latex free, Powderfree
- Similar tear resistance to natural rubber dam
- Minimum of three years shelf life
- Color reflective

Standard size

15 sheets

Size 152 × 152 mm (6" × 6"), medium

Green

H09105



Children size

15 sheets

Size 127 × 127 mm (5" × 5"), medium

Green

H09928

Big pack Standard size

75 sheets

Size 152 × 152 mm (6" × 6"), medium

Teal green

H09106



Hygenic® Fiesta® Dental Dam (latex)



- Natural rubber latex
- Assorted purple, blue and pink sheets

- Fresh fruit scent for patient and staff comfort

| Standard Size | | 36 sheets |
|-----------------------------|--|-----------|
| Size 152 × 152 mm (6" × 6") | | |
| Thin | | H04639 |
| Medium | | H04642 |
| Heavy | | H04644 |

| Children Size | | 52 sheets |
|-----------------------------|--|-----------|
| Size 127 × 127 mm (5" × 5") | | |
| Thin | | H04640 |
| Medium | | H04641 |
| Heavy | | H04643 |

Hygenic® Dental Dam (latex)



- Natural rubber latex
- Powdered

- Tear-resistant

| Standard Size | | 36 sheets |
|--|-------------|-----------|
| Ready cut, Size 152 × 152 mm (6" × 6") | | |
| Light | Thin | H00533 |
| | Medium | H00534 |
| | Heavy | H00535 |
| | Extra heavy | H00536 |
| Dark | Thin | H00538 |
| | Medium | H00539 |
| | Heavy | H00540 |
| | Extra heavy | H00541 |
| Green | Thin | H02146 |
| | Medium | H02147 |
| | Heavy | H02148 |
| | Extra heavy | H02149 |
| Blue | Medium | H03530 |
| | Heavy | H07315 |

| Children Size | | 52 sheets |
|--|-------------|-----------|
| Ready cut, Size 127 × 127 mm (5" × 5") | | |
| Light | Thin | H00523 |
| | Medium | H00524 |
| | Heavy | H00525 |
| | Extra heavy | H00526 |
| Dark | Medium | H00529 |
| | Heavy | H00530 |
| | Extra heavy | H00531 |
| Green | Thin | H02141 |
| | Medium | H02142 |
| | Heavy | H02143 |
| Blue | Extra heavy | H02144 |
| | Medium | H03529 |
| | Heavy | H07314 |

| Convenience Standard Size | | 360 sheets |
|-----------------------------|--------|------------|
| Size 152 × 152 mm (6" × 6") | | |
| Thin | Thin | H04242 |
| | Green | H04246 |
| Medium | Light | H04243 |
| | Dark | H04245 |
| | Green | H04247 |
| | Fiesta | H07317 |

| Convenience Children Size | | 364 sheets |
|-----------------------------|--------|------------|
| Size 127 × 127 mm (5" × 5") | | |
| Thin | Light | H04236 |
| | Green | H04240 |
| Medium | Light | H04237 |
| | Dark | H04239 |
| | Green | H04241 |
| | Fiesta | H07316 |
| | | |



Hygenic® Dental Dam on roll



| Standard Size | | 360 sheets |
|---------------------|-------------|------------|
| Size 152 mm × 5.5 m | | |
| Light | Medium | H00514 |
| Dark | Medium | H00519 |
| Green | Thin | H02174 |
| | Medium | H02175 |
| | Extra heavy | H02177 |

| Children Size | | 364 sheets |
|---------------------|--------|------------|
| Size 127 mm × 6.7 m | | |
| Light | Thin | H00503 |
| | Medium | H00504 |

ROEKO Flexi Dam non latex



- Latex free
- Powder free
- More tear resistant than latex
- Highly elastic for effective isolation
- No unpleasant odor
- Purple color helps distinguish from latex dams

| Flexi Dam non latex 150 × 150 mm, 0.5 mm thick, 30 pcs + template | |
|---|--------|
| Purple | 390035 |
| Blue | 390033 |

ROEKO Elasti-Dam powder free*



- Latex
- More tear resistant than standard latex dam
- Powder free
- Controlled low level of protein allows for less exposure to allergenic particles and reduced risk for development of latex allergy

| Standard Size | | 36 sheets |
|-------------------|-------|-----------|
| Size 152 × 152 mm | | |
| Medium | Green | 60013793 |
| Heavy | Green | 60013794 |

| Children Size | | 36 sheets |
|-------------------|------|-----------|
| Size 127 × 127 mm | | |
| Medium | Blue | 60013795 |
| Heavy | Blue | 60013796 |

* acc. to EN 455-3 < 5 mg/sheet 1) up to 44% more elastic, acc. to internal tests



ROEKO Dental Dam Latex



Dental Dam latex 150 × 150 mm; 36 pcs

| | |
|--------|--------|
| Thin | 390020 |
| Medium | 390021 |
| Heavy | 390022 |



Dental Dam Set

| | | |
|-----------------------------------|--------|--------|
| Dental Dam Set | | 390000 |
| Punch Type Ainsworth | 1 pc | |
| Clamp forceps Type Ivory | 1 pc | |
| Clampset | 1 pc | |
| Flexi Dam non latex with template | 30 pcs | |
| Frame acc. to Young | 1 pc | |

Hygenic® Dental Dam Kits



Complete Kits with punch and forceps

Winged or Wingless clamps

| | |
|--|--------|
| Starter Kit with Winged Clamps | H02778 |
| 6" × 6" (152 × 152 mm) Dam – green medium; 36 sheets; | |
| 6" (152 mm) Plastic frame (H01414); Fiesta 9 winged color-coded clamp pack; | |
| 6" Template; Wedjets Cord (small); Dental dam punch; Dental dam forceps | |
| Starter Kit with Winged Clamps | H02782 |
| Plastic carrying case ; 6" × 6" (152 × 152 mm) Dam – green medium; 36 sheets; | |
| 6" (152 mm) Plastic frame (H01414); Fiesta 9 winged color-coded clamp pack; | |
| 6" Template; Wedjets Cord (small); Dental dam punch; Dental dam forceps | |
| Complete Kit with Wingless Clamps | H02790 |
| 6" × 6" (152 × 152 mm) Dam – green medium; 36 sheets; | |
| 6" (152 mm) Plastic frame (H01414); Fiesta 9W wingless color-coded clamp pack; | |
| 6" Template; Wedjets cord (small); Dental dam punch; Dental dam forceps | |



Standard Kits without punch and forceps

Winged or Wingless clamps

| | |
|--|--------|
| Kit with Winged Clamps | H02779 |
| 6" × 6" (152 × 152 mm) Dam – green medium; 36 sheets; | |
| 6" (152 mm) Plastic frame (H01414); Fiesta 9 winged color-coded clamp pack; | |
| 6" Template; Wedjets Cord (small) | |
| Kit with Wingless Clamps | H02792 |
| 6" × 6" (152 × 152 mm) Dam – green medium; 36 sheets; | |
| 6" (152 mm) Plastic frame (H01414); Fiesta 9W wingless color-coded clamp pack; | |
| 6" Template; Wedjets Cord (small) | |
| Kit with Wingless Clamps and Metal Frame | H02793 |
| 6" × 6" (152 × 152 mm) Dam – green medium; 36 sheets; | |
| 6" (152 mm) Metal frame (H07083); Fiesta 9W wingless color-coded clamp pack | |
| 6" Template; Wedjets cord (small) | |



Hygenic® Complete Kit with Brinker Clamps



Complete-Kit

| | |
|---|--------|
| Hygenic Complete Kit with Brinker Clamps | H09715 |
| 5" × 5" (127 × 127 mm) Dam – green medium; 52 sheets ; | |
| 5" (127 mm) Plastic frame (H01416); Brinker universal clamp set; 5" Template; | |
| Latex Wedjets cord (small); Dental dam punch; Dental dam forceps; | |
| Non-latex Wedjets Stabilizer Cord; Instructional CD (in English) | |

Hygenic® Simple Dam Kits



Simple Dam-Kit

| | |
|---|--------|
| With Elasti-Dam | H02900 |
| 6" × 6" (152 × 152 mm) Elasti-Dam – green, medium 36 sheets (H11625) | |
| 6" (152 mm) Plastic frame (H01414) | |
| Fiesta wingless color coded clamps | |
| 6" Template | |
| Latex Wedjets (thin, yellow) | |
| Dental dam punch | |
| Dental dam forceps | |
| With Flexi-Dam | H02901 |
| 6" × 6" (152 × 152 mm) Flexi-Dam non latex – purple, 30 sheets (H09945) | |
| 6" (152 mm) Plastic frame (H01414) | |
| Fiesta wingless color coded clamps | |
| 6" Template | |
| Latex Wedjets (thin, green) | |
| Dental dam punch | |
| Dental dam forceps | |

Hygenic® Wedjets® Stabilizing Cord



- Latex-available in 3 sizes
- Non-latex-available in 2 sizes
- Alternative to conventional clamp method of securing dental dam
- Eliminates need for use of a rubber dam clamp

Wedjets Stabilizing Cord

| Latex | | | Non-Latex | | |
|-------------------|---------------|--------|-------------------|---------------|--------|
| Extra small, blue | 7 ft. (2.1 m) | H08040 | Small, lime green | 7 ft. (2.1 m) | H06524 |
| Small, yellow | 7 ft. (2.1 m) | H06522 | Large, aqua blue | 7 ft. (2.1 m) | H06525 |
| Large, orange | 7 ft. (2.1 m) | H06523 | | | |



Hygenic® Dental Dam Frame



- Autoclavable

| Dental Dam Frame | | |
|--------------------------------------|-------------|--------|
| Ostby plastic frame – radiolucent | 6" (152 mm) | H00560 |
| U-shaped plastic frame – radiolucent | 5" (127 mm) | H01416 |
| | 6" (152 mm) | H01414 |
| U-shaped metal frame | 5" (127 mm) | H07082 |
| | 6" (152 mm) | H07083 |

ROEKO Template



- Durable plastic
- Aids with proper placement on the Dental Dam

| Template | |
|----------|--------|
| | 390042 |

ROEKO Metal frame



- U-shaped frame made of high quality chrome nickel steel
- Prongs along its length hold Dental Dam secure
- Can be sterilized in autoclave or dry heat sterilizer

| Metal frame | |
|-------------|--------|
| | 390040 |



ROEKO Clamp Forceps



- Can be sterilized in the autoclave or dry heat sterilizer
- Allow for secure placement of clamp to the tooth
- High quality
- Easy to handle

Clamp Forceps

390011

ROEKO Punch



- Can be sterilized in the autoclave or dry heat sterilizer
- 8 hole size options
- Easy to handle
- High quality

Punch

390010

Hygenic® Dental Dam Forceps



Dental Dam Forceps

Stainless Steel

H01262

Hygenic® Dental Dam Punch



Dental Dam Punch

Stainless Steel

H01261

Hygenic® Ora-Shield® Dental Dam Napkins



- Prevent direct contact of dental dam with sensitive skin
- Soft, non-woven fabric
- Allow for maximal absorption of saliva, water and perspiration

Ora-Shield Dental Dam Napkins 50 pcs

Fits frame sizes 5" (127 mm) and 6" (152 mm)

H01415

Fits Holder (large size)

H00841



Hygenic® Dental Dam Stamp



- Marks standard tooth position on Dental Dam
- Compatible with most office ink pads

Dental Dam Stamp

| | | |
|---------|----------------|--------|
| 5" × 5" | (127 × 127 mm) | H01442 |
| 6" × 6" | (152 × 152 mm) | H01443 |

Dental Dam Template

| | | |
|---------|----------------|--------|
| 5" × 5" | (127 × 127 mm) | H01440 |
| 6" × 6" | (152 × 152 mm) | H01441 |

Hygenic® Gloss Finish Wingless Clamps



- Wingless Clamps are designated with a "W" (wingless) for easy identification.

Gloss Finish Wingless Clamps

| | | |
|-------|--|--------|
| #212 | Anterior teeth | H07792 |
| #W00 | Maxillary and mandibular premolar and anterior teeth | H02769 |
| #W2 | Premolars and maxillary incisors | H02768 |
| #W2A | Premolars and maxillary incisors | H02775 |
| #W3 | Flat jawed, small molars | H03814 |
| #W7 | Flat jawed, general purpose, mandibular molars | H02765 |
| #W8 | General purpose, maxillary molars | H02767 |
| #W8A | Downward sloped jaws for small, partially erupted molars | H02766 |
| #W9 | Anterior teeth | H02770 |
| #W14 | For partially erupted or irregularly shaped molars | H02774 |
| #W14A | Downward sloped jaws for large, partially erupted molars | H02764 |
| #W56 | Universal molar clamp | H03815 |



Hygenic® Gloss Finish Winged Clamps



- Allow for placement of dental dam, clamp and frame as one unit

| Gloss Finish Winged Clamps | | |
|----------------------------|--|--------|
| #00 | Maxillary and mandibular premolars and anterior teeth | H02762 |
| #1 | General purpose, maxillary premolars | H02703 |
| #2 | Premolars and maxillary incisors | H02761 |
| #2A | Premolars and maxillary incisors | H05688 |
| #3 | Flat jawed, small molars | H05689 |
| #4 | Small maxillary molars, deciduous teeth | H02704 |
| #7 | Flat jawed, general purpose, mandibular molars | H02758 |
| #8 | General purpose, maxillary molars | H02760 |
| #8A | Downward sloped jaws for small, partially erupted molars | H02759 |
| #9 | Anterior teeth | H02763 |
| #12A | Serrated jaw clamp, maxillary left molars | H02706 |
| #13A | Serrated jaw clamp, maxillary right molars | H02705 |
| #14 | For partially erupted or irregularly shaped molars | H05690 |
| #14A | Downward sloped jaws for large, partially erupted molars | H02757 |

Hygenic® Fiesta® Color Coded Matte Finish Winged Clamps



- Color coded for easy identification
- Color coded stainless steel organizer
- Non-reflective

| Fiesta Color Coded Matte Finish Winged Clamps | | |
|---|--|--------|
| #2 | ● Premolars and maxillary incisors | H09957 |
| #2A | ● Premolars and maxillary incisors | H09958 |
| #4 | ● Small maxillary molars, deciduous teeth | H09959 |
| #7 | ● Flat jawed, general purpose, mandibular molars | H09960 |
| #8A | ● Downward sloped jaws, small, partially erupted molars | H09961 |
| #9 | ● Anterior teeth | H09962 |
| #12A | ● Serrated jaw clamp, maxillary left molars | H09963 |
| #13A | ● Serrated jaw clamp, maxillary right molars | H09964 |
| #14A | ● Downward sloped jaws for large, partially erupted molars | H09965 |



