



# VITEX™

## PARTIAL DENTURE PRODUCTS 2024



MANUFACTURED BY GARRECO, LLC | 430 HIRAM ROAD, HEBER SPRINGS, AR 72543, USA | ISO 13485 CERTIFIED

WWW.GARRECO.COM

## VITEX™ INVESTMENT LIQUID AND POWDER

Vitex (Ethyl Silicate) partial denture framework investment material has been developed especially for producing chrome cobalt castings. This product offers precise details due to an ultra fine particle size and unique two part blend of liquids. May be used for all high heat techniques. Formulated to mix and pour easily, Vitex investment maintains excellent integrity when used in conjunction with Vitex Model Hardener

- Precise detail
- Easy mix/pour
- All high heat techniques
- Ethyl Silicate Bonded

**INDICATION FOR USE:** Investment material



Special shipping conditions may apply to these items.



**WARNING:** Cancer - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### '50 LB' KIT:

'50lb' Kit (2 Cartons) - 5006000

Includes: 1 x 47.5lb Investment Sand, 4 x 28oz "A" Liquid, and 4 x 3.7oz "B" Liquid

28oz "A" Liquid (Carton) - 5010000

3.7oz "B" Liquid (Carton) - 5012000



### '100 LB' KIT:

'100lb' Kit (3 Cartons) - 5007000

Includes: 2 x 47.5lb Investment Sand, 2 x 118oz "A" Liquid, and 2 x 14.8oz "B" Liquid

'100lb' Kit Liquid Only (Carton) - 5012200

Includes: 2 x 118oz "A" Liquid, and 2 x 14.8oz "B" Liquid

47.5lb Sand Only (Carton) - 5008000

118oz "A" Liquid (Carton) - 5009000

14.8oz "B" Liquid (Carton) - 5011000

## VITEX™ 3D VEST

Vitex Refractory Model Hardener ("Cold Dip") is designed to be used at room temperature with a warm model. Use of this material exhibits the same results as older techniques, while saving time and money.

- Designed for 3D Printed/Milled Wax and Plastic Scaffolding
- Superfine Grain, Creamy Consistency
- Very Smooth Casted Surfaces
- Divests Easily
- Phosphate Bonded

**INDICATION FOR USE:** Investment material designed for 3D Printed/Milled Wax and Plastic Scaffolding.



**WARNING:** Cancer - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



Denotes an item that cannot be shipped by FedEx Ground; must be shipped FedEx Freight only



### 3D VEST LIQUID AND POWDER

Case of 50 x 400g - 5013400

1 Liter Investment Liquid (Bottle) - 6200003S

4 x 1 Liter Investment Liquid (Bottle) - 6200412

16 x 1 Liter Investment Liquid (Bottle) - 6201647

Note: 3 Liters of Investment Liquid

is required for 1 case of 3D Vest Powder.



**ALL PURPOSE**  
(For Acrylics, Investments, and Gypsum):

- 2gal Blue - 5001015
- 5gal Blue - 5001050
- 2gal Neutral - 5000015
- 5gal Neutral - 5000050

**VITEX™ DUPLICATING MATERIAL**

Although developed for use in the construction of partial denture frameworks, this versatile hydrocolloid material has proven to be excellent for a variety of dental related tasks. With superior reproduction of detail and endurance for multiple melting cycles. Available in two types (all purpose and regular). All Purpose melts at 190° and holds at 135°. Regular melts at 200° and holds at 125°. Available in Neutral or Blue.

- Versatile hydrocolloid material
- Superior reproduction of detail

**INDICATION FOR USE:** Partial denture framework construction

**REGULAR**  
(For Acrylics and Investments):

- 2gal Blue - 5001515
- 5gal Blue - 5001550



- 1qt Bottle - 5005030S
- 4x1qt Bottle - 5005030
- 1gal Bottle - 5005000
- 4x1gal Bottle - 5005040

**VITEX™ REFRACTORY MODEL HARDENER**

Vitex Refractory Model Hardener ("Cold Dip") is designed to be used at room temperature with a warm model. Use of this material exhibits the same results as older techniques, while saving time and money.

- No heat required
- Saves time

**INDICATION FOR USE:** Model hardener



Special shipping conditions may apply to these items.



1lb Alloy Bullets Carton - 5018500

**VITEX™ ALLOY**

This unique blend of metals provides short term flexibility and long term rigidity required by today's advanced technicians. Vitex partial denture alloy has been developed for use with all high heat techniques, and is priced well below other premium alloys.

- Tensile Strength: 109,500 psi (755 MPa)
- Melting Range: 2,480-2,534° F (1,360-1,390° C)

**INDICATION FOR USE:** Dental alloy



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## VITEX™ SUPERFORMS

Vitex Superform Patterns are made from a wax/plastic blend. This mix offers all the advantages of both components with optimum burnout. Available in multiple styles in protective packaging. 10 cards per box.

