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8.2 Bonding/Banding Products and Curing Light

Etching the Tooth Surface

Tooth Preparation

**Unitek™ Etching Gel System**
(Blue Tint)
(35% Phosphoric Acid)
2 gel etch syringes (3.5 g each)
25 disposable plastic dispensing tips
712-039

**Unitek™ Etching Gel System**
(Blue Tint)
(35% Phosphoric Acid)
2 gel etch syringes (3.5 g each)
20 disposable metal dispensing tips
712-044

**Disposable Plastic Dispensing Tips**
25/pk
712-037

**Disposable Metal Dispensing Tips**
20/pk
712-045

**Miscellaneous Products**

**Bonding Prep Trays**
25/pk tacky surface in well
709-029
100/pk tacky surface in well
709-019

**Dispensing Items**
Mixing Pad 3” x 2½”
5/pk
704-030
Disposable Spatulas
100/pk
704-045

**Ortho Laboratory Adhesive**
for Indirect Bonding
3 syringe/pk
704-050

**Brush Holder**
4/pk
704-046

**Unitek™ Etching Gel**
(Blue Tint)
35% phosphoric acid
9 ml bottle
704-060
**Priming Teeth Prior to Light Cure Applications**

**Transbond™ Plus Self Etching Primer**

Easy-to-use Transbond Plus Self Etching Primer lets you etch and prime enamel in one simple step. A single-patient use foil pack contains pre-measured etchant and light cure primer that are applied together using a disposable applicator included with each pack. Works in both moist and dry environments with outstanding bond strength when used with moisture tolerant adhesives. Each unit contains enough primer for a complete arch. Use with light cure adhesives.

- **Transbond XT Primer Bottle**
  - 6 ml
  - 712-034

- **Transbond MIP Moisture Insensitive Primer Kit**
  - 6 ml Transbond MIP primer
  - 1 light sensitive well
  - 20 disposable wells
  - 1 brush holder
  - 60 brush tips
  - 712-021

- **Transbond MIP Primer Bottle**
  - 6 ml
  - 712-025

- **Disposable Wells**
  - 96/pk
  - 712-023

- **Light Sensitive Wells**
  - 4/pk
  - 712-022

- **Brush Holders**
  - 4/pk
  - 704-046

- **Standard Applicators (100/pk)**
  - 712-092

- **Easy Roller (1 each)**
  - 712-093

**Transbond™ MIP Moisture Insensitive Primer**

- Moisture tolerant primer bonds in moisture (water or saliva) without compromising bond strength with a single coat over contaminated tooth surface when used with moisture tolerant adhesives
- Compatible with all 3M light cure adhesives

**Transbond MIP Moisture Insensitive Primer Introductory Kit**

- 6 ml Transbond MIP primer
- 1 light sensitive well
- 20 disposable wells
- 1 brush holder
- 60 brush tips
- 712-021

- Requires only a thin, uniform film on each tooth
- Serves as a wetting agent
8.4 Bonding/Banding Products and Curing Light

Direct Bond Light Cure Adhesive

Transbond™ XT Light Cure Adhesive

Command Cure
- Quick ceramic/metal bracket cure

Extended Working Time
- Allows precise bracket placement

Immediate Bond Strength
- Allows archwire to be tied in immediately following cure

Excellent Handling Properties
- No bracket drift
- Easy flash clean-up

Versatile
- Saves time for rebonds
- Efficient bonding of ceramic and metal brackets

Transbond XT Light Cure Adhesive Kit in Capsules
25 capsules (0.2 g each)
6 ml Transbond XT primer
1 adhesive dispensing gun
1 brush holder
60 brush tips
712-030

Transbond XT Adhesive in Capsules
25 capsules (0.2 g each)
712-031

Adhesive Dispensing Gun
712-032

Transbond XT Light Cure Adhesive Kit in Syringes
2 syringes (4 g each)
6 ml Transbond XT primer
1 brush holder
60 brush tips
712-035

Transbond XT Adhesive in Syringes
4 syringes (4 g each)
712-036

Transbond XT Primer Bottle
6 ml
712-034

Transbond XT Adhesive Syringe Sample
2 syringes (4 g each)
712-066
### Direct Bond Light Cure Adhesive