Hygenic® Brinker Clamps (Tissue Retractors)



#B1
lower Molars



#B2
upper left molars



#B3
upper right molars



#B4
anterior & canines



#B5
class V restorations on all teeth



#B6

- Provide maximal retraction without laceration of gingival tissues

- Available as a set or sold individually

Brinker Clamps (Tissue Retractors)

| | | |
|-----|--|--------|
| | Brinker Universal Clamp Set (one of each B-1, B-2, B-3, B-4, B-5, B-6) | H01054 |
| B-1 | Mandibular molars | H01048 |
| B-2 | Maxillary left molars | H01049 |
| B-3 | Maxillary right molars | H01050 |
| B-4 | Premolars | H01051 |
| B-5 | Premolars and incisors | H01052 |
| B-6 | Premolars and incisors | H01053 |

Hygenic® Fiesta® Color Coded Matte Finish Wingless Clamps



#2



#8



#2A



#8A



#3



#9



#7



#14A



#56

Fiesta Color Coded Matte Finish Wingless Clamps

| | | |
|-------|--|--------|
| #W2 | ● Premolars and maxillary incisors | H02794 |
| #W2A | ● Premolars and maxillary incisors | H02795 |
| #W3 | ● Flat jawed, small molars | H02796 |
| #W7 | ● Flat jawed, general purpose, mandibular molars | H02797 |
| #W8 | ● General purpose, maxillary molars | H02798 |
| #W8A | ● Downward sloped jaws for small, partially erupted molars | H02799 |
| #W9 | ● Anterior teeth | H02800 |
| #W14A | ● Downward sloped jaws for large, partially erupted molars | H02802 |
| #W56 | ● Universal molar clamp | H02803 |



Step 2 Infection control

Hygenic® Dental Dam Clamp-Sets



Dental Dam Clamp-Sets

| | |
|---|--------|
| System-9 Winged Clamp Pack | H02701 |
| Fiesta 9 Color-coded Clamp Pack winged | H09966 |
| Fiesta Color-coded Clamp Organizer | H09956 |
| Brinker (tissue retraction) Clamp Pack | H01054 |
| Fiesta 9W Color-coded Clamp Pack wingless | H02801 |

ROEKO Clamps



- Winged clamps allow for placement of Dental Dam and clamp as one unit

Clamp Set

| | |
|---|--------|
| Clamp #00, #206, #209, #200, #201, #212 | 390050 |
|---|--------|

Clamps

| | |
|---|---------|
| #00 Premolar, high bow, narrow jaw | 390 051 |
| #206 Maxillary premolars, distinctive concave jaw | 390 052 |
| #209 Mandibular premolars, flat clamp mouth | 390 053 |
| #200 Mandibular molars | 390 054 |
| #201 Maxillary molars, concave jaw shape | 390 055 |
| #211 Anterior teeth, double-bow | 390 056 |
| #212 Anterior teeth | 390 057 |



Access
Endodontics
Debridement



Step 3 Access



An ideal endodontic access allows for straight-line access to the root canal system, which permits adequate visualization of the root canals and allows for easier placement of files and irrigation needles.

Access can be initiated with a round carbide or fissure bur. For teeth with porcelain or porcelain fused to metal crowns, use of a diamond bur with water spray may be preferred so that risk of porcelain fracture can be minimized. Once penetration of the porcelain is complete, a carbide bur can be used to cut metal and dentin due to its greater cutting efficiency. After the endodontic access is initiated, the access can be extended in axial directions with a flat-ended tapered diamond bur, a standard fissure bur, or a safe-ended bur. Due to the fact that safe-ended burs are non-cutting at the tip, gouging or perforation of the pulpal floor can be prevented by using such burs.



Locating the canal



Remove dentin from pulpal floor



Removal of caries

Locating all canals can be challenging in teeth that have a high degree of coronal calcification. In such instances, using a surgical length carbide bur may be necessary to remove dentin from the pulpal floor. Ultrasonic tips can also be used for more controlled removal of dentin while searching for hidden canals.

Prior to accessing the root canal system, all caries and defective restorations should be removed. The bur that was used to remove caries and restorative materials should be switched and a new bur should always be used to continue with endodontic access.

Endo Preparation Kit



■ Selected by Professor Dr. Gambarini

Endo Preparation Kit (selected by Prof. G. Gambarini)

250062AA



| | | | | |
|---|---|---|---|---|
|  |  |  |  |  |
| ISO 001524 014 / 200808AA | ISO 001 52 018/ 200089AA | ISO 219 524 016 / 200391AA | ISO 198 524 014 8.0 / 200435AA | ISO 223 066 / 235046AA |
| 801L 014 125 µm | 801 018 125 µm | 851 016 125 µm | 856 014 125 µm | C245 008 |

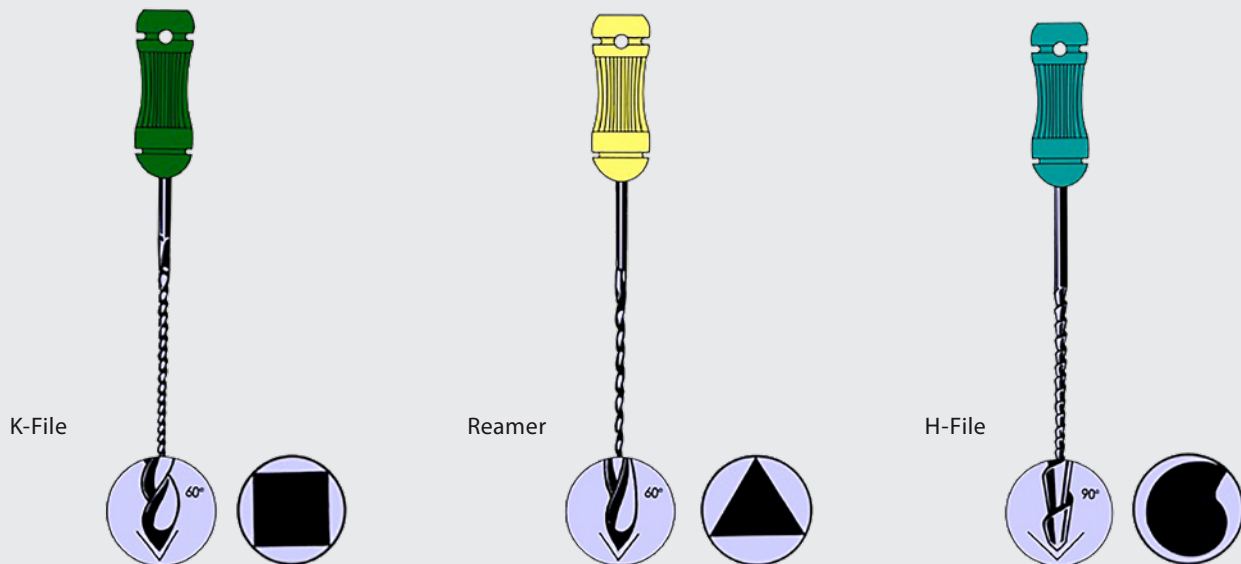
Fig. No.
ISO Ø 1/10 mm
Grit Size



Step 4 Debridement



Following placement of the rubber dam, disinfecting the working field, and accessing the tooth, debridement of the inflamed or infected pulp tissue is achieved with hand files. The files negotiate the canals to working length and establish a smooth glide path from the canal orifice to the apex. Factors, such as calcification and canal curvature can make debriding the canals extremely challenging. Appropriate irrigants, such as sodium hypochlorite (NaOCl) and ethylenediaminetetraacetic acid (EDTA), facilitate debridement of the root canal system. Hand instruments that have .02 taper are commonly used to negotiate the canal system to length.



Such hand instruments are manufactured in three different designs:

- K-files – Square, triangular or diamond in cross-section and have an increased number of flutes. Work in a rotational motion as well as a pulling motion to clean and enlarge the canals. Primary files used for initial negotiation and debridement of the canals.
- Reamers – Triangular in cross-section and have fewer flutes. Work in a rotational motion to clean the canal system.
- H-files – Milled as opposed to twisted and often used during retreatment to remove gutta-percha. Work in a push-pull motion and cut on the pulling stroke. It is extremely important to note that due to high risk of fracture. A glide path should be created with hand or rotary glide path files.



HYGENIC® Hyflex® X-File®



- Exceptional flexibility in the apical 1/3
- Flexibility protects against ledging, zipping and transportation

- Double-fluted design to maximize cutting efficiency

Nickel Titanium Starter Kit length 25 mm

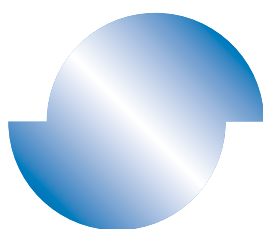
| | | |
|-------|-------|--------|
| 15 | 6 pcs | H08438 |
| 20 | 6 pcs | |
| 25 | 6 pcs | |
| 30 | 6 pcs | |
| 35 | 6 pcs | |
| 40 | 6 pcs | |
| 15-40 | 6 pcs | |

Nickel Titanium 6 pcs

| Size | 21 mm | 25 mm |
|----------------|--------|--------|
| Assorted 15-40 | H08391 | H08413 |
| Assorted 45-80 | H08392 | H08414 |
| 15 | H08374 | H08396 |
| 20 | H08376 | H08398 |
| 25 | H08378 | H08400 |
| 30 | H08380 | H08402 |
| 35 | H08382 | H08404 |
| 40 | H08384 | H08406 |
| 45 | H08385 | H08407 |
| 50 | H08386 | H08408 |
| 55 | H08387 | H08409 |
| 60 | H08388 | H08410 |
| 70 | H08389 | H08411 |
| 80 | H08390 | H08412 |

Stainless Steel 6 pcs

| Size | 21 mm | 25 mm |
|------|--------|--------|
| 08 | H08371 | H08393 |
| 10 | H08372 | H08394 |





ROEKO Root Canal Instruments

- Stainless steel
- Can be sterilized

- Effective cutting



| K-Files (ISO) length 25 mm | |
|----------------------------|--------|
| Size | 6 pcs |
| Assorted 15–40 | 381154 |
| Assorted 45–80 | 381458 |
| 8 | 381008 |
| 10 | 381010 |
| 15 | 381015 |
| 20 | 381020 |
| 25 | 381025 |
| 30 | 381030 |
| 35 | 381035 |
| 40 | 381040 |
| 45 | 381045 |
| 50 | 381050 |
| 55 | 381055 |
| 60 | 381060 |
| 70 | 381070 |
| 80 | 381080 |

| H-Files (ISO) length 25 mm | |
|----------------------------|--------|
| Size | 6 pcs |
| Assorted 15–40 | 382154 |
| Assorted 45–80 | 382458 |
| 8 | 382008 |
| 10 | 382010 |
| 15 | 382015 |
| 20 | 382020 |
| 25 | 382025 |
| 30 | 382030 |
| 35 | 382035 |
| 40 | 382040 |
| 45 | 382045 |
| 50 | 382050 |
| 55 | 382055 |
| 60 | 382060 |
| 70 | 382070 |
| 80 | 382080 |

| Reamers (ISO) length 25 mm | |
|----------------------------|--------|
| Size | 6 pcs |
| Assorted 15–40 | 380154 |
| Assorted 45–80 | 380458 |
| 8 | 380008 |
| 10 | 380010 |
| 15 | 380015 |
| 20 | 380020 |
| 25 | 380025 |
| 30 | 380030 |

| Reamers (ISO) length 25 mm | |
|----------------------------|--------|
| Size | 6 pcs |
| 35 | 380035 |
| 40 | 380040 |
| 45 | 380045 |
| 50 | 380050 |
| 55 | 380055 |
| 60 | 380060 |
| 70 | 380070 |
| 80 | 380080 |

ROEKO Stops



- Silicone

- Radiopaque

| Stops | | |
|-------|--------|--------|
| Stops | 50 pcs | 331000 |



Step 5 Working length measurement

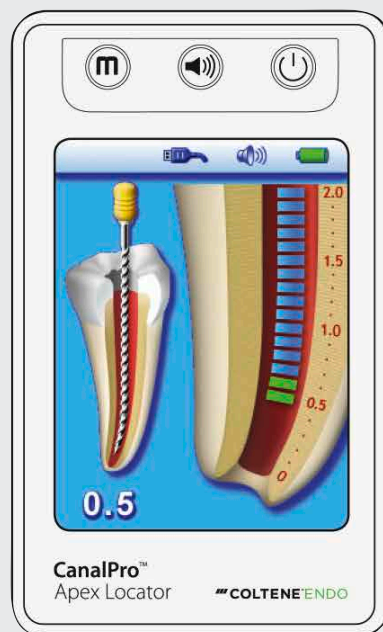


Accurate determination of working length is critical for the success of endodontic treatment. Inspection of pre-operative radiographs, use of tactile sensation, or evaluation of fluid on the tip of paper points may help with estimating working length. Modern electronic length measurement devices, such as the CanalPro Apex Locator, provide a reliable method for confirming working length. Such devices determine the location of the apical constriction with the help of electrical resistance. Electronic length measurement is often more precise than radiographic determination of working length and can be repeated at any time to verify canal length.

Working length should be measured after coronal flaring has been performed. Many canals have a coronal dentin shelf that, once removed, results in a straighter glide path and shorter working length. Obtaining working length prior to coronal flaring, therefore, can result in a working length that is inaccurate.



File tracking



Working length



Over-instrumentation

During the use of the CanalPro Apex Locator, any of the following situations should be checked to avoid an erroneous reading:

- Tooth with immature roots
- Tooth with a perforation
- Excessive fluid in the pulp chamber
- Canal system is too dry
- File being used for length measurement contacts a metal restoration
- Residual gutta-percha remaining in retreatment cases
- Working length measurements obtained with an electronic apex locator should always be verified with a radiograph to ensure accuracy.