**INDICATION FOR USE:** Patterns for casting alloys.

### BAR TYPE

**B-1**



For small anterior cuspids  
10 Card Box - 5051010

**B-2**



For small anterior cuspids  
10 Card Box - 5052010

**B-4**



Lingual bar with distal retention  
10 Card Box - 5054010

**BC-1**



Precurved connecting bar  
10 Card Box - 5058010

**BL-1**



Semi-elliptic profile for lingual bar  
10 Card Box - 5063010

**BP-1**



Palatinal bar  
w/ half round profile  
10 Card Box - 5068010

**BP-11**



Palatinal bar  
w/ enlarged flat profile  
10 Card Box - 5071010

### SHEET TYPE

**G-45**



Grained leaf for palatinal plate  
(0.45 mm)  
10 Card Box - 5083010

**G-55**



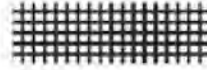
Grained leaf for palatinal plate  
(0.55 mm)  
10 Card Box - 5084010

**RR-3**



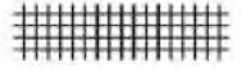
Retention sheet with loops  
border line (mandibular)  
10 Card Box - 5108010

**RT-0**



Small mesh retention for saddle  
in reduced area  
10 Card Box - 5109010

**RT-1**



Small mesh retention for saddle  
in reduced area  
10 Card Box - 5111010

### RETENTION / EXTENSION

**FC-0**



Cingular Wire  
10 Card Box - 5079010

**RI-1**



Skeleton/Saddle retention  
(mandibular)  
10 Card Box - 5104010

**RI-2**



Saddle retention grid  
(mandibular)  
10 Card Box - 5107010

**SI-1**



Retention Grid  
for artificial tooth  
10 Card Box - 5112010

## VITEX™ SUPERFORMS

Vitex Superform Patterns are made from a wax/plastic blend. This mix offers all the advantages of both components with optimum burnout. Available in multiple styles in protective packaging. 10 cards per box.

**INDICATION FOR USE:** Patterns for casting alloys.

### CLASP TYPE

**CR-1**



Bonyhard thin section clasp  
10 Card Box - 5076010

**GC-1**



Bonwill clasp for small anterior cuspids  
10 Card Box - 5085010

**GC-3**



Bonwill clasp for regular cuspids, bicuspid, and molars  
10 Card Box - 5087010

**GC-5**



Bonwill for cuspid and bicuspid  
10 Card Box - 5089010

**GC-6**



Bonwill clasp with rest for cuspids, bicuspid, and small molars  
10 Card Box - 5091010

**GC-7**



Same as GC-6 rest, but thicker  
10 Card Box - 5092010

**GD-1**



Straight clasp in 2 length with width section  
10 Card Box - 5093010

**GD-2**



Short straight clasp  
10 Card Box - 5094010

**GD-3**



Straight clasp with thin section  
10 Card Box - 5095010

**GD-3L**



Straight clasp with large section  
10 Card Box - 5096010

**GD-4**



Large section clasp for premolar/molar  
10 Card Box - 5097010

**GD-5**



Long straight thin clasp  
10 Card Box - 5098010

**GR-4**



Bonyhard clasp classic size  
10 Card Box - 5099010

**GR-5**



Bonyhard clasp large size  
10 Card Box - 5101010

**GR-6**



Bonyhard clasp and L clasp in different size  
10 Card Box - 5102010

**PI-PE**



Clasp vertical support  
10 Card Box - 5113010

**RC-1**



Short clasp for canine/premolar  
10 Card Box - 5103510



Model 3D Pro Beige (1 kg) - 6851002S  
Model 3D Pro Grey (1 kg) - 6854502S  
Model 3D Ultra Peach (1 kg) - 6865502S

## Model 3D Pro and Model 3D Ultra

Model 3D Pro and Model 3D Ultra are opaque photopolymers designed to accentuate depth and detail in dental models. These resins accommodate a perfect view of undercuts in 3D-printed models. Both are easy to use on all open-source SLA, MSLA, and DLP 3D printers in the range of 385 – 420nm with low shrinkage and low odor, accuracy, and dimensional stability, making it perfect for the production of dental models, C&B, thermoforming, and aligner models.

### MODEL 3D PRO POST-CURING SPECIFICATIONS

- Flexural strength D790 64 MPa 9.3 ksi
- Flexural modulus D790 1.7 GPa 247 ksi
- Shore D Hardness D2240 85

### MODEL 3D ULTRA POST-CURING SPECIFICATIONS

- Flexural strength D790 80 MPa 11.6 ksi
- Flexural modulus D790 2.1 GPa 305 ksi
- Shore D Hardness D2240 83

**INDICATION FOR USE:** For 3D printing highly accurate dental models, dies, and aligner models.



Waxcast 3D Blue (1 kg) - 6865502S

## WaxCast 3D

WaxCast 3D is a blue wax-based photopolymer with reliable processability and accuracy on LCD/MSLA, DLP, and laser-based 3D printers. 3D printed parts from this material capture intricate features and crisp detail. This wax-based material offers smooth surfaces with clean burnout for a reliable casting process. Create custom-made, elegant organic geometries with positive and negative engravings according to your preferences. WaxCast 3D creates perfect casting patterns for dental parts.

### WAXCAST 3D POST-CURING SPECIFICATIONS

- Flexural strength D790: 33 MPa 4.8 ksi