Resilience® Light-Activated Orthodontic Bonding Systems

Provides the optimum properties for bonding ceramic, metal, or plastic brackets using light-cure technology. The smooth, tacky composite resin delivers ideal handling characteristics which eliminates bracket flotation and allows for easy flash clean up. Light activation provides additional working time to ensure accurate bracket placement. Produces a strong light cured chemical bond which also debonds easily. Archwires can be placed immediately after fully curing the brackets. Contains fluoride to help protect against potential decalcification.

An Independent Clinical Evaluation Concluded that Resilience® Light-Cure Adhesive is...

"Recommended due to minimal bond failures."

"Very easy system to use."

Rated “Excellent” in its clinical evaluation.

Porcelain Conditioner
Item #: OT-PO
15 mL per bottle

Metal Primer
Item #: OT-ME
15 mL per bottle

Hazardous materials, special shipping required.

C. Capsule Gun
Item #: FC-SELE-004

D. Light-Activated Introductory Kit
Item #: FC-RESI-006SK

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Resilience® Low Viscosity
Light-Cure Flowable Composite

Resilience Low Viscosity Light-Cure Flowable Composite adhesive features a precision controlled syringe which prevents overflow and run-on. It ensures accuracy as it flows easily into difficult areas, but is reliable not to slump or run until light curing occurs. The disposable tip provides precise application, accessibility, and control resulting in excellent aesthetics. It is dependable, strong, and more resistant to shock and stress. It can be used in many ways such as bonding lingual retainers, Invisalign® attachments, occlusal build-ups for opening a posterior bite, indirect bonding, and much more! Contains fluoride to help protect against potential decalcification.

LV Flowable Composite Kit
Item #: FC-RESI-007
1x 1.6 gm syringe green etchant, 3x 2 gm flowable composite syringes, 1 x 3 mL light cure enamel bonding sealant resin, 25x Flowthru™ 22 gauge syringe tips, 10x 2½” bonding brushes, instructions

LV Flowable Composite Syringe
Item #: FC-RESI-008
1x 2 gm flowable composite syringe and 10x Flowthru™ 22 gauge syringe tips

Separate Refill Components
Sealant Resin
Item #: FC-RESI-019
7 mL per bottle

Needle Tips
Item #: 272-002
25x Flowthru™ 22 gauge syringe tips

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No-Mix Orthodontic Adhesive

Resilience® Primer-Activated Orthodontic Bonding Systems

Provides the optimum properties for bonding ceramic, metal, or plastic brackets using a primer activated no-mix bonding system. This is a chemically cured system which does not require pre-mixing. The thick tacky composite resin delivers ideal handling characteristics which eliminates bracket flotation and allows for easy flash clean up. Produces a strong chemical bond which also debonds easily. Archwires can be placed 5 minutes after bonding the last bracket. Contains fluoride to help protect against potential decalcification.

A. Primer-Activated Syringe Kit
Item #: FC-RESI-012
4x 3.5 gm syringes, 1x 9 mL enamel catalyst primer, 1x 4 gm green gel etchant syringe with 5x 22 gauge syringe tips, 2x 10 cavity mixing wells, 1x 50 sheet mixing pad (1¼” x 2¼”), 1x brush tip holder with 40x ¼” brushes, and 10x 2” brushes

Separate Refill Components

Primer-Activated Syringe
Item #: FC-RESI-024
3.5 gm per syringe

Enamel Catalyst Primer
Item #: FC-RESI-027
9 mL per bottle

B. Primer-Activated Capsule Kit
Item #: FC-RESI-048
40x .35 gm capsules, 1x 9 mL enamel catalyst primer, 1x 9 gm green liquid etchant bottle, 1x 50 sheet mixing pad (2¼” x 2¼”), and 50x 2” brushes

Conditioner/Primer
For use when bonding to special surfaces.

Plastic Conditioner
Item #: OT-PL
15 mL per bottle

Porcelain Conditioner
Item #: OT-PO
15 mL per bottle

Metal Primer
Item #: OT-ME
15 mL per bottle
Hazardous materials, special shipping required.

C. Capsule Gun
Item #: FC-SELE-004

D. Primer-Activated Syringe Introductory Kit
Item #: FC-RESI-012SK
1x 3.5 gm adhesive syringe, 1x 3 mL primer, 5x 2½” bonding brushes, 1x instruction sheet

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Resilience®
Orthodontic Bonding Solutions

• Green color provides highly visible contrast
• Gel stays where placed without overflowing
• Non-drying water soluble consistency
• Ideal medium viscosity
• 37% Phosphoric Acid

16 gm Gel Etch Syringe Kit
Item #: 501009
4x 4 gm syringes with 20x plastic Flowthru™ 22 gauge tips

Hazardous materials, special shipping required.