CanalPro™ Apex Locator

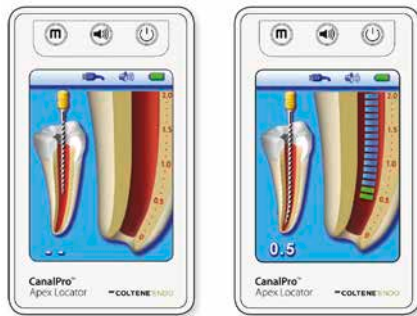
CanalPro™ Apex Locator Compact





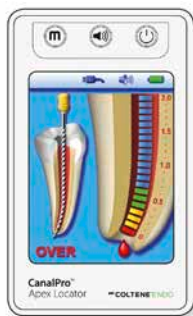
Step 5 Working length measurement

CanalPro™ Apex Locator



File tracking

Large apical zone



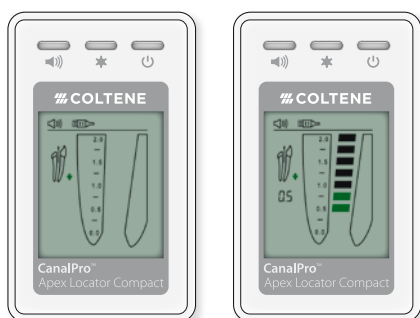
Over-instrumentation

- Brilliant, colored 3D panel
- Accuracy of measurement
- Comfortable
- Fully automatic
- Interactive operation
- Built-in demo mode
- Virtual Apex Function
- Audio feedback with volume control
- Built-in self-test for a fast function control
- Auto-off
- Rechargeable battery

Apex Locator

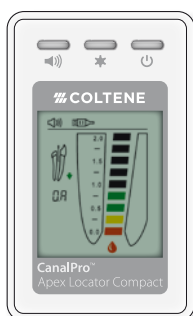
| | | |
|------------------------------|-------|----------|
| CanalPro Apex Locator EU Kit | | 60014334 |
| 1 × Apex Locator | | |
| 1 × Charger | | |
| 1 × Measuring cable | | |
| 2 × Lip clips | | |
| 2 × File clips | | |
| 1 × Touch probe | | |
| Measuring cable | 1 pc | 60014335 |
| File clips | 2 pcs | 60014336 |
| Touch probe | 2 pcs | 60014337 |
| Lip clips | 5 pcs | 60014338 |
| Charger | 1 pc | 60014339 |
| Rechargeable battery | 1 pc | 60014340 |

CanalPro™ Apex Locator Compact



File tracking

Large apical zone



Over-instrumentation

- Results in canals with dry and wet condition
- LCD for optimal performance
- Built-in demo mode to demonstrate operation

Apex Locator Compact

| | | |
|--------------------------------------|-------|----------|
| CanalPro Apex Locator Compact EU-Kit | | 60019095 |
| 1 × Apex Locator Compact | | |
| 1 × Holder | | |
| 2 × Lithium button cells CR2032 | | |
| 1 × Measuring cable | | |
| 2 × Lip clips | | |
| 2 × File clips | | |
| 1 × Touch probe | | |
| 1 × Screwdriver | | |
| 1 × User Guide | | |
| Measuring cable | 1 pc | 60014335 |
| File clips | 2 pcs | 60014336 |
| Touch probe | 2 pcs | 60014337 |
| Lip clips | 5 pcs | 60014338 |

Endodontics

Canal preparation

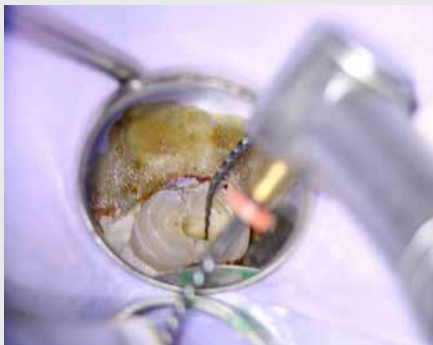


Step 6 Canal preparation



The primary objectives of canal preparation are to remove infected tissue, provide irrigants access to the entire length of the canal, and create space for placement of medicaments and the definitive obturation material. As long as the clinician respects canal anatomy and geometry as he/she works to achieve the primary objectives as outlined above, a successful outcome can be achieved regardless of technique used.

A new generation of NiTi heat-treated files have increased superelasticity compared to traditional NiTi files and lack pseudo elasticity. Such benefits allow for superior canal tracking during instrumentation and practically eliminate the risk for procedural errors, such as file separation and canal transportation. Larger apical preparation sizes, which are needed to eliminate intracanal biofilm and adequately debride the apical region of the canal, can be achieved safely. In addition, with the lack of pseudo elasticity the files can be pre-bent, they are ideal for use in patients with limited opening or with teeth in which access to the root canal system is challenging.



HyFlex CM file



HyFlex CM pre-curved



HyFlex CM canal prep

An example of how to safely instrument the canal system once a tooth has been properly isolated with a Dental Dam:

- Access and locate the canals
- Establish a glide path at the estimated working length with HyFlex GPF files
- Coronally flare the canals with an orifice opener (25/08) or Gates Glidden burs
- Confirm working length with an electronic apex locator
- To confirm glide path, hand filing up to #20 is recommended
- Instrument the canals using HyFlex CM rotary files using the following sequence, inserting all files to working length, 20/04, 25/04, 20/06, 30/04, 40/04.
- Check patency in between each file change
- If resistance occurs repeat prior step

HyFlex™ CM & EDM CanalPro™ CL & CL 2





Step 6 Canal preparation

HyFlex™ CM – The regenerative NiTi File

Controlled memory + Extreme flexibility = Superior canal tracking

HyFlex Controlled Memory NiTi Files have been manufactured utilizing a unique process that controls the material's memory.



✓ Before use



✓ After use



✓ After heat treatment



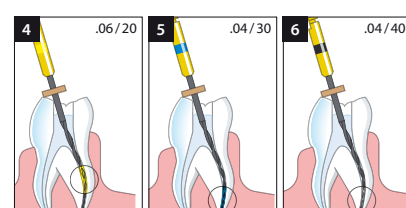
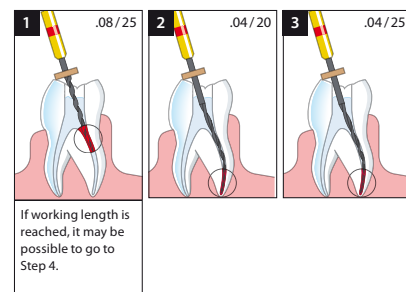
✗ Untwisted (discard)

Advantages:

- The files are extremely flexible and have controlled memory.
- This gives the file the ability to follow the anatomy of the canal very closely, reducing the risk of ledging, transportation or perforation.
- The files can be pre-bent, to allow for easy insertion into canals with limited opening.

Regains shape after heat treatment = Multi-use

- HyFlex CM NiTi Files respond to excessive resistance with straightening of the spirals, which avoids binding to the walls and therefore increases fracture resistance.
- This form adaptation can be reversed quickly by heat treatment (during autoclaving or with a glass bead sterilizer) returning the instruments back to their original shape.
- Furthermore the heat treatment will strengthen the files making them a lot more resistant to cyclical fatigue.
- Also the heat treatment provides a clear visual opportunity to verify safe continuation of file use.



Up to 300 % more resistance to separation

HyFlex CM NiTi Files with Controlled Memory are up to 300 % more resistant to cyclical fatigue compared to conventional NiTi files, which substantially helps reducing the incidence of file separation.

Step by Step

HyFlex CM NiTi Files can be used with crown-down, step-back or our recommended single length technique (500 rpm, up to 2.5 N·cm).



HyFlex™ CM NiTi Files



HyFlex GPF Sequence

| Size | 25 mm |
|------------------------------------|----------|
| 2 × 15/.01, 2 × 15/.02, 2 × 20/.02 | 60018753 |

HyFlex CM NiTi File Refills, 6 pcs

| Size | 19 mm | 21 mm | 25 mm | 31 mm |
|-----------------------|----------|----------|----------|----------|
| 25/.08 | 60011048 | | | |
| 15/.04 | | 60011049 | 60011065 | 60018284 |
| 20/.04 | | 60011050 | 60011066 | 60018285 |
| 25/.04 | | 60011052 | 60011067 | 60018286 |
| 30/.04 | | 60011053 | 60011068 | 60018287 |
| 35/.04 | | 60011054 | 60011069 | |
| 40/.04 | | 60011055 | 60011070 | 60018288 |
| 45/.04 | | 60011056 | 60011071 | |
| 50/.04 | | 60011057 | 60011072 | 60018289 |
| 60/.04 | | 60011058 | 60011073 | 60018290 |
| 20/.06 | | 60011059 | 60011074 | 60018291 |
| 25/.06 | | 60011060 | 60011075 | |
| 20/.06, X-tra Spirals | | 60018699 | 60018700 | 60018701 |
| 25/.06, X-tra Spirals | | 60018702 | 60018703 | 60018704 |
| 30/.06 | | 60011061 | 60011076 | 60018292 |
| 35/.06 | | 60011062 | 60011077 | |
| 40/.06 | | 60011063 | 60011078 | 60018293 |

HyFlex CM NiTi-Files Sequence Single length, 6 pcs

| Size | 21 mm | 25 mm | 31 mm |
|--|----------|----------|----------|
| 25/.08 19 mm; 20/.04; 25/.04; 20/.06; 30/.04; 40/.04 | 60011064 | 60011079 | 60018294 |

HyFlex CM NiTi-Files Sequence Crown down, 6 pcs

| Size | 21 mm | 25 mm | 31 mm |
|--|----------|----------|----------|
| S (25/.08 19 mm; 35/.04; 30/.04; 25/.04; 20/.04; 15/.04) | 60018689 | 60018692 | 60018695 |
| M (25/.08 19 mm; 60/.04; 50/.04; 45/.04; 40/.04; 35/.04) | 60018690 | 60018693 | 60018696 |
| L (25/.08 19 mm; 40/.06; 35/.06; 30/.06; 25/.06, 20/.06) | 60018691 | 60018694 | 60018697 |

HyFlex CM Introkit

| Article | |
|--|----------|
| Introkit Compact (1 × Organizer, 1 × 25 mm Sequence, 1 × ROEKO GP Greater Taper) | 60018786 |




Step 6 Canal preparation








HyFlex™ EDM – Electrical Discharge Machining


The new HyFlex EDM files constitute the 5th generation root canal files. HyFlex EDM NiTi files have completely new properties due to their innovative manufacturing process using electric discharge machining. Workpieces are machined in the EDM manufacturing process by generating a potential between the workpiece and the tool. The sparks generated in this process cause the surface of the material to melt and evaporate.









This creates the unique surface of the new Niti files and makes the HyFlex EDM files stronger and more fracture resistant. This entirely unique combination of flexibility and fracture resistance makes it possible to reduce the number of files required for cleaning and shaping during root canal treatments without having to compromise preservation of the root canal anatomy.

Just like HyFlex CM files, HyFlex EDM files have the already familiar controlled memory effect (CM). This results in very similar properties in terms of material flexibility and regeneration.



| | Optional Access Opening | Glidepath | Shaping | Optional Finishing |
|---------|--|---|--|--|
| CORONAL |  |   |  |    |
| MIDDLE | | | | |
| APICAL | | | | |
| | 25/.12 Orifice Opener | Hand File 10/.05 Glidepath File | 25/~ HyFlex OneFile | 40/.04 50/.03 60/.02 Finishing Files |



| | Optional Access Opening | Glidepath | Shaping | Optional Finishing |
|---------|---|---|---|---|
| CORONAL |  |   |   |    |
| MIDDLE | | | | |
| APICAL | | | | |
| | 25/.12 Orifice Opener | Hand File 10/.05 Glidepath File | 20/.05 HyFlex EDM 25/~ HyFlex OneFile | 40/.04 50/.03 60/.02 Finishing Files |

HyFlex™ EDM

Reduced Number of Files

Depending on the clinical situation, use of HyFlex EDM files reduces the number of files to 2-3 pieces particularly in straight and larger canals.

All HyFlex EDM NiTi Files can be used at 400 rpm and at a torque of up to 2.5 Ncm (25 mNm) excepted the Glidepath files which can be used with 300 rpm and at a torque of up to 1.8 Ncm (18 mNm).