**Transbond™ PLUS Color Change Adhesive**

**Moisture Tolerant**
- Reliable bond in moist field when used with moisture tolerant primers

**Color Changing**
- Easier flash clean-up
- Better bracket reference

**Versatile**
- Bonds ceramic and metal brackets
- Available in syringes and capsules

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transbond PLUS Color Change</td>
<td>Adhesive in Syringes</td>
<td>712-101</td>
</tr>
<tr>
<td>Adhesive in Capsules</td>
<td>25 ea. capsules (0.2 g each)</td>
<td>712-102</td>
</tr>
<tr>
<td>Capsule Refill</td>
<td>25 ea. capsules (0.2 g each)</td>
<td>712-104</td>
</tr>
<tr>
<td>Syringe Sample</td>
<td>1 ea. syringe (4 g each)</td>
<td>712-105</td>
</tr>
<tr>
<td>Capsule Sample</td>
<td>2 ea. capsules (0.2 g each)</td>
<td>712-106</td>
</tr>
<tr>
<td>Syringe Refill</td>
<td>4 ea. syringes (4 g each)</td>
<td>712-103</td>
</tr>
<tr>
<td>Capsule Kit with Transbond™</td>
<td>Plus Self Etching Primer</td>
<td>712-108</td>
</tr>
<tr>
<td>LR Light Cure Adhesive</td>
<td>(712-102 plus 712-091)</td>
<td></td>
</tr>
<tr>
<td>Syringe Kit with Transbond Plus Self Etching Primer</td>
<td>(712-101 plus 712-091)</td>
<td>712-107</td>
</tr>
<tr>
<td>Capsule Refill</td>
<td>25 capsules (0.2 g each)</td>
<td>712-104</td>
</tr>
<tr>
<td>Syringe Sample</td>
<td>1 ea. syringe (4 g each)</td>
<td>712-105</td>
</tr>
<tr>
<td>Capsule Sample</td>
<td>2 ea. capsules (0.2 g each)</td>
<td>712-106</td>
</tr>
<tr>
<td>Syringe Refill</td>
<td>4 ea. syringes (4 g each)</td>
<td>712-103</td>
</tr>
<tr>
<td>Capsule Kit with Transbond™</td>
<td>Plus Self Etching Primer</td>
<td>712-108</td>
</tr>
<tr>
<td>LR Light Cure Adhesive</td>
<td>(712-102 plus 712-091)</td>
<td></td>
</tr>
<tr>
<td>Syringe Kit with Transbond Plus Self Etching Primer</td>
<td>(712-101 plus 712-091)</td>
<td>712-107</td>
</tr>
</tbody>
</table>

### Bonding Lingual Retainers

**Transbond™ LR Light Cure Adhesive**

Light cure adhesive designed specifically for bonding lingual retainers. Optimized viscosity with softer consistency than Transbond XT Adhesive.

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transbond LR Capsule Kit</td>
<td>25 capsules (0.2 g each)</td>
<td>712-038</td>
</tr>
<tr>
<td>Transbond XT Primer</td>
<td>6 ml Transbond XT primer</td>
<td></td>
</tr>
<tr>
<td>Adhesive Dispensing Gun</td>
<td>1 adhesive dispensing gun</td>
<td>712-032</td>
</tr>
<tr>
<td>AlastiK™ EZ3 Holder</td>
<td>Holds lingual retainer wire securely in place during bonding</td>
<td>10/pk 406-044</td>
</tr>
</tbody>
</table>
Banding Adhesive/Cement

Transbond™ Plus Light Cure Band Adhesive

- Single paste for easy dispensing
- Blue color for initial and final clean-up
- No-mix band adhesive

Transbond Plus Light Cure Band Adhesive Kit
5 ea. syringe (4 g each)
2 boxes disposable tips (box of 25)
712-080

Transbond Plus Light Cure Band Adhesive Introductory Kit
1 ea. syringe (4 g each)
10 ea. disposable tips
712-081

Transbond Plus Adhesive Disposable Tips
25 ea. disposable tips
712-082

Unitek™ Multi-Cure Glass Ionomer Orthodontic Band Cement

- Light cure or self cure
- Blue tint for easy initial clean-up
- Achieve adequate initial strength with light application
- Band under moist conditions

Unitek Multi-Cure Glass Ionomer Band Cement Kit
35 g powder
25 g liquid
1 dispensing spoon
2 mixing pads
3" x 2½"
712-050

Liquid Bottle
25 g
712-052

Dispensing Spoon
712-053

Mixing Pad
(3" x 2½")
5/pk
704-030

Powder Bottle
35 g
712-051
**Ortholux™ Luminous Curing Light**

The Ortholux Luminous Curing Light redefines efficiency and performance in orthodontic curing with a versatile, ergonomic design and the latest in high-power LED technology, utilizing an optimized fiber optic light guide to achieve outputs of 1600 mW/cm².