12 gm Gel Etch Syringe
Item #: 506102
1x 12 gm gel syringe, and 20x plastic tips

Hazardous materials, special shipping required.

Gel Etch Needle Tips
Item #: 272-002
25x plastic Flowthru™ 22 gauge tips

12 gm Gel Etch Syringe
Item #: 506104
1x 12 gm gel syringe, and 5x plastic 22 gauge tips

Hazardous materials, special shipping required.

Gel Etch Large Bottle
Item #: 506101
226 gm (8 oz) per bottle

Gel Etch Medium Bottle
Item #: 506106
57 gm (2 oz) per bottle

Liquid Etch Large Bottle
Item #: 506107
29.6 mL (1 fl oz) per bottle

Liquid Etch Small Bottle
Item #: 503204
7 mL (.23 fl oz) per bottle

Hazardous materials, special shipping required.

Order 24 hours a day, 7 days a week by FAX 1-813-864-9605
Resilience® Glass Ionomer Paste/Paste Band Cement

A multi-cure fluoride containing glass ionomer band cement in a two paste system which offers a dual curing capability. May be used with or without a curing light. There is approximately a 3 minute working time and 10 minute set time without use of curing light.

Multi-Cure Economy Kit
Item #: FC-GRAN-061
4x 5 gm base and 4x 5 gm catalyst, 2x 50 sheet mixing pads (2 1/8” x 2 1/8”), 10x spatulas, 1x instructions for use

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Resilience® Glass Ionomer Powder/Liquid Band Cement

A two part glass ionomer band cement system of powder and liquid. It contains fluoride which reduces the incidence of decalcification. Resilience chemically bonds to enamel without the use of etchants. It has a low film thickness and will not wash out under bands. The final setting time is 6 to 7 minutes.

A. Powder/Liquid Starter Kit
Item #: FC-GRAN-002
1x 50 gm powder and 1x 50 mL liquid, 1x 50 sheet mixing pad, 1x measuring scoop, 1x instructions for use

B. Powder/Liquid Economy Kit
Item #: FC-GRAN-059
1x 100 gm powder and 2x 50 mL liquid, 1x 50 sheet mixing pad, 1x measuring scoop, 1x instructions for use

Separate Refill Components
Measuring Scoop
Item #: FN-PLAS-087
The Cybird XD advanced curing light is designed particularly for the orthodontic professional in need of super-fast light curing and bonding speed to reduce chair time. It features two powerful curing modes to choose from for practice preference.

**Reduce Bonding Time**
The Cybird XD advanced curing light is designed particularly for the orthodontic professional in need of super-fast light curing and bonding speed to reduce chair time. It features two powerful curing modes to choose from for practice preference.

**Wide Application Range**
The Cybird XD LED produces a variable wavelength range of 430-490 nm, assuring full curability of a wide range of adhesives.

**Functional Aesthetics**
The ergonomically shaped curing light is well-balanced for ideal handling. Cybird XD’s square body prevents roll-off at chairside tables and is shaped for a more natural grasp.

**Clever Construction**
Built from industrial grade lightweight aluminum. The turbo 8 mm fiber-optic light guide and sleek body design grants superb oral access for effortless usability.

**Intuitive Keypad**
Practitioners save time with simplicity: a shot button and a mode selector / timer button for various applications.

**1 Year Limited Warranty**

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**Cybird XD Curing Light**

**Plug Type/Voltage**
- US/Domestic/110........CXD-9000-US
- Europe/220...............CXD-9000-EU
- United Kingdom/220.....CXD-9000-UK

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**Battery Module**
- Item #: CXD-1200

**Light Guide**
- 11-8 mm (Turbo).........CXD-1400
- 11-11 mm .................CXD-1401
- 11-11 mm, 90° Angle ......CXD-1500

**Light Shield**
- Item #: CXD-1501
- 10 per pack

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**Eye Shield**
- Item #: CXD-1600

**Cybird XD Charger Base**
- Item #: CXD-2000

**Power Supply Adapter**
- US (DC6V, 2.5A)..........CXM-9000-US
- EU (DC6V, 2.5A)..........CXM-9000-EU
- UK (DC6V, 2.5A)..........CXM-9000-EU

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**Composite Curing Test Block**