Regeneration by thermal treatment



Before use



After heat treatment



After use



Untwisted (discard)



HyFlex™ EDM NiTi Files



HyFlex EDM NiTi File Sequences

| Content / Sizes | 21 mm | 25 mm |
|---|----------|----------|
| Shaping Set Simple 10/05; 25/~; 25/12 15 mm | 60022267 | 60019363 |
| Shaping Set Medium 10/05; 20/05; 25/~ | 60022277 | 60022278 |
| Finishing Set 40/04; 50/03; 60/02 | 60022268 | 60019364 |

HyFlex EDM NiTi File Refills, 3 pcs

| Size / Taper | 15 mm | 21 mm | 25 mm |
|------------------------|----------|----------|-------|
| 25/12 Orifice Opener | 60019596 | | |
| 10/05 Glidepath File | 60022269 | 60019594 | |
| 20/05 Preparation File | 60022275 | 60022276 | |
| 25/~ HyFlex OneFile | 60022270 | 60019595 | |
| 40/04 Finishing File | 60022271 | 60019597 | |
| 50/03 Finishing File | 60022272 | 60019598 | |
| 60/02 Finishing File | 60022274 | 60019599 | |

HyFlex EDM Introkit

Article

| | |
|--|----------|
| Introkit Compact (1 × Organizer, 1 × HyFlex EDM Shaping Set + 40/04 Finisher File, 1 × ROEKO GP Greater Taper) | 60019660 |
|--|----------|

Endo Highlight Kit

Article

| | |
|--|----------|
| 1 × HyFlex EDM Shaping Set Simple (10/05, 25/~, 25/12), 1 × ROEKO GuttaFlow bioseal 2.5 ml, 1 × ROEKO Guttapercha Points HyFlex EDM OneFile 25 | 60022033 |
|--|----------|

HyFlex™ Accessories



HyFlex Accessories

| Article | Content | |
|--------------------------|------------------|----------|
| Endo Procedure Block | 1 pc | 60011083 |
| Endo Organizer | 1 pc | 60018783 |
| Endo Practice Block Pack | 3 acrylic blocks | 60011085 |





CanalPro™ CL (Cordless Handpiece)



- Ergonomic design and control
- Big, user friendly LCD area
- 5 storage programs
- Auto-reverse mod
- 6 head positions allow contra angle head to be adjusted to your preferred position
- Operating time: approx. 80 min.
- Quick charging time of approx. 90 min.
- Contactless charging via induction
- Power saving mode after 10 min. when not in use
- Contra angle head is autoclavable at 135 °C
- Rotation Speed: 140 ~ 550 rpm
- Torque Level: 0.3 ~ 3.0 Ncm

CanalPro CL & Accessories

| | | |
|---|---------------------|----------|
| Complete Set EU / UK (without Apex Locator connection) 1 × Motor Handpiece, 1 × Charger, 1 × Contra Angle 16:1 | 60011035 / 60011036 | |
| Complete Set EU / UK (with Apex Locator connection) 1 × Motor Handpiece, 1 × Charger, 1 × Contra Angle 16:1 AL | 60014050 | |
| Motor Handpiece | 1 pc | 60011037 |
| Charger | 1 pc | 60011038 |
| Contra Angle 16:1 (without Apex Locator connection) | 1 pc | 60011039 |
| Contra Angle 16:1 AL (with Apex Locator connection) | 1 pc | 60013747 |

CanalPro™ CL 2 (Cordless Handpiece)



- Ergonomic design and control
- Big, user friendly LCD area
- Multiple speed settings, Torque Level, Auto-reverse mod and Translation ratio
- Audio feedback for Auto-reverse mod
- Acoustic warning signal by 75 % of the set torque value
- 6 storage programs
- Operating time: approx. 90 min.
- Rotation Speed: 120 ~ 500 rpm
- Torque Level: 0.3 ~ 3.0 Ncm

CanalPro CL 2 & Accessories

| | | |
|--|----------|----------|
| Complete Set EU 1 × Motor Handpiece, 1 × Motor Handpiece Cover, 1 × Charger, 1 × Charging Cable, 1 × Contra Angle 16:1, 1 × Oil supply | 60019362 | |
| Motor Handpiece | 1 pc | 60018730 |
| Motor Handpiece Cover | 1 pc | 60018735 |
| Charger | 1 pc | 60018733 |
| Charging Cable (EU) | 1 pc | 60019371 |
| Contra Angle 16:1 | 1 pc | 60018731 |
| Oil supply | 1 pc | 60018736 |

Irrigation **Endodontics**

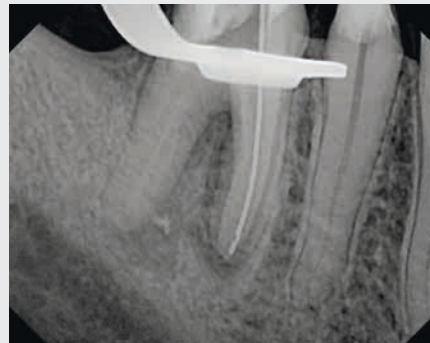


Step 7 Irrigation



As studies have shown that approximately 40-50% of the root canal space remains untouched by conventional endodontic files, mechanical debridement alone cannot sufficiently clean and disinfect the root canal system. Chemical debridement in combination with mechanical debridement, also known as chemomechanical debridement, is necessary for successful root canal treatment.

Irrigants are used to help dissolve vital and necrotic tissue, eradicate bacteria and other microorganisms, remove the smear layer, and lubricate the canal system. As no single irrigant exists that can accomplish all of the above goals, multiple solutions must be used during clinical treatment. Sodium hypochlorite (NaOCl), ethylenediaminetetraacetic acid (EDTA), and 2% Chlorhexidine (CHX) are commonly used for chemical debridement during the process of canal preparation.



Side-port irrigation tip taken to proper length

Mixing NaOCl with CHX results in formation of an orange carcinogenic precipitate known as parachloroaniline. Clinicians, therefore, should use extreme caution not to use the two irrigants in succession. EDTA can be used to neutralize NaOCl so that CHX can be used safely. An example of a common irrigation protocol is as follows:

- NaOCl used throughout the process of canal instrumentation
- EDTA used to remove the smear layer once canal instrumentation is complete
- 2% CHX used as the final irrigant before obturation

CanalPro™ Irrigation and rinsing





CanalPro™ – Endodontic Irrigating Solutions

When it comes to irrigating, CanalPro Endodontic Solutions are your best choice for successful treatment. We have engineered our endodontic solutions to minimize the time spent on irrigation, giving you the best approach to cleansing canals and the BEST OUTCOMES.

CanalPro™ SyringeFill



- Innovative, modular system for the safe and efficient filling of syringes with irrigation solutions.
- Protects against contamination
- Safe and clean dispensing
- Time-saving one-hand use
- Prevents loss of material

| SyringeFill | | |
|--------------------------------|------|----------|
| Station | | 60019661 |
| 1 × Bottle holder incl. base | | |
| 1 × CanalPro NaOCl 3 %, 500 ml | | |
| 3 × CanalPro SyringeFill Cap | | |
| Holder | | 60019667 |
| 1 × Bottle holder | | |
| 1 × CanalPro NaOCl 3 %, 500 ml | | |
| 3 × CanalPro SyringeFill Cap | | |
| Cap | 1 pc | 60019662 |



CanalPro™ NaOCl



- For irrigation/debridement of root canals during and after instrumentation
- Available in 3 % and 6 % formula

| NaOCl | | |
|-------|--------|----------|
| 3 % | 500 ml | 60019655 |
| 6 % | 500 ml | 60019656 |

CanalPro™ EDTA 17 %



- pH value 8.5
- Removes smear layer and dentin mud
- Opens dentin tubules
- Disinfection solutions (e.g. alcohol) to work better
- Better adhesion of sealers and obturation materials

| EDTA 17 % | | |
|-----------|--------|----------|
| 17 % | 100 ml | 60019654 |
| 17 % | 500 ml | 60019651 |

CanalPro™ CHX 2 %



- Chlorhexidine digluconate solution
- Recommended for additional rinsing and during revisions
- Very effective against E. faecalis and fungi

| CHX 2 % | | |
|---------|--------|----------|
| 2 % | 100 ml | 60019659 |
| 2 % | 500 ml | 60019658 |



CanalPro™ Color Syringes



- Latex-Free
- Offer a fast, easy way to organize and identify syringes
- Color coded
- Available in 10 ml and 5 ml

Color Syringes 50 syringes/box

| | 10 ml | 5 ml |
|--------|----------|----------|
| Red | 60011173 | 60019321 |
| Blue | 60011174 | 60019322 |
| Yellow | 60011175 | 60019323 |
| White | 60011176 | 60019324 |

CanalPro™ Slotted-End Tips



- Ideal for irrigation of sinus tract
- Slotted and side-vented
- 25 mm length

Slotted-End Tips 100 / bag

| | | |
|--------|---------------|----------|
| grey | 27 ga; 0,4 mm | 60011167 |
| yellow | 30 ga; 0,3 mm | 60011168 |

CanalPro™ Side-Port Tips



- Closed end for side port delivery
- 25 mm length

Side-Port Tips 100 / bag

| | | |
|--------|---------------|----------|
| grey | 27 ga; 0,4 mm | 60011169 |
| yellow | 30 ga; 0,3 mm | 60011170 |

Endodontics

Drying

Medicamentation



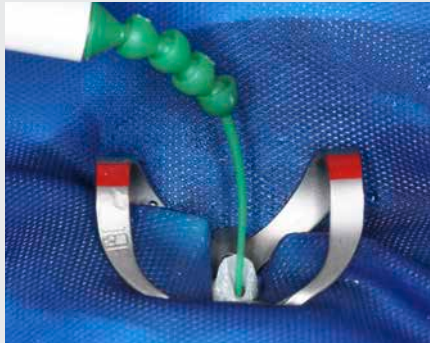
Step 8 Drying



Following instrumentation and irrigation, the root canal system must be dried prior to placement of either the obturation material or an inter-appointment medicament. The presence of residual irrigation solutions or fluid from the periapical tissues in the root canal system may prevent establishment of an adequate seal.



Surgitip-endo dries fast



Surgitip-endo visibility



Paper Points

Paper Points inserted into the canals to working length are traditionally used to dry the canals and are available in various sizes. Larger, thicker points can be used initially to absorb a majority of the fluid from the coronal and middle thirds of the canals. Points with smaller tips and less taper can then be used to finish the drying process. Complete drying of the canals can be verified when Paper Points are inserted into the canals to working length and no moisture appears on the tips of the Points.



HyFlex Paper Points

The well-established HyFlex CM and HyFlex EDM NiTi file lines include perfectly matching paper and gutta-percha points to facilitate an optimal treatment process.

- Precise fit
- Colour-coded
- Highest quality
- Machine rolled
- Glue-free
- Laser-measured



HyFlex CM Paper Points, drawer box

| HyFlex CM Files Size | HyFlex CM Paper Points, 100 pcs |
|-----------------------|------------------------------------|
| 15/.04 | 60022671 |
| 20/.04 | 60022672 |
| 25/.04 | 60022673 |
| 30/.04 | 60022674 |
| 35/.04 | 60022675 |
| 40/.04 | 60022676 |
| 45/.04 | 60022677 |
| 50/.04 | 60022678 |
| 60/.04 | 60022679 |
| Assortment 20-45 /.04 | 60022680 |
| 20/.06 | 60022682 |
| 25/.06 | 60022683 |
| 30/.06 | 60022684 |
| 35/.06 | 60022685 |
| 40/.06 | 60022686 |
| 45/.06 | 60022687 |
| Assortment 20-45 /.06 | 60022688 |

HyFlex EDM Paper Points, drawer box

| HyFlex EDM Files Size | HyFlex EDM Paper Points, 100 pcs |
|---------------------------|-------------------------------------|
| 20/05 | 60022742 |
| OneFile 25/~ | 60022743 |
| 40/.04 | 60022676 |
| 50/03 | 60022741 |
| 60/.02 | 60022740 |
| Assortment 20/05 - 60/.02 | 60022744 |



Step 8 Drying

ROEKO Paper Points

- Sterile
- Highly absorbent
- No adhesives
- Firm yet flexible for easy application
- Length: ISO and conventional ≥ 25 mm
- Assorted or individual sizes

ROEKO Paper Points Top color



- White tip, end colored
- Prevents mixing up of sizes
- Monitors the cleaning and drying of the root canal

| (ISO)-Drawer box | | | |
|------------------|---------|----------------|---------|
| Size | 200 pcs | Size | 500 pcs |
| Assorted 15–40 | 344596 | Assorted 15–40 | 344696 |
| 15 | 344515 | 15 | 344615 |
| 20 | 344520 | 20 | 344620 |
| 25 | 344525 | 25 | 344625 |
| 30 | 344530 | 30 | 344630 |
| 35 | 344535 | 35 | 344635 |
| 40 | 344540 | 40 | 344640 |
| Size | 120 pcs | Size | 300 pcs |
| Assorted 45–80 | 344597 | Assorted 45–80 | 344697 |
| 45 | 344545 | 45 | 344645 |
| 50 | 344550 | 50 | 344650 |
| 55 | 344555 | 55 | 344655 |
| 60 | 344560 | 60 | 344660 |
| 70 | 344570 | 70 | 344670 |
| 80 | 344580 | 80 | 344680 |
| Assorted 90–140 | 344598 | | |
| 90 | 344590 | | |
| 100 | 344591 | | |
| 110 | 344592 | | |
| 120 | 344593 | | |
| 130 | 344594 | | |
| 140 | 344595 | | |

**(ISO)-Cellpack**

| Size | 180 pcs | Size | 180 pcs |
|----------------|---------|----------------|---------|
| Assorted 15–40 | 344896 | Assorted 45–80 | 344897 |
| 15 | 344815 | 45 | 344845 |
| 20 | 344820 | 50 | 344850 |
| 25 | 344825 | 55 | 344855 |
| 30 | 344830 | 60 | 344860 |
| 35 | 344835 | 70 | 344870 |
| 40 | 344840 | 80 | 344880 |

ROEKO Paper Points color

- Prevents mixing up of sizes
- Color becomes deeper, when in contact with moisture
- Will turn white, when in contact with sodium hypochlorite or hydrogen peroxide

(ISO)-Drawer box

| Size | 200 pcs | Size | 500 pcs |
|-----------------|---------|----------------|---------|
| Assorted 15–40 | 340201 | Assorted 15–40 | 341596 |
| 15 | 340215 | 15 | 341515 |
| 20 | 340220 | 20 | 341520 |
| 25 | 340225 | 25 | 341525 |
| 30 | 340230 | 30 | 341530 |
| 35 | 340235 | 35 | 341535 |
| 40 | 340240 | 40 | 341540 |
| Size | 120 pcs | Size | 300 pcs |
| Assorted 45–80 | 340202 | Assorted 45–80 | 341597 |
| 45 | 340245 | 45 | 341545 |
| 50 | 340250 | 50 | 341550 |
| 55 | 340255 | 55 | 341555 |
| 60 | 340260 | 60 | 341560 |
| 70 | 340270 | 70 | 341570 |
| 80 | 340280 | 80 | 341580 |
| Assorted 90–140 | 340204 | | |
| 90 | 340290 | | |
| 100 | 340210 | | |
| 110 | 340211 | | |
| 120 | 340212 | | |
| 130 | 340213 | | |
| 140 | 340214 | | |



Step 8 Drying

ROEKO Paper Points white



- White points
- Monitors the cleaning and drying of the root canal
- Assorted or individual sizes

| (ISO)-Drawer box | | | |
|------------------|---------|----------------|---------|
| Size | 200 pcs | Size | 500 pcs |
| Assorted 15–40 | 340154 | Assorted 15–40 | 341154 |
| 15 | 340015 | 15 | 341015 |
| 20 | 340020 | 20 | 341020 |
| 25 | 340025 | 25 | 341025 |
| 30 | 340030 | 30 | 341030 |
| 35 | 340035 | 35 | 341035 |
| 40 | 340040 | 40 | 341040 |
| Size | 120 pcs | Size | 300 pcs |
| Assorted 45–80 | 340458 | Assorted 45–80 | 341458 |
| 45 | 340045 | 45 | 341045 |
| 50 | 340050 | 50 | 341050 |
| 55 | 340055 | 55 | 341055 |
| 60 | 340060 | 60 | 341060 |
| 70 | 340070 | 70 | 341070 |
| 80 | 340080 | 80 | 341080 |
| Assorted 90–140 | 340914 | | |
| 90 | 340090 | | |
| 100 | 340100 | | |
| 110 | 340110 | | |
| 120 | 340120 | | |
| 130 | 340130 | | |
| 140 | 340140 | | |