- One piece, stainless steel, pen-shaped, cordless handpiece
- 3 second curing for ceramic brackets
- High intensity 1600 mW/cm² blue LED
- Built-in light meter
- Rechargeable Lithium ion battery

**Ortholux Luminous Curing Light Kit**
- 704-460 (US/Japan) 120V
- 704-450 (Europe) 230V
- 704-451 (UK) 230V
- 704-462 (AUS/NZ) 230V

<table>
<thead>
<tr>
<th>Appliance</th>
<th>Adhesive</th>
<th>Ortholux Luminous Curing Light</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metal Brackets</td>
<td>APC™ Flash-Free Adhesive Coated Brackets</td>
<td>6 seconds mesial x 6 seconds distal</td>
</tr>
<tr>
<td>Ceramic Brackets</td>
<td></td>
<td>3 seconds mesial x 3 seconds distal</td>
</tr>
<tr>
<td>Buccal Tubes (direct bond)</td>
<td>Transbond XT Adhesive Transbond PLUS Color Change Adhesive APC™ II Adhesive Coated Brackets APC™ PLUS Adhesive Coated Brackets</td>
<td>3 seconds mesial x 3 seconds distal</td>
</tr>
<tr>
<td>Metal Brackets</td>
<td></td>
<td>3 seconds mesial x 3 seconds distal</td>
</tr>
<tr>
<td>Ceramic Brackets</td>
<td></td>
<td>3 seconds through the bracket</td>
</tr>
<tr>
<td>Buccal Tubes (direct bond)</td>
<td></td>
<td>6 seconds mesial x 6 seconds occlusal</td>
</tr>
<tr>
<td>Lingual Retainers</td>
<td>Transbond LR Adhesive</td>
<td>3 seconds mesial x 3 seconds distal</td>
</tr>
<tr>
<td>Molar Bands</td>
<td>Transbond Plus Band Adhesive</td>
<td>12 seconds (3 seconds per cusp)</td>
</tr>
<tr>
<td>Indirect Trays (Metal Brackets)</td>
<td>Transbond Supreme LV Low Viscosity Light Cure Adhesive</td>
<td>6 seconds mesial x 6 seconds distal through the trays</td>
</tr>
<tr>
<td>Indirect Trays (Ceramic Brackets)</td>
<td></td>
<td>6 seconds through the bracket and trays</td>
</tr>
</tbody>
</table>

**Ortholux Luminous Curing Light Replacement Parts**
- 704-455 Rechargeable Battery
- 704-456 Light Guide
- 704-457 Eye Shield
- S0360X Curing Light Glasses
**Bonding/Banding Products and Curing Light**

### Chemical Cure Bonding Adhesive

**Concise™ Orthodontic Chemical Cure Adhesive**

- Two-part resin and paste system
- Cures chemically
- Reliable bond strength

**Concise Orthodontic Bonding System**

- 6 ml enamel bond Resin A
- 6 ml enamel bond Resin B
- 18 g orthodontic bonding Paste A
- 18 g orthodontic bonding Paste B
- 9 ml etching liquid (clear)
- 2 mixing pads, 2” x 1½”
- 200 disposable mini-sponge applicators
- 1 light sensitive well
- 1 brush holder
- 60 brush tips
- 50 spatulas

**Enamel Bond Resin A**

- 6 ml bottle
- 196-009

**Enamel Bond Resin B**

- 6 ml bottle
- 196-010

**Orthodontic Bonding Paste A**

- 18 g jar
- 196-002

**Orthodontic Bonding Paste B**

- 18 g jar
- 196-003

### Unite™ Bonding Adhesive

- No-mix adhesive for direct bonding
- Available in easy-to-use syringes
- Can be used for bonding polycarbonate brackets
- Cures chemically

<table>
<thead>
<tr>
<th>Item</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brush Holder</td>
<td>704-046</td>
</tr>
<tr>
<td>Unite Bonding Adhesive Syringe Kit</td>
<td></td>
</tr>
<tr>
<td>3 adhesive syringes</td>
<td></td>
</tr>
<tr>
<td>(5 g each)</td>
<td></td>
</tr>
<tr>
<td>15 ml primer</td>
<td></td>
</tr>
<tr>
<td>1 dispensing pad, 3” x 2½”</td>
<td></td>
</tr>
<tr>
<td>1 brush holder</td>
<td></td>
</tr>
<tr>
<td>60 brush tips</td>
<td></td>
</tr>
<tr>
<td>Unite Adhesive</td>
<td></td>
</tr>
<tr>
<td>3 syringes</td>
<td></td>
</tr>
<tr>
<td>(5 g each)</td>
<td></td>
</tr>
<tr>
<td>Unite Primer</td>
<td></td>
</tr>
<tr>
<td>For Unite adhesive</td>
<td></td>
</tr>
<tr>
<td>15 ml bottle</td>
<td></td>
</tr>
</tbody>
</table>

### Adhesives for Indirect Bonding Trays

**Sondhi™ Rapid-Set Indirect Bonding Adhesive**

Sondhi Rapid-Set Indirect Bonding Adhesive Kit – a convenient, new angle on packaging. 3M's comprehensive treatment approach encompasses the packaging itself. A functional kit box that incorporates the indirect technique of Dr. Anoop Sondhi. The kit comes packaged in a large light-tight container, which can be used to store the models before curing. (Kit does not contain models.)