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Place your order by calling 1-813-991-5896
3-STEP TECHNIQUE

**STEP 1**
FILL the selected Mini-Mold Tip with light-cure resin

**STEP 2**
PLACE the Mini-Mold Tip on desired tooth

**STEP 3**
LIGHT-CURE the Mini-Mold Tip for 5-20 seconds

With the Cybird XD Advanced LED Curing Light from Ortho Technology on page 112

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**Mini-Mold™ Starter Kit**
- Safe for sensitive patients
- Saves chair time and money
- Invisible aesthetic attachments
- Fast 5-20 seconds cure time

Item #: 51399
Kit includes: 27x Mini-Mold Tips 3 of each style, 2x tip handles, and detailed step-by-step instructions

---

**Different Mini-Mold™ Treatment Tips to Choose From**
Package includes: 8x or 10x Mini-Mold Tips (same type), 1x tip handle, and detailed step-by-step instructions. Cold sterilizable.

- **Mini-Mold™ Posterior Molar Pad Tips**
  - Designed to open the bite from the posterior teeth.
  - Item #: 51390
  - 10 per pack

- **Mini-Mold™ Wire Bonder Tips**
  - Ideal for making direct bond lingual retainers.
  - 4.5 mm #: 51393
  - 3 mm #: 51397
  - 10 per pack, wire sizes up to .020"

- **Mini-Mold™ Bracket Tips**
  - Creates edgewise .022" slot brackets, ideal for minor tooth adjustments.
  - Item #: 51396
  - 10 per pack

- **Mini-Mold™ Bite-Ramp Tips**
  - Creates a bite-opening ramp on the lingual side of the upper anterior teeth.
  - 3 mm #: 51392
  - 8 per pack
  - 5 mm #: 51389
  - 8 per pack

---

**Mini-Mold™ Button Tips**
- Creates a functional low profile button quickly and easily.
- Item #: 51394
- 10 per pack

**Mini-Mold™ Tube Tips**
- Designed to create a temporary tube. Fits round wire up to .020".
- Item #: 51391
- 10 per pack

**Mini-Mold™ Habit-Control Tips**
- The small, conical spike, ends thumb sucking and tongue thrusting.
- Item #: 51395
- 10 per pack

---

**Mini-Mold™ Poster Board Tips**
- Designed to open the bite from the posterior teeth.
- Item #: 51390
- 10 per pack

---

**Mini-Mold™ Button Tips**
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**Mini-Mold™ Poster Board Tips**
- Designed to open the bite from the posterior teeth.
- Item #: 51390
- 10 per pack

---

Order 24 hours a day, 7 days a week by FAX 1-813-864-9605
5-Step Technique

**STEP 1**
PREP
Etch and prime (seal) the tooth

**STEP 2**
TEST FIT
Select the tip size, fill with composite and test fit the Mold-A-Lateral until incisal edge aligns with centrals

**STEP 3**
LIGHT-CURE
Light cure 10 to 20 seconds depending on material and light intensity

**STEP 4**
REMOVE
Remove the tip of the Mold-A-Lateral

**STEP 5**
FINISH
Use a finishing bur for final contour adjustments

Kit Contains 8 REUSABLE Tips!

**Mold-A-Lateral Bonding Kit**
Item #: 51388
4x right lateral bonder tips, (2x large, 2x small), 4x left lateral bonder tips, (2x large, 2x small), 2x handles, 1x instructions

**Resilience LV Flowable Composite Kit**
Item #: FC-RESI-007
See page 105

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Place your order by calling 1-813-991-5896
Fully Exposes Both Arches to Provide Maximum Access

- Allows a full view for direct bonding
- Bite registration
- Photography
- Debonding
- Microetching

Advantages:
- Improved intraoral access
- Provides unobstructed view and superior buccal access
- Maintains accessibility during all types of procedures
- Safe for autoclave and dry heat sterilization up to 350°F/177°C

High Heat Cheek Retractor

- Full view for bonding of anterior and posterior teeth
- Does not reflect light from flash
- Cold sterilizable
- Made in the USA

Extraoral Cheek Retractors

- Allows a full view for direct bonding
- One piece design with strong plastic
- Made in the USA

Heat Sterilizable
Pedo (Amber).............603-229
Adult (Amber).............603-230

Autoclavable
Pedo (Clear)...............602-229
Adult (Clear)...............602-230

Disposable
Adult (Blue)...............601-230

10 per pack
Intraoral Cheek Retractors

- The best retractor for bonding
- Unrestricted access to the entire mouth
- Available heat sterilizable, autoclavable and disposable
- Made in the USA