ROEKO Paper Points conventional



- White points
- More tapered than ISO points, ideal for more conically-shaped root canals
- Assorted or individual sizes

| Drawer box | | | Cellpack | |
|-----------------|---------|---------|-----------------|---------|
| Size | 200 pcs | 500 pcs | Size | 180 pcs |
| Assorted XXF-XL | 342000 | 343000 | Assorted XXF-XL | 346000 |
| XXF | 342001 | 343001 | XXF | 346001 |
| XF | 342002 | 343002 | XF | 346002 |
| F | 342003 | 343003 | F | 346003 |
| Size | 120 pcs | 300 pcs | M | 346004 |
| M | 342004 | 343004 | L | 346005 |
| L | 342005 | 343005 | XL | 346006 |
| XL | 342006 | 343006 | | |



ROEKO Paper Points Greater Taper

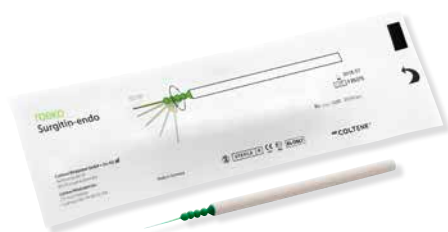


- Length ≥ 28 mm
- Top Color coded
- The diameter of the tip corresponds to the ISO sizes
- Assorted or individual sizes
- Ideal for drying root canals which have been prepared with HyFlex CM files, GT Files, HERO, ProFile, Quantec etc.
- Available with a taper of 4 % or 6 %

| Drawer box 100 pcs | | |
|-----------------------|----------|----------|
| | 0.04 | 0.06 |
| 15 | 60019011 | |
| 20 | 60019012 | 60019030 |
| 25 | 60019013 | 60019031 |
| 30 | 60019014 | 60019032 |
| 35 | 60019015 | 60019033 |
| 40 | 60019016 | 60019034 |
| 45 | 60019017 | 60019035 |
| 50 | 60019018 | |
| 60 | 60019019 | |
| 20-45 | 60019020 | 60019036 |

| Cellpack 144 pcs | | |
|---------------------|----------|----------|
| | 0.04 | 0.06 |
| 15 | 60019037 | |
| 20 | 60019038 | 60019047 |
| 25 | 60019039 | 60019048 |
| 30 | 60019040 | 60019049 |
| 35 | 60019041 | 60019050 |
| 40 | 60019042 | 60019051 |
| 45 | 60019043 | 60019052 |
| 50 | 60019044 | |
| 60 | 60019045 | |
| 20-45 | 60019046 | 60019053 |

ROEKO Surgitip-endo



- Endodontic aspirator tip for the root canal
- Specially designed tip for multi-directional flexibility
- Effective aspiration and good canal accessibility
- Canal Tip ISO 60, inner diameter 0.35 mm
- Manufactured in clean room to EN ISO 14644

Surgitip-endo

20 pcs + 1 Double Adapter

60018280



ROEKO Surgitip-micro



- Microsurgical aspirator tip
- Sterile, ready for use in peel packs
- Specially designed for use with microscope or loupe
- Green conical tip provides excellent contrast and unblocked field of vision

Surgitip-micro 1,2 mm tip opening

| | |
|----------------------------|--------|
| 20 pcs + 1 Double Adapter | 462012 |
| 100 pcs + 5 Double Adapter | 462013 |

ROEKO Adapter and Double Adapter



- Reliable aspiration independent of the used aspirating equipment
- For connecting Surgitip cannulas to 11 and 16 mm aspirating equipment
- Autoclavable and chemiclavable up to 134 °C

Adapter and Double Adapter

| | | |
|---|------|--------|
| Double Adapter $\varnothing 6.5 > \varnothing 11 > \varnothing 16$ mm | 1 pc | 463000 |
| Adapter $\varnothing 11 > \varnothing 16$ mm | 1 pc | 463011 |
| Adapter $\varnothing 6.5 > \varnothing 11$ mm | 1 pc | 463025 |



Microorganisms associated with endodontic infections may persist within the root canal system following chemomechanical debridement due to the microorganisms being resistant to endodontic irrigants and/or inaccessible to endodontic files. Placement of a medicament that can diffuse into irregularities of the root canal system and further disinfect the root canal space may increase the success of root canal treatment.

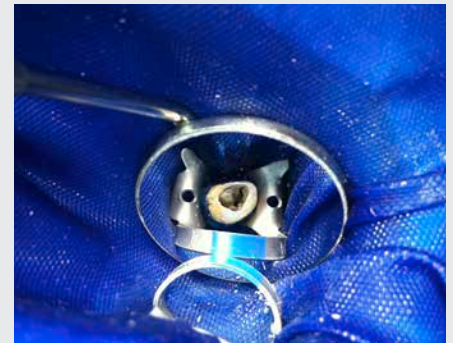
The most commonly used interappointment medicament is calcium hydroxide. One benefit of calcium hydroxide is that it can neutralize endotoxin. It is recommended that calcium hydroxide be left in a tooth for one week to one month to ensure disinfection and resolution of symptoms. In cases with a persistent periapical lesion or when symptoms do not resolve after placement of a standard calcium hydroxide product, use of calcium hydroxide mixed with chlorhexidine or iodine may be indicated.



Insertion of Points



Length is Adjusted



Working Field View of Points Placed

In order for an interappointment medicament to be effective, it must extend the full length of the canal. Following placement of calcium hydroxide, therefore, the clinician should take a radiograph to verify that the medicament has been delivered to working length. The placement of points is a reliable way to insure coverage of the complete root canal.



ROEKO Calcium Hydroxide PLUS Points



- Excellent alternative to calcium hydroxide pastes
- Easy to use, practical and effective
- Ensure that Ca(OH)_2 is applied to working length
- Clean (no smearing around the access cavity during insertion)
- Time-saving – the points are ready to use
- No mixing, easy to apply and to remove
- Greater release of Ca(OH)_2 , more effective over longer period
- Safe
- Assorted or individual sizes

(ISO)-Drawer box length ≥ 28 mm

| Size | 60 pcs | Size | 60 pcs |
|----------------|--------|----------------|--------|
| Assorted 15–40 | 366896 | Assorted 45–80 | 366897 |
| 15 | 366815 | 45 | 366845 |
| 20 | 366820 | 50 | 366850 |
| 25 | 366825 | 55 | 366855 |
| 30 | 366830 | 60 | 366860 |
| 35 | 366835 | 70 | 366870 |
| 40 | 366840 | 80 | 366880 |

ROEKO activ point Chlorhexidine Points



- For temporary root canal filling and prevention of reinfection
- Gutta-percha matrix with 5% chlorhexidine diacetate
- Easy to apply and easy to remove
- Radiopaque
- Chlorhexidine is known to be highly effective against bacteria and many other organisms, yeasts and fungi, even in low concentrations
- Provides a means for applying chlorhexidine directly into the root canal
- Assorted or individual sizes

(ISO)-Drawer box length ≥ 28 mm

| Size | 60 pcs | Size | 60 pcs |
|----------------|--------|----------------|--------|
| Assorted 15–40 | 367296 | Assorted 45–80 | 367297 |
| 15 | 367215 | 45 | 367245 |
| 20 | 367220 | 50 | 367250 |
| 25 | 367225 | 55 | 367255 |
| 30 | 367230 | 60 | 367260 |
| 35 | 367235 | 70 | 367270 |
| 40 | 367240 | 80 | 367280 |

Temporary
restoration

Endodontics

Obturation



Step 10 Temporary restoration



A temporary restoration is placed to seal the root canal system coronally following completion of root canal therapy when the definitive restoration cannot be placed immediately or between treatment appointments when multiple visits will be required. In order to adequately seal the root canal system and prevent contamination from oral fluids, the temporary restoration should be placed to a thickness of at least 4–5 mm.

Because a temporary restoration will be subjected to masticatory forces, the ideal material should maintain its structural integrity when exposed to normal chewing forces. In addition, the material should have a smooth texture so as not to irritate the tongue or cheek.



Placing DuoTEMP



Condensing DuoTEMP



Final temporary restoration

In cases when a resin material will be placed as the definitive restoration, the clinician should use caution when choosing a temporary restorative material. Materials that contain eugenol can affect the bond of resin and therefore should not be used when a composite will be used to definitively restore the tooth.



Coltosol® F



- Temporary filling material
- No light curing needed
- Sets with saliva for perfect marginal seal
- Eugenol-free, so it won't affect final cementation
- Radiopaque
- Creamy consistency for easy adaptation in the cavity
- No mixing and waste of material
- Easy removal in large portions
- Ideal surface hardness for posterior provisional fillings

Coltosol F

| | | |
|-------------|----------|------|
| Single Pack | | 5906 |
| In jar | 38 g | |
| Eco Pack | | 5911 |
| In jar | 3 × 38 g | |
| Syringes | 5 × 8 g | 5930 |

DuoTEMP®



- Dual-cured temporary filling material, eugenol-free and radiopaque for temporary fillings.

DuoTEMP

| | | |
|----------|---------|------|
| Syringe | 5 g | 5831 |
| Syringes | 5 × 5 g | 7090 |



Obturation of the root canal system can be completed once debridement and disinfection have been performed. The goal of obturation is to fill the canal space in three dimensions and provide a coronal, lateral, and apical seal. Cold-filling systems provide better adaptation to the complexity of the root canal.

Gutta-percha is the most widely-used obturation material. It has the benefits of being biocompatible, radiopaque and easy to manipulate. Various obturation techniques with gutta-percha are currently practiced including, warm vertical compaction and lateral compaction. Since many root canal systems are quite complex, use of a cold filling system minimize the risk of voids due to shrinkage.



Finished Prepared Canals



Canals with Master Gutta-Percha Points

If the definitive restoration is not placed as soon as possible following obturation of the root canal system, there is a risk for coronal leakage despite sealing the endodontic access with a temporary restorative material. A 1 mm – to 2 mm – thick layer of flowable composite or glass ionomer placed over the canal orifices and into the pulp chamber can establish a coronal seal to minimize the risk for leakage.



roeko GuttaFlow[®]

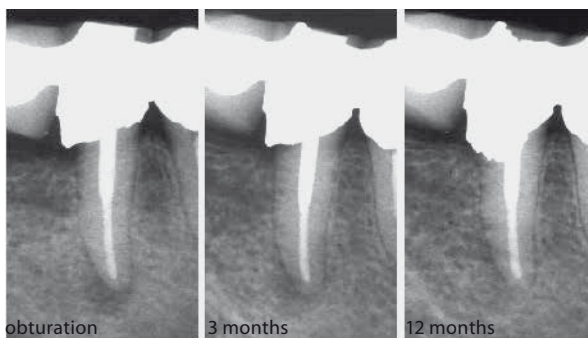
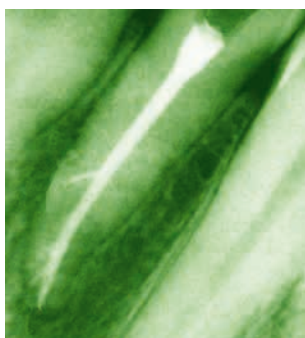




**** Only available until 31.12.2019!**

RoekoSeal – Making Progress in Endodontics

RoekoSeal is an exceptional root canal sealer. Its chemical and physical properties fulfill all the requirements of a root canal sealer. RoekoSeal combines exceptional material properties such as excellent flowability, no shrinkage and biocompatibility with practical handling. There is no risk of incorrect mixing. RoekoSeal provides an excellent seal and sets new standards in quality and biocompatibility in endodontics. RoekoSeal flows so well that the root canal and lateral canals are filled effectively. Cell tests, tests for mutagenic effects and sensibilization tests all showed negative results.



RoekoSeal Automix/Single Dose

Working time: up to 30 min.

Curing time: 45 – 50 min.

Clinical Tests

The results of the clinical study demonstrate clearly that the periapical periodontitis has healed well and show the clinical success of RoekoSeal.

The study was published in Journal of Endodontics, 2003 Apr; 36(4): 296-301

RoekoSeal Automix**

- Ready-to-use
- Dispenses just the quantity required
- Homogeneously and hygienically mixed and free of air bubbles

- Easy to use

Automix

Set

Dual-barrel syringe 1 pc; Mixing tips 12 pcs; Mixing pad, 1 pc

349100

Refill pack

Mixing tips, 24 pcs

349105

Refill pack

Dual-barrel syringe, 1 pc

349102

RoekoSeal Single Dose**



- Individual portions
- Hygienic
- Easy to use

- Perfect for pre-appointment set-up
- Sufficient material to treat one multi-rooted tooth

Single Dose

Blister packs 40 pcs; Mixing pad, 1 pc; Spatula, 1 pc

349103



GuttaFlow® 2 – Expansion meets Adhesion. The new GuttaFlow® - generation

GuttaFlow 2 is a novel filling system for root canals that combines two products in one: gutta-percha in powder form with a particle size of less than 30 µm, and sealer. This new filling system works with cold free-flow gutta-percha.

GuttaFlow 2 is an advancement of the existing GuttaFlow material in capsules and has the same excellent material properties:

- Two in One – combines sealer and gutta-percha
- Excellent flow properties
- Solubility is virtually zero
- Tight seal of the root canal
- Biocompatible
- Optimum protection against re-infection
- Excellent radiopacity
- Allows for precise post preparation

GuttaFlow 2 shows a slight expansion and adheres very well to the master Guttapercha Point as well as to dentin. No condensation is necessary.

New application form: GuttaFlow 2 is available in a 5 ml automix syringe:

- Syringe guarantees easy handling, dispenses just the quantity required and mixes the material homogeneously, hygienically and free of air bubbles
- Working time: 10 - 15 min.
- Curing time: 25 - 30 min.
- The use of any additional sealer is not required



Working time: 10-15 min.
Curing time: 25-30 min.

GuttaFlow® 2



Working time: 10-15 min.
Curing time: 25-30 min.