<table>
<thead>
<tr>
<th>Item</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sondhi Rapid-Set Indirect Bonding Adhesive Kit</td>
<td>712-070</td>
</tr>
<tr>
<td>10 ml bottle Resin A</td>
<td></td>
</tr>
<tr>
<td>10 ml bottle Resin B</td>
<td></td>
</tr>
<tr>
<td>2 brush holders (1 orange, 1 white)</td>
<td></td>
</tr>
<tr>
<td>60 brush tips</td>
<td></td>
</tr>
<tr>
<td>12-cavity dispensing well</td>
<td></td>
</tr>
<tr>
<td>DVD</td>
<td></td>
</tr>
<tr>
<td>Indirect Bonding Technique DVD</td>
<td>012-147</td>
</tr>
<tr>
<td>Sondhi TMD Examination DVD</td>
<td>012-145</td>
</tr>
<tr>
<td>Orthodontic Consultations DVD</td>
<td>012-146</td>
</tr>
</tbody>
</table>

### Reorder items

<table>
<thead>
<tr>
<th>Item</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Brush Holder 4/pk</td>
<td>704-046</td>
</tr>
<tr>
<td>Orange Brush Holder 4/pk</td>
<td>704-066</td>
</tr>
<tr>
<td>Light-Tight Box</td>
<td>712-075</td>
</tr>
</tbody>
</table>

3M Oral Care Orthodontic Product Catalog 2017 USA and PR: 1-800-423-4588
### Adhesives for Indirect Bonding Trays

#### Transbond™ IDB Pre-Mix Chemical Cure Adhesive

The 3M Adhesive Product Portfolio is known for offering uncompromising quality and reliable performance. Transbond IDB Pre-Mix Chemical Cure Indirect Bonding Adhesive will adhere to that legacy and introduces flexibility within the product line. The product can be used with Lingual or Labial Indirect Bonding Systems.

<table>
<thead>
<tr>
<th>Transbond IDB Pre-Mix Chemical Cure Adhesive Kit</th>
<th>Disposable Wells</th>
<th>Transbond IDB Pre-Mix Chemical Cure Adhesive Reorder Items</th>
</tr>
</thead>
<tbody>
<tr>
<td>110 g bottle Part A</td>
<td>96/pk</td>
<td>110 g bottle Part A</td>
</tr>
<tr>
<td>110 g bottle Part B</td>
<td>712-023</td>
<td>110 g bottle Part B</td>
</tr>
<tr>
<td>200 Applicators</td>
<td></td>
<td>712-120</td>
</tr>
<tr>
<td>20 Disposable Wells</td>
<td></td>
<td>712-121</td>
</tr>
</tbody>
</table>

#### RelyX™ Unicem 2 Automix Self-Adhesive Resin Cement

Dual-Cure indirect bonding solution for the Incognito™ Appliance System, the RelyX Unicem 2 Automix Syringe provides easy mixing and convenient dispensing.

<table>
<thead>
<tr>
<th>RelyX Unicem 2 Automix Refill</th>
<th>RelyX Unicem 2 Cement Mixing Tips</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shade: A2 Universal</td>
<td>15 Mixing Tips</td>
</tr>
<tr>
<td>1-8.5g syringe</td>
<td>56919</td>
</tr>
<tr>
<td>15 Mixing Tips (Regular)</td>
<td></td>
</tr>
<tr>
<td>5 Mixing Tips (Wide)</td>
<td></td>
</tr>
<tr>
<td>5 Mixing Tips (Endo)</td>
<td></td>
</tr>
<tr>
<td>56846</td>
<td></td>
</tr>
</tbody>
</table>

#### Transbond™ Supreme LV Low Viscosity Light Cure Adhesive

- On-demand flowable characteristics
- Indirect bonding or direct light cure applications
- Nanofillers for excellent strength, flow and wear properties
- Efficient, low-waste syringe dispenser
- Compatible with all 3M primers

<table>
<thead>
<tr>
<th>Transbond Supreme LV Adhesive Kit</th>
<th>Tips</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 syringes (2 g each)</td>
<td>20/pk</td>
</tr>
<tr>
<td>20 tips</td>
<td>712-046</td>
</tr>
<tr>
<td></td>
<td>712-045</td>
</tr>
</tbody>
</table>