Disposable
Pedo (Green)..............601-220 10 per pack
Teen (Blue)..................601-221
Adult (Red)...............601-222

Heat Sterilizable (Amber)
Pedo ..........................601-200
Teen ..........................601-201
Adult ..........................601-202

Sterilizable up to 370°F/188°C

Autoclavable (Clear)
Pedo ..........................601-210
Teen ..........................601-211
Adult ..........................601-212

Sterilizable up to 270°F/132°C

Great for Adults and Children During Bonding

Lip Ring Retractor

- Sized for adults and children
- Made of a high quality medical grade plastic
- Works great for bonding and intraoral photography
- Cold sterilizable

Item #: 54683 2 per pack

Disposable Tongue Blocks

Cherry Scented!

- Enables patient to relax jaw
- Can be easily trimmed
- Helps maintain a dry field
- Increases patient comfort
- Made in the USA

Small.........................600-211
Regular .......................600-212
50 per pack

Saliva Ejector...............600-216
Adapter Tubes ...............600-217
3 per pack, cold sterilizable only

TRY OUR...

Photo Cheek Retractors

Essential for Getting the Maximum View
See pages 167-168

Place your order by calling 1-813-991-5896
Nola Dry Field System
Achieve Total Bonding Success...

- Full Arch Access for Bonding
- Adjustable to Arch Length
- Maximum Patient Comfort
- Excellent Soft Tissue Retraction
- Fully Autoclavable to 280°F/135°C
- Reduces Bond Failure
- Prevents Treatment Delays

The Nola Dry Field System completely eliminates saliva and fully exposes both arches making it ideal for all bonding applications. The system is easy to assemble, be inserted, and used by a single operator. The entire system is completely autoclavable making clean-up easy.

Dry Field Systems
Small (Red) ................. 300-400
Large (White) .............. 300-401
System includes: 1x cheek retractor, 1x flexible connector, 1x tongue guard, 2x bilateral suction tubes, 1x central suction “Y” connector with low-volume adapter

Dry Field System Separate Components

A) Cheek Retractor
Assembly with flexible connector
Small (Red) ................. 300-414
Large (White) .............. 300-406
Adjustable Cheek Retractor
Keeps the cheeks back and fully exposes both dental arches

B) Tongue Guards
Small (Red) ................. 300-413
Large (Translucent) ..... 300-403
2 per pack
Tongue Guard
Holds the tongue in place and allows the patient to continue swallowing

C) Bilateral Suction Tubes
Silicone Tubing
Item #: 300-412
10 per pack
Bilateral Silicone Tubing
Precisely directs saliva flow and ensures unrestricted evacuation for a totally dry environment

D) “Y” Connectors
Item #: 300-408
4 per pack
Central Suction
“Y” connector adapter
(low-volume and high volume also available)

E) Low-Volume Adapters
Item #: 300-409
4x Adapters and 4x “Y” connectors

F) High-Volume Adapters
Item #: 300-411
4x Adapters and 4x “Y” connectors

G) Connecting Arm Inserts
Used for connecting Tongue Guards to Cheek Retractor
Item #: 300-402
10 per pack

Achieve Total Bonding Success...

Secure online ordering via the internet www.orthotechnology.com
Orthogap Bonding Pads
Item #: 600-370
25 sheets per pad

With Mixing Wells
Item #: 600-350

Without Mixing Wells
Item #: 600-355
25 per pack

Disposable Bonding Pads
Combination mixing pad and bonding pad, saves your office time and money!

- Adhesive backing holds brackets firmly in place
- Liquid impermeable surface for mixing
- Easy bracket access speeds selection
- Padded for easy dispensing

Bonding Pad Organizer
Item #: OT-BP370
6 1/4"W x 6 3/4"H x 4 3/4"D

Orthogap Bonding Pads
Item #: 600-370
25 sheets per pad

Plastic Bonding Trays
- With or without mixing wells
- Adhesive holds brackets in place
- Holds one full bracket set-up

With Mixing Wells
Item #: 600-350

Without Mixing Wells
Item #: 600-355
25 per pack

Mixing Pads
- Liquid impermeable surface
- Smooth finished surface

2.5" x 2.5" Mixing Pads
Item #: 600-600
3x 50 sheet pads per pack

3" x 5" Mixing Pads
Item #: 600-610
3x 50 sheet pads per pack

U.S. Patent Number 5,542,844

Place your order by calling 1-813-991-5896
Microbrush

- Precise placement of solutions
- Reduces use of excess solutions
- Bends easily into any angle
- Non-linting and non-absorbent tips
- Color coding avoids application mix-up
- Made in the USA