ROEKO GuttaFlow® 2



Syringe - GuttaFlow 2

| | | |
|---|--------|----------|
| ROEKO GuttaFlow® 2 Standard Set | | 60013701 |
| Dual-barrel syringe (5 ml) | 1 pc | |
| Mixing tips | 12 pcs | |
| Mixing pad | 1 pc | |
| GuttaFlow 2 Refill pack dual-barrel syringe | | 60013745 |
| Dual-barrel syringe (5 ml) | 1 pc | |
| GuttaFlow 2 Refill pack mixing tips | | 60013719 |
| Mixing tips | 24 pcs | |

Capsules - GuttaFlow 2 Introkit

| | | |
|---|---------|----------|
| GuttaFlow 2 Introkit | | 60013702 |
| Capsules GuttaFlow 2 | 20 pcs | |
| Canal Tips + Stops | 20 pcs | |
| Adapters for RotoMix™* | 3 pcs | |
| Dispenser | 1 pc | |
| Guttapercha points Top Color ISO 15-40 | 100 pcs | |
| Guttapercha points Greater Taper 0.04 20-45 | 60 pcs | |



Refill packs capsules and accessories

| | | |
|------------------------|--------|----------|
| Capsules GuttaFlow 2 | 20 pcs | 60013704 |
| Canal Tips + Stops | 20 pcs | |
| GuttaFlow 2 Dispenser | 1 pc | 60013707 |
| Canal Tips + Stops | 20 pcs | 349132 |
| Combi Tips + Stops | 20 pcs | 349134 |
| Adapters for RotoMix™* | 3 pcs | 349133 |

* RotoMix™ ist not a trademark of Coltène/Whaledent



GuttaFlow® bioseal – Bioactive obturation material. The brand new GuttaFlow® generation.

Not just for filling, also for healing. GuttaFlow® bioseal actively supports regeneration in the root canal.

With GuttaFlow bioseal, COLTENE is launching an intelligent obturation material onto the market that can do more than seal and fill the root canal. Upon contact with fluids, the bioactive material provides natural repair constituents such as calcium and silicates. It also activates biochemical processes that provide additional support for regeneration in the root canal. The idea is remarkably simple: after curing, the new GuttaFlow bioseal forms hydroxylapatite crystals on the surface. The crystals significantly improve adhesion and also stimulate natural triggers, especially the regeneration of bone and dentine tissue. Using this catalytic effect helps both ENDO experts and novices create long-lasting solutions for their patients, thus constituting a further breakthrough on the way to optimum endodontic treatment.

To date only dental materials such as MTA or bioglass have exhibited similar regenerative and supportive properties. However, the major disadvantages of these materials involved the long curing time and complicated handling. As with the proven GuttaFlow 2 system, GuttaFlow bioseal also combines free-flow gutta-percha with an appropriate sealer at room temperature.



Working time: 5 min.
Curing time: 12 - 16 min.



Step 1 (direct protection)

Protection already at filling, eg. with bioactivity due to possible residual moisture in the root canal



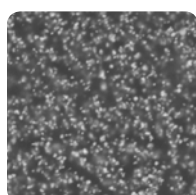
Step2 (sleeping protection)

Regenerative protection against possible moisture ingress, eg. by cracks



GuttaFlow® 2

3.5 × magnification of the surface of GuttaFlow 2

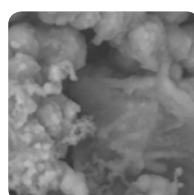


2500 × magnification of the surface of GuttaFlow 2 under a scanning electron microscope.



GuttaFlow® bioseal

3.5 × magnification of the surface of GuttaFlow bioseal. Recognisable formation of hydroxylapatite crystals.



2500 × magnification of the hydroxylapatite crystals on the surface of GuttaFlow bioseal under a scanning electron microscope.

Source: Internal Tests

ROEKO GuttaFlow® bioseal



GuttaFlow bioseal Standard Set

| | | |
|----------------------------|--------|----------|
| Standard Set | | 60019560 |
| Dual-barrel syringe (5 ml) | 1 pc | |
| Mixing tips | 12 pcs | |
| Mixing pad | 1 pc | |

GuttaFlow bioseal Refill packs applicator

| | | |
|----------------------------|------|----------|
| Dual-barrel syringe (5 ml) | 1 pc | 60019561 |
|----------------------------|------|----------|

GuttaFlow bioseal Refill packs Mixing tips

| | | |
|-------------|--------|----------|
| Mixing tips | 24 pcs | 60019562 |
|-------------|--------|----------|



HyFlex™ Paper and Guttapercha Points





HyFlex Guttapercha Points

The well-established HyFlex CM and HyFlex EDM NiTi file lines include perfectly matching paper and guttapercha points to facilitate an optimal treatment process.

- Precise fit
- Colour-coded
- Highest quality
- latex-free
- laser-measured
- produced fully automatically



HyFlex CM Guttapercha Points, drawer box

| HyFlex CM Files Size | HyFlex CM Guttapercha Points, 60 pcs |
|----------------------|--------------------------------------|
| 15/.04 | - |
| 20/.04 | 60022689 |
| 25/.04 | 60022690 |
| 30/.04 | 60022691 |
| 35/.04 | 60022692 |
| 40/.04 | 60022693 |
| 45/.04 | 60022694 |
| 50/.04 | 60022695 |
| 60/.04 | 60022696 |
| Assorted 20-45 /.04 | 60022703 |
| 20/.06 | 60022697 |
| 25/.06 | 60022698 |
| 30/.06 | 60022699 |
| 35/.06 | 60022700 |
| 40/.06 | 60022701 |
| 45/.06 | 60022702 |
| Assorted 20-45 /.06 | 60022704 |

HyFlex EDM Guttapercha Points, drawer box

| HyFlex EDM Files Size | HyFlex EDM Guttapercha Points, 60 pcs |
|--------------------------|---------------------------------------|
| 20/.05 | 60022706 |
| OneFile 25/~ | 60022707 |
| 40/.04 | 60022708 |
| 50/.03 | 60022709 |
| 60/.02 | 60022710 |
| Assorted 20/.05 - 60/.02 | 60022705 |



ROEKO Guttapercha Points Top color



- Pink tip, end colored
- Prevents mixing up of sizes

- Assorted or individual sizes

| (ISO)-Drawer box length: ≥ 28 mm | |
|---------------------------------------|---------|
| Size | 100 pcs |
| Assorted 15–40 | 365196 |
| 15 | 365115 |
| 20 | 365120 |
| 25 | 365125 |
| 30 | 365130 |
| 35 | 365135 |
| 40 | 365140 |
| Assorted 45–80 | 365197 |
| 45 | 365145 |
| 50 | 365150 |
| 55 | 365155 |
| 60 | 365160 |
| 70 | 365170 |
| 80 | 365180 |
| Assorted 90–140 | 365198 |
| 90 | 365190 |
| 100 | 365191 |
| 110 | 365192 |
| 120 | 365193 |
| 130 | 365194 |
| 140 | 365195 |

| (ISO)-6 Tubes length: ≥ 28 mm | |
|------------------------------------|---------|
| Size | 100 pcs |
| Assorted 15–40 | 365396 |
| 15 | 365315 |
| 20 | 365320 |
| 25 | 365325 |
| 30 | 365330 |
| 35 | 365335 |
| 40 | 365340 |
| Assorted 45–80 | 365397 |
| 45 | 365345 |
| 50 | 365350 |
| 55 | 365355 |
| 60 | 365360 |
| 70 | 365370 |
| 80 | 365380 |

ROEKO Guttapercha Points color



- Color coded
- Prevents mixing up of sizes
- Assorted or individual sizes

| (ISO)-Drawer box length: ≥ 28 mm | | | |
|----------------------------------|---------|----------------|---------|
| Size | 100 pcs | Size | 100 pcs |
| Assorted 15–40 | 362154 | Assorted 45–80 | 362458 |
| 15 | 362015 | 45 | 362045 |
| 20 | 362020 | 50 | 362050 |
| 25 | 362025 | 55 | 362055 |
| 30 | 362030 | 60 | 362060 |
| 35 | 362035 | 70 | 362070 |
| 40 | 362040 | 80 | 362080 |

ROEKO Guttapercha Points



| (ISO)-Drawer box length: ≥ 28 mm | | (ISO)-6 Tubes length: ≥ 28 mm | |
|----------------------------------|---------|-------------------------------|---------|
| Size | 100 pcs | Size | 100 pcs |
| Assorted 15–40 | 360154 | Assorted 15–40 | 361154 |
| 15 | 360015 | 15 | 361015 |
| 20 | 360020 | 20 | 361020 |
| 25 | 360025 | 25 | 361025 |
| 30 | 360030 | 30 | 361030 |
| 35 | 360035 | 35 | 361035 |
| 40 | 360040 | 40 | 361040 |
| Assorted 45–80 | 360458 | Assorted 45–80 | 361458 |
| 45 | 360045 | 45 | 361045 |
| 50 | 360050 | 50 | 361050 |
| 55 | 360055 | 55 | 361055 |
| 60 | 360060 | 60 | 361060 |
| 70 | 360070 | 70 | 361070 |
| 80 | 360080 | 80 | 361080 |
| Assorted 90–140 | 360914 | | |
| 90 | 360090 | | |
| 100 | 360100 | | |
| 110 | 360110 | | |
| 120 | 360120 | | |
| 130 | 360130 | | |
| 140 | 360140 | | |



ROEKO Guttapercha Points conventional



- Suitable for use as accessory points for condensation techniques
- More tapered

Drawer box length: ≥ 28 mm

| Size | 100 pcs | Size | 100 pcs |
|----------------------------|---------|------|---------|
| Assorted XF-L (without FF) | 364018 | MF | 364012 |
| XF | 364010 | F | 364013 |
| FF | 364011 | FM | 364014 |
| | | M | 364015 |
| | | L | 364017 |

ROEKO Guttapercha Points Greater Taper



- Ideal for obturating root canals which have been prepared with HyFlex CM files, GT Files, HERO, ProFile, Quantec etc.
- Available with a taper of 4 % or 6 %
- Assorted or individual sizes
- The diameter at the tip corresponds to the ISO sizes

Drawer box 60 pcs, length: ≥ 28 mm

| Size | 0.04 | 0.06 | Size | 0.04 | 0.06 |
|----------------|--------|--------|------|----------|--------|
| Assorted 20–45 | 361746 | 361846 | 40 | 361740 | 361840 |
| 20 | 361720 | 361820 | 45 | 361745 | 361845 |
| 25 | 361725 | 361825 | 50 | 60019565 | |
| 30 | 361730 | 361830 | 60 | 60019566 | |
| 35 | 361735 | 361835 | | | |

ROEKO Guttapercha Points HyFlex™ EDM



Drawer box, length: ≥ 28 mm

| Size | 60 pcs |
|------------------------|----------|
| Assorted 25/~ – 60/0.2 | 60020210 |
| 20/0.5 | 60022562 |
| 25/~ | 60019568 |
| 40/0.4 | 361740 |
| 50/0.3 | 60019567 |
| 60/0.2 | 365160 |



ROEKO Spreader



- For lateral condensation
- Stainless steel
- Rings on handle indicate size to allow for easy identification

| Spreader | | |
|----------------|-------|--------|
| Size | pcs | |
| Assorted 20–50 | 4 pcs | 386000 |
| 20 | 1 pc | 386002 |
| 30 | 1 pc | 386003 |
| 40 | 1 pc | 386004 |
| 50 | 1 pc | 386005 |

ROEKO Plugger



- For vertical condensation
- Stainless steel
- Millimetres length gradation on tips
- Rings on handle indicate size to allow for easy identification

| Plugger | | |
|---------------------|-------|--------|
| Size | pcs | |
| Assorted 0.6–1.2 mm | 4 pcs | 386100 |
| 0.6 mm | 1 pc | 386106 |
| 0.8 mm | 1 pc | 386108 |
| 1.0 mm | 1 pc | 386110 |
| 1.2 mm | 1 pc | 386112 |

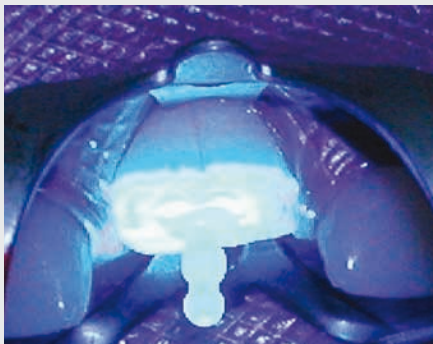
Endodontics

Definite restoration



Placement of a definitive restoration that seals the tooth coronally is critical for the long-term success of root canal treatment. Lack of a fluid-tight seal will result in bacterial contamination of the obturated root canal system and ultimate failure of the case. In addition to sealing the tooth coronally, the definitive restoration should reinforce the remaining tooth structure to prevent fracture and replace lost tooth structure to return the tooth to full function.

As a general rule, endodontically-treated posterior teeth should be restored with a core restoration and crown. When a significant amount of coronal tooth structure has been lost, a post that extends approximately two-thirds the length of the root may be indicated to provide retention for the core restoration. Posts serve the sole function of providing retention for the core material.



ParaPost FiberLux is seated in post space and cement is light-cured (if using a light-curing cement).



Core build-up using ParaCore and ParaForm Core former.



Final post and core build-up.

The choice of post material is often based on functional and esthetic demands of the tooth being restored in addition to the amount of remaining tooth structure and clinician preference.

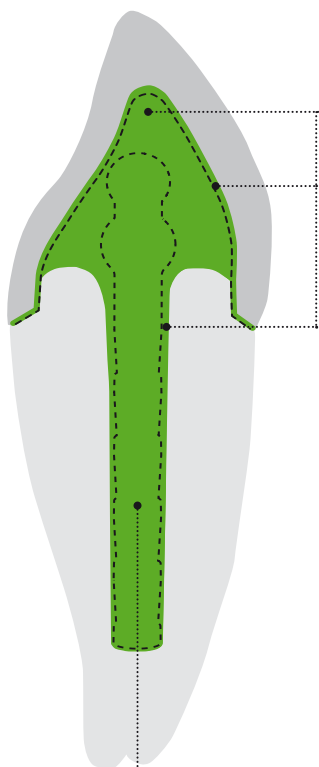


ParaPost®





One complete system for the direct and indirect technique using active and passive root canal posts



ParaCore® 5 ml

One material for 3 indications.

Dual cure composite cement for cementation and core build ups.

ParaCore 5 ml is approved for the following 3 key indications:

- crown & bridge cementation
- core build ups
- post cementation

Use of one material for cementation and core build ups provides an optimal "monoblock bond interface" between the post-cement-dentin-crown, resulting in a cohesive restoration with outstanding durability and strength.

ParaPost®XT™ Threaded, Titanium Alloy Post

Threaded, parallel-sided post with rounded, undercut head for direct post/core build-ups in one appointment. Ideal for glass-ionomer/composite core build-ups which require more retention and more safety.

ParaPost®XH™ Passive, Titanium Alloy Post

Passive cemented, parallel-sided post with rounded, undercut head for direct post/core build-ups in one appointment. Ideal for glass-ionomer/composite core build-ups which require the safety of a passive post.

ParaPost® Fiber White/Fiber Lux/Taper Lux

ParaPost® Fiber White, Fiber Lux and Taper Lux are great alternatives to metal posts for esthetic, metal-free restorations.

ParaPost®XP™ Passive, Titanium Alloy or Stainless Steel Post

Passive cemented, parallel-sided post with flat head for direct post/core build-ups in one appointment. Ideal for multi-rooted post/core build-ups.

ParaPost®XP™ Casting Components

Passive cemented, parallel-sided, prefabricated casting components for the direct/indirect casting technique. Ideal for clinical situations requiring the additional strength of a precision, one-piece cast post/core and choice of alloy.

Active



Passive



Passive



Passive



Passive





ParaPost® X™ System

- A complete family of posts for any clinical situation
- State-of-the-art universal endodontic post system for all direct and casting techniques.
- Standardized system with seven sizes including two intermediate sizes
- Non-end cutting, depth-calibrated drills for precise canal preparation
- Diamond pattern design, multiple venting channels

ParaPost® XT™



- Titanium alloy post
- Threaded, parallel-sided post with rounded, undercut head for direct post/core restoration in one appointment
- Ideal for glass-ionomer/composite core restorations which require more retention and more safety
- Active

Introductory Kit

One-Office-Visit Technique; Titanium Alloy Posts

P680T

| Size | | | | pcs |
|-----------------------------------|-----------|--------|--|-------|
| 3 | ø 0.90 mm | Brown | | 3 pcs |
| 4 | ø 1.00 mm | Yellow | | 5 pcs |
| 4.5 | ø 1.14 mm | Blue | | 5 pcs |
| 5 | ø 1.25 mm | Red | | 5 pcs |
| 5.5 | ø 1.40 mm | Purple | | 4 pcs |
| 6 | ø 1.50 mm | Black | | 3 pcs |
| ParaPost XT Drills | | | | 6 pcs |
| Universal Hand Driver | | | | 1 pc |
| Metal Wrench A for size 3, 4, 4.5 | | | | 1 pc |
| Metal Wrench B for size 5, 5.5, 6 | | | | 1 pc |

Metal Wrenches

| | | |
|------------------------------|-------|------|
| Wrench A for sizes 3, 4, 4.5 | 1 pc | L594 |
| Wrench B for sizes 5, 5.5, 6 | 1 pc | L595 |
| Wrench A+B | 2 pcs | L596 |

Universal Hand Driver

| | |
|------|------|
| 1 pc | L590 |
|------|------|



Titanium Alloy Posts Refill

| Size | | | | 10 pcs | 25 pcs |
|------|-----------|--------|--|--------|--------|
| 3 | ø 0.90 mm | Brown | | P6830 | P6830B |
| 4 | ø 1.00 mm | Yellow | | P6840 | P6840B |
| 4.5 | ø 1.14 mm | Blue | | P6845 | P6845B |
| 5 | ø 1.25 mm | Red | | P6850 | P6850B |
| 5.5 | ø 1.40 mm | Purple | | P6855 | P6855B |
| 6 | ø 1.50 mm | Black | | P6860 | P6860B |



Step 12 Definite restoration

| Drills Refill three-fluted | | | |
|---------------------------------|-----------|--------|-------|
| Size | | | 3 pcs |
| 3 | ø 0.90 mm | Brown | P6230 |
| 4 | ø 1.00 mm | Yellow | P6240 |
| 4.5 | ø 1.14 mm | Blue | P6245 |
| 5 | ø 1.25 mm | Red | P6250 |
| 5.5 | ø 1.40 mm | Purple | P6255 |
| 6 | ø 1.50 mm | Black | P6260 |
| Assorted 3–6 (one of each size) | | | P682A |

ParaPost® XH™



- Titanium alloy post
- Passive cemented, parallel-sided post with rounded, undercut head for direct post/core build-ups in one appointment
- Ideal for glass ionomer/composite core build-ups which require the safety of a passive post

| Introductory Kit | | | |
|--|-----------|--------|-------|
| One-Office-Visit Technique; Titanium Alloy Posts | | | P880 |
| Size | | | pcs |
| 3 | ø 0.90 mm | Brown | 4 pcs |
| 4 | ø 1.00 mm | Yellow | 5 pcs |
| 4.5 | ø 1.14 mm | Blue | 5 pcs |
| 5 | ø 1.25 mm | Red | 5 pcs |
| 5.5 | ø 1.40 mm | Purple | 2 pcs |
| 6 | ø 1.50 mm | Black | 2 pcs |
| 7 | ø 1.75 mm | Green | 2 pcs |
| ParaPost X Drills (one of each size) | | | 7 pcs |
| Universal Hand Driver | | | 1 pc |

| Titanium Alloy Posts Refill | | | |
|-----------------------------|-----------|--------|--------|
| Size | | | 10 pcs |
| 3 | ø 0.90 mm | Brown | P883 |
| 4 | ø 1.00 mm | Yellow | P884 |
| 4.5 | ø 1.14 mm | Blue | P884.5 |
| 5 | ø 1.25 mm | Red | P885 |
| 5.5 | ø 1.40 mm | Purple | P885.5 |
| 6 | ø 1.50 mm | Black | P886 |
| 7 | ø 1.75 mm | Green | P887 |



ParaPost® XP™



- Titanium Alloy or Stainless Steel Posts
- Ideal for multi-rooted core restorations
- Passive cemented, parallel-sided post with flat head for direct post/core build-ups in one appointment

System Introductory Kit

| One-Office-Visit Technique; Stainless Steel Posts | | | P780 |
|---|-----------|--------|-------|
| One-Appointment Technique; Titanium Alloy Posts | | | P780T |
| Size | pcs | | |
| 3 | ø 0.90 mm | Brown | 4 pcs |
| 4 | ø 1.00 mm | Yellow | 5 pcs |
| 4.5 | ø 1.14 mm | Blue | 5 pcs |
| 5 | ø 1.25 mm | Red | 5 pcs |
| 5.5 | ø 1.40 mm | Purple | 2 pcs |
| 6 | ø 1.50 mm | Black | 2 pcs |
| 7 | ø 1.75 mm | Green | 2 pcs |
| ParaPost X Drills (one of each size) | | | 7 pcs |
| Universal Hand Driver | | | 1 pc |



Stainless Steel Posts Refill

| Size | | | 10 pcs | 25 pcs |
|------|-----------|--------|---------|----------|
| 3 | ø 0.90 mm | Brown | P7443 | P7443B |
| 4 | ø 1.00 mm | Yellow | P7444 | P7444B |
| 4.5 | ø 1.14 mm | Blue | P7444.5 | - |
| 5 | ø 1.25 mm | Red | P7445 | P7445B |
| 5.5 | ø 1.40 mm | Purple | P7445.5 | P7445.5B |
| 6 | ø 1.50 mm | Black | P7446 | - |
| 7 | ø 1.75 mm | Green | P7447 | - |

Titanium Alloy Posts Refill

| Size | 10 pcs | | |
|------|-----------|--------|---------|
| 3 | ø 0.90 mm | Brown | P7843 |
| 4 | ø 1.00 mm | Yellow | P7844 |
| 4.5 | ø 1.14 mm | Blue | P7844.5 |
| 5 | ø 1.25 mm | Red | P7845 |
| 5.5 | ø 1.40 mm | Purple | P7845.5 |
| 6 | ø 1.50 mm | Black | P7846 |



ParaPost® XP™ System Introductory Kit



- Passive cemented, parallel-sided, prefabricated casting components for the direct/indirect casting technique
- Ideal for clinical situations requiring the additional strength of a precision one-piece casting post and choice of alloy.

System Introductory Kit

| | | |
|--------------------------------------|--------|------|
| Casting Technique | | P781 |
| Impression Posts (Size 3–7) | 25 pcs | |
| Temporary Posts (Size 3–7) | 25 pcs | |
| Burnout Posts (Size 3–7) | 25 pcs | |
| ParaPost X Drills (one of each size) | 7 pc | |

Plastic Impression Posts Refill

| Size | | | 20 pcs |
|------|-----------|--------|---------|
| 3 | ø 0.90 mm | Brown | P7433 |
| 4 | ø 1.00 mm | Yellow | P7434 |
| 4.5 | ø 1.14 mm | Blue | P7434.5 |
| 5 | ø 1.25 mm | Red | P7435 |
| 5.5 | ø 1.40 mm | Purple | P7435.5 |
| 6 | ø 1.50 mm | Black | P7436 |
| 7 | ø 1.75 mm | Green | P7437 |

Titanium Temporary Posts Refill

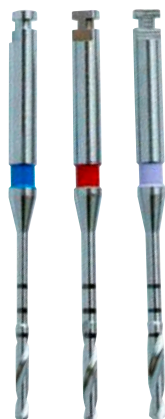
| Size | | | 20 pcs |
|------|-----------|--------|---------|
| 3 | ø 0.90 mm | Brown | P7463 |
| 4 | ø 1.00 mm | Yellow | P7464 |
| 4.5 | ø 1.14 mm | Blue | P7464.5 |
| 5 | ø 1.25 mm | Red | P7465 |
| 5.5 | ø 1.40 mm | Purple | P7465.5 |
| 6 | ø 1.50 mm | Black | P7466 |
| 7 | ø 1.75 mm | Green | P7467 |

Plastic Lab Burnout Posts Refill

| Size | | | 10 pcs | 25 pcs | 100 pcs |
|------|-----------|--------|---------|----------|----------|
| 3 | ø 0.90 mm | Brown | P7513 | P7513B | P7513E |
| 4 | ø 1.00 mm | Yellow | P7514 | P7514B | P7514E |
| 4.5 | ø 1.14 mm | Blue | P7514.5 | P7514.5B | P7514.5E |
| 5 | ø 1.25 mm | Red | P7515 | P7515B | P7515E |
| 5.5 | ø 1.40 mm | Purple | P7515.5 | P7515.5B | P7515.5E |
| 6 | ø 1.50 mm | Black | P7516 | P7516B | P7516E |
| 7 | ø 1.75 mm | Green | P7517 | P7517B | P7517E |



ParaPost® X System Drills



Drills Refill two-fluted Compatible with all ParaPost X System Posts

| Size | | | 3 pcs |
|---------------------------------|-----------|--------|--------|
| 3 | ø 0.90 mm | Brown | P423 |
| 4 | ø 1.00 mm | Yellow | P424 |
| 4.5 | ø 1.14 mm | Blue | P424.5 |
| 5 | ø 1.25 mm | Red | P425 |
| 5.5 | ø 1.40 mm | Purple | P425.5 |
| 6 | ø 1.50 mm | Black | P426 |
| 7 | ø 1.75 mm | Green | P427 |
| Assorted 3–6 (one of each size) | | 6 pcs | P42A |



ParaPost® Fiber White / Fiber Lux / Taper Lux

Great alternatives to metal posts for esthetic, metal-free restorations.

Fiber White: Chemical Bond between Fiber White and core composite material.

Fiber Lux: Translucency enables use of light-cured cements and core materials. Parallel design.

Taper Lux: Tapered design for narrow root canals. Translucent for light-cured cements and core materials.



Fiber White Introductory Kit

| | | | |
|--|-----|-----------|--------------|
| One-Office-Visit Technique | | | PF160 |
| Metal-free Posts | | | |
| Posts / Drill | 4.5 | ø 1.14 mm | 3 pcs / 1 pc |
| Posts / Drill | 5 | ø 1.25 mm | 3 pcs / 1 pc |
| Posts | 5.5 | ø 1.40 mm | 2 pcs |
| Posts / Drill | 6 | ø 1.50 mm | 2 pcs / 1 pc |
| Universal Hand Driver – compatible with ParaPost Drills (P423 to 7) | | | 1 pc |

Fiber White Refill One-Office-Visit Technique; Metal-free Posts

| Size | 5 pcs/pack | 10 pcs (pouched per item) |
|------|------------|---------------------------|
| 3 | PF1613 | 60018563 |
| 4.5 | PF1614.5 | 60018564 |
| 5 | PF1615 | 60018565 |
| 5.5 | PF1615.5 | 60018566 |
| 6 | PF1616 | 60018567 |

Fiber Lux Introductory Kit

| | | | |
|---|-----|-----------|--------------|
| One-Office-Visit Technique | | | PF170 |
| Metal-free Posts | | | |
| Posts / Drill | 3 | ø 0.90 mm | 2 pcs / 1 pc |
| Posts / Drill | 4 | ø 1.00 mm | 3 pcs / 1 pc |
| Posts / Drill | 4.5 | ø 1.14 mm | 3 pcs / 1 pc |
| Posts / Drill | 5 | ø 1.25 mm | 3 pcs / 1 pc |
| Posts / Drill | 5.5 | ø 1.40 mm | 2 pcs / 1 pc |
| Posts / Drill | 6 | ø 1.50 mm | 2 pcs / 1 pc |
| Universal Hand Driver – compatible with ParaPost® Drills (P423 to 7) | | | 1 pc |

Fiber Lux Refill One-Office-Visit Technique; Metal-free Posts

| Size | 5 pcs/pack | 10 pcs (pouched per item) |
|------|------------|---------------------------|
| 3 | PF1713 | 60018568 |
| 4 | PF1714 | 60018569 |
| 4.5 | PF1714.5 | 60018570 |
| 5 | PF1715 | 60018571 |
| 5.5 | PF1715.5 | 60018572 |
| 6 | PF1716 | 60018573 |