Bonding Brushes

- Injection molded plastic handle
- 1/4" stem with 1/2" tuft
- Use for sealant or primers
- Made in the USA

Dispenser Kit
Item #: U1D
1 dispenser, 1 refill cartridge of 100 applicators

UltraBrush 1.0 Refill
Item #: U1R200
2 trays of 100 applicators per pack

Bonding Brushes

- Large economy pack
- 2" disposable bonding brush
- Made in the USA

Dispenser Kit
Item #: U1D
1 dispenser, 1 refill cartridge of 100 applicators

UltraBrush 1.0 Refill
Item #: U1R200
2 trays of 100 applicators per pack

BONDING SUPPLIES

Prophy Paste

- No fluoride
- No flavored oils
- Enhances bond strength
- Cleans teeth prior to bonding
- Made in the USA

Item #: 15486
200x 2 gm single-dose cups and 1 x finger ring

Prophy Handle and Cups

- Preps single tooth for bonding
- Great time saver for rebonds
- Made in the USA

Autoclavable Kit: 600-240
1 kit (blue)
1x handle, 20x disposable cups

Disposable Kit: 600-250
1 kit (red)
25x disposable handles with cups

Bonding Brushes

- Injection molded plastic handle
- 1/4" stem with 1/2" tuft
- Use for sealant or primers
- Made in the USA

Dispenser Kit
Item #: U1D
1 dispenser, 1 refill cartridge of 100 applicators

UltraBrush 1.0 Refill
Item #: U1R200
2 trays of 100 applicators per pack

Bonding Brushes

- Large economy pack
- 2" disposable bonding brush
- Made in the USA

Dispenser Kit
Item #: U1D
1 dispenser, 1 refill cartridge of 100 applicators

UltraBrush 1.0 Refill
Item #: U1R200
2 trays of 100 applicators per pack

Order 24 hours a day, 7 days a week by FAX 1-813-864-9605
Microetcher™
Intraoral Sandblaster

**Benefits**
- Increases bond strength up to 400%
- Stainless construction and replaceable carbide tip
- Nozzle rotates 360° for easy access

**Uses**
- Etch all metals, composites and amalgam
- Perfect for adhesive removal for rebonds or for etching the inside of bands
- Surface abrasion procedures in seconds

Microetcher IIA
Fully Autoclavable
Intraoral Sandblaster
Item #: 22005
1x handpiece, 2x abrasive reservoirs, 1x air line, and 1x user guide

Autoclavable up to 269°F/132°C
Plastic jar and tubing must be removed and abrasive jar filter removal recommended prior to sterilization

Microetcher II
Intraoral Sandblaster
Item #: 22000
1x 60° autoclavable nozzle, 2x abrasive reservoirs, 1x air line, and 1x user guide

Microetcher Attachment Components

**Quick Disconnect Kit**
Item #: 44000
1x male quick disconnect, 1x female quick disconnect, 1x tee connector and 2x tube connectors

**Female Disconnect Kit**
Item #: 44010
1x female quick disconnect, 1x tee connector and 2x tube connectors

**Male Disconnect**
Item #: 44020

**Handpiece Adapter**
Item #: 44075

Place your order by calling 1-813-991-5896
Microcab Plus
Dust Containment Unit
- A compact design with large internal working area and hand guards
- Bright, fluorescent light for ideal illumination
- Easy to clean with a pullout filter
- Snap-in disposable windows
- Integrated handle for portability
- Ultra quiet fan and filter
- Made in the USA

Microcab Plus
United States 110V: 91010
International 220VAC: 91354

Replacement Parts
Disposable Window Shields
1st generation .............. Item #: 91286
2nd generation .............. Item #: 93817
10 per pack
Filter
Item #: 49055
Hand Guard Kit
Item #: 91518

TruEtch™
Aluminum Oxide
50 micron ....................... Item #: 12300
Intraoral applications, white in color
90 micron ....................... Item #: 12400
Extraoral applications, tan in color
Made in the USA
1lb (454 gm) per bottle

Tooth Dryer
- Ends air/water line contamination
- Decreases bond failure
- Autoclavable nozzle
- Designed for orthodontists
- Detachable lingual elbow

Item #: 890-100
110 Volt
Replacement Parts
Nozzle w/Elbow Tip
Item #: 890-101