ParaPost® Taper Lux



Taper Lux Introductory Kit

| | | | | |
|---|-----|-----------|--------------|-------|
| One-Office-Visit Technique | | | | PF180 |
| Metal-free Posts | | | | |
| Posts / Taper Lux Drill | 4.5 | ø 1.14 mm | 5 pcs / 1 pc | |
| Posts / Taper Lux Drill | 5 | ø 1.25 mm | 5 pcs / 1 pc | |
| Posts / Taper Lux Drill | 5.5 | ø 1.40 mm | 3 pcs / 1 pc | |
| Posts / Taper Lux Drill | 6 | ø 1.50 mm | 2 pcs / 1 pc | |
| Universal Hand Driver | | | | 1 pc |
| – specially ParaPost Taper Lux Drills are required (P82A) | | | | |

Taper Lux Refill One-Office-Visit Technique; Metal-free Posts

| Size | 5 pcs/pack | 10 pcs (pouched per item) |
|------|------------|---------------------------|
| 4.5 | PF1814.5 | 60018577 |
| 5 | PF1815 | 60018578 |
| 5.5 | PF1815.5 | 60018579 |
| 6 | PF1816 | 60018580 |

TENAX®



■ Cylindro-conical, passive post system

Complete Kit

| One-Office-Visit + Casting Technique | | | | TEC1 |
|--------------------------------------|--------|--------|----------------------------|---------------|
| Universal Hand Driver | | | | 1 pc |
| Starter Drill | | | | 1 pc |
| Drills | | | Impression/Temporary Posts | |
| | | pcs | | pcs |
| ø 1.1 mm | black | 1 pc | ø 1.1 mm | black 10 pcs |
| ø 1.2 mm | grey | 1 pc | ø 1.2 mm | grey 10 pcs |
| ø 1.3 mm | yellow | 1 pc | ø 1.3 mm | yellow 10 pcs |
| ø 1.4 mm | red | 1 pc | ø 1.4 mm | red 10 pcs |
| ø 1.5 mm | blue | 1 pc | ø 1.5 mm | blue 5 pcs |
| ø 1.6 mm | green | 1 pc | ø 1.6 mm | green 5 pcs |
| Titanium Alloy Posts | | | Burn-out Posts | |
| | | pcs | | pcs |
| ø 1.1 mm | black | 10 pcs | ø 1.1 mm | black 10 pcs |
| ø 1.2 mm | grey | 10 pcs | ø 1.2 mm | grey 10 pcs |
| ø 1.3 mm | yellow | 10 pcs | ø 1.3 mm | yellow 10 pcs |
| ø 1.4 mm | red | 10 pcs | ø 1.4 mm | red 10 pcs |
| ø 1.5 mm | blue | 5 pcs | ø 1.5 mm | blue 5 pcs |
| ø 1.6 mm | green | 5 pcs | ø 1.6 mm | green 5 pcs |



TENAX® Kits



Introductory Kit

| | | |
|---|--------|------|
| One-Office-Visit and Casting Technique | | TEC2 |
| Titanium Alloy Posts* | 20 pcs | |
| Starter Drill | 1 pc | |
| Impression/Temporary Posts* | 20 pcs | |
| Universal Hand Driver | 1 pc | |
| Plastic Burn-out Posts* | 20 pcs | |
| Drills (one of each size: 1.2 mm, 1.4 mm) | 2 pcs | |
| *10 of each size 1.2, 1.4 mm | | |



Complete Kit

| One-Office-Visit + Casting Technique | | TEU1 |
|--------------------------------------|--------|--------|
| Universal Hand Driver | 1 pc | |
| Starter Drill | 1 pc | |
| Drills | | |
| | | pcs |
| ø 1.1 mm | black | 1 pc |
| ø 1.2 mm | grey | 1 pc |
| ø 1.3 mm | yellow | 1 pc |
| ø 1.4 mm | red | 1 pc |
| ø 1.5 mm | blue | 1 pc |
| ø 1.6 mm | green | 1 pc |
| Titanium Alloy Posts | | |
| | | pcs |
| ø 1.1 mm | black | 10 pcs |
| ø 1.2 mm | grey | 10 pcs |
| ø 1.3 mm | yellow | 10 pcs |
| ø 1.4 mm | red | 10 pcs |
| ø 1.5 mm | blue | 5 pcs |
| ø 1.6 mm | green | 5 pcs |



Introductory Kit

| | | |
|---|--------|------|
| One-Office-Visit Technique | | TEU2 |
| Drills (one of each size: 1.2 mm, 1.4 mm) | 2 pcs | |
| Starter Drill | 1 pc | |
| Titanium Alloy Posts* | 20 pcs | |
| Universal Hand Driver | 1 pc | |
| *10 of each size 1.2, 1.4 mm | | |



TENAX® Kits



Complete Kit

| Casting Technique | | | 1 pc | | | TET1 |
|-----------------------|--------|------|----------------------------|--------|--------|------|
| Universal Hand Driver | | | 1 pc | | | |
| Starter Drill | | | | | | |
| Drills | | pcs | Impression/Temporary Posts | | pcs | |
| ø 1.1 mm | black | 1 pc | ø 1.1 mm | black | 20 pcs | |
| ø 1.2 mm | grey | 1 pc | ø 1.2 mm | grey | 20 pcs | |
| ø 1.3 mm | yellow | 1 pc | ø 1.3 mm | yellow | 20 pcs | |
| ø 1.4 mm | red | 1 pc | ø 1.4 mm | red | 20 pcs | |
| ø 1.5 mm | blue | 1 pc | ø 1.5 mm | blue | 10 pcs | |
| ø 1.6 mm | green | 1 pc | ø 1.6 mm | green | 10 pcs | |
| | | | Burn-out Posts | | pcs | |
| | | | ø 1.1 mm | black | 20 pcs | |
| | | | ø 1.2 mm | grey | 20 pcs | |
| | | | ø 1.3 mm | yellow | 20 pcs | |
| | | | ø 1.4 mm | red | 20 pcs | |
| | | | ø 1.5 mm | blue | 10 pcs | |
| | | | ø 1.6 mm | green | 10 pcs | |

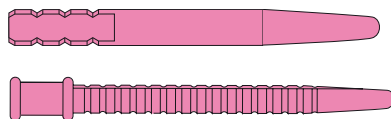


Starter Drill and Universal Hand Driver

| | | |
|-----------------------|------|-------|
| Starter Drill | 1 pc | TEDC1 |
| Universal Hand Driver | 1 pc | |

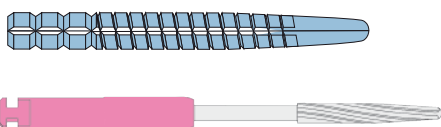


TENAX® Posts



| Impression/Temp. Posts 15 pcs | | |
|-------------------------------|--------|--------|
| ø 1.1 mm | black | TEEP11 |
| ø 1.2 mm | grey | TEEP12 |
| ø 1.3 mm | yellow | TEEP13 |
| ø 1.4 mm | red | TEEP14 |

| Plastic Burn-out Posts 30 pcs | | |
|-------------------------------|--------|-------|
| ø 1.1 mm | black | TEL11 |
| ø 1.2 mm | grey | TEL12 |
| ø 1.3 mm | yellow | TEL13 |



| Titanium Alloy Posts 15 pcs | | |
|-----------------------------|--------|-------|
| ø 1.1 mm | black | TET11 |
| ø 1.2 mm | grey | TET12 |
| ø 1.3 mm | yellow | TET13 |
| ø 1.4 mm | red | TET14 |

| Drills 3 pcs | | |
|-----------------------------------|--------|-------|
| ø 1.1 mm | black | TEA11 |
| ø 1.2 mm | grey | TEA12 |
| ø 1.3 mm | yellow | TEA13 |
| ø 1.4 mm | red | TEA14 |
| Assorted 6 pcs (one of each size) | | TEA1 |



TENAX® Fiber Trans



- Great alternative for esthetic, metal-free restorations
- Bonds with dual- and self-cure resin cements and all composite materials

Fiber Trans Introductory Kit

| | | |
|----------------------------------|----------------|------|
| One-Office-Visit Technique | | TFT1 |
| Fiber Trans Posts ø 1.1 mm 5 pcs | Drill ø 1.1 mm | |
| Fiber Trans Posts ø 1.3 mm 5 pcs | Drill ø 1.3 mm | |
| Fiber Trans Posts ø 1.5 mm 5 pcs | Drill ø 1.5 mm | |
| Universal Hand Driver (L590) | | |

Fiber Trans Drills Refill

| | | |
|----------|-------|-------|
| ø 1.1 mm | 3 pcs | TED11 |
| ø 1.3 mm | 3 pcs | TED13 |
| ø 1.5 mm | 3 pcs | TED15 |

Fiber Trans Posts Refill

| | 5 pcs/pack | 10 pcs (pouched per item) |
|----------|------------|---------------------------|
| ø 1.1 mm | TFT11 | 60018574 |
| ø 1.3 mm | TFT13 | 60018575 |
| ø 1.5 mm | TFT15 | 60018576 |



ParaCore®



- Dual-cured composite resin system with integrated bond
- The “25-ml-version” is indicated for post cementation and core build-ups
- The “5-ml-version” can also be used to cement crowns, bridges, inlays and onlays
- Extraordinary strength for long-term restorations

ParaCore 5 ml Intro Kit

| | | |
|---|----------|----------|
| Intro Kit | | 5885 |
| Syringe White, Dentin, Dentin SLOW + Trans SLOW | 4 x 5 ml | |
| ParaBond Non-Rinse Conditioner + Adhesive A & B | 3 x 3 ml | |
| Mixing Tip brown, short, super fine | 1 x 20 | |
| Accessories | 1 x | |
| Intro Kit SLOW | | 60013753 |
| Syringe Dentin SLOW + Trans SLOW | 4 x 5 ml | |
| ParaBond Non-Rinse Conditioner + Adhesive A & B | 3 x 3 ml | |
| Mixing Tip brown, short, super fine | 1 x 20 | |
| Accessories | 1 x | |

ParaCore 5 ml Refills

| | | |
|-------------------------------------|----------|----------|
| ParaCore 5 ml Syringe White | 2 x 5 ml | 5886 |
| Mixing Tip brown, short, super fine | 1 x 20 | |
| ParaCore 5 ml Syringe Dentin | 2 x 5 ml | 5887 |
| Mixing Tip brown, short, super fine | 1 x 20 | |
| ParaCore 5 ml Syringe Dentin SLOW | 2 x 5 ml | 60011391 |
| Mixing Tip brown, short, super fine | 1 x 20 | |
| ParaCore 5 ml Syringe Trans SLOW | 2 x 5 ml | 60011392 |
| Mixing Tip brown, short, super fine | 1 x 20 | |

ParaCore Single 25 ml

| Content | | Dentin | White |
|---|-----------|--------|-------|
| Intro Kit | | 1500 | 1502 |
| Dispenser | 1 x | | |
| Cartridge | 1 x 25 ml | | |
| ParaBond Non-Rinse Conditioner + Adhesive A & B | 3 x 3 ml | | |
| Mixing Tip yellow / Oral Tips | 2 x 20 | | |
| Accessories | 1 x | | |
| Standard Kit | | 1501 | 1503 |
| Cartridge | 1 x 25 ml | | |
| Mixing Tip yellow / Oral Tips | 2 x 20 | | |
| ParaBond Non-Rinse Conditioner + Adhesive A & B | 3 x 3 ml | | |
| Accessories | 1 x | | |
| Automix Refill pack | | 5853 | 5854 |
| Cartridge | 1 x 25 ml | | |
| Mixing Tip yellow / Oral Tips | 2 x 20 | | |

NOTES

NOTES



Locations

CH **Coltène/Whaledent AG**
Feldwiesenstrasse 20
9450 Altstätten / Switzerland
T +41 71 757 53 00
F +41 71 757 53 01
info.ch@coltene.com

CN **Coltène/Whaledent China Trading Co. Ltd.**
Rm. 1103/1104, Bldg. B2, Wu Dong Plaza
#9 Chegongzhuang Street, West District
Beijing 100044 / P.R. China
T +86 10 6212 3251
F +86 10 6212 3252
info.cn@coltene.com

IT **Coltène Italia S.r.l.**
c/o Polo Tecnologico della Brianza
Via Alessandro Volta, 94 - Cond. Bianchi
20832 Desio (MB) / Italy
T +39 0362 62 67 32
F +39 0362 63 25 80
info.it@coltene.com

DE **Coltène/Whaledent GmbH + Co. KG**
Raiffeisenstraße 30
89129 Langenau / Germany
T +49 7345 805 0
F +49 7345 805 201
info.de@coltene.com

FR **Coltène/Whaledent S.a.r.l.**
Synergie Park
3 avenue Louis Néel
59260 Lezennes / France
T +33 320 64 64 00
F +33 320 64 64 03
info.fr@coltene.com

UK **Coltène/Whaledent Ltd.**
The President Suite
Kendal House, Burgess Hill
Victoria Way
West Sussex, RH15 9NF / UK
T +44 1444 235486
F +44 1444 870640
info.uk@coltene.com

US **Coltène/Whaledent Inc.**
235 Ascot Parkway
Cuyahoga Falls, Ohio 44223 / USA
T +1 330 916 8800
F +1 330 916 7077
info.us@coltene.com

IN **Coltène/Whaledent Private Ltd.**
106/107, Hallmark, Vasant Oscar
L.B.S Marg, Mulund West
Mumbai 400080, Maharashtra / India
T +91 22 25923626
F +91 22 25623165
info.in@coltene.com

BR **Vigodent SA Indústria e Comércio**
Rua Pesqueira 26 Bonsucesso
Rio de Janeiro CEP 21041-150 / Brazil
T +5521 3865 5600
F +5521 2280 8411
sac@vigodent.com.br

ES **Coltène Iberia S.L.U.**
PT c/Doctor Fleming, 3 - Bajo A
28220 Majadahonda, Madrid / Spain
T +34 91 63 86 492
F +34 91 63 86 279
info.ib@coltene.com

JP **Coltène Japan LLC**
2-2-28 2nd Floor, Nishikicho
190-0022 Tachikawa Tokyo / Japan
T +81 42 595 6945
F +81 42 595 6946
info.jp@coltene.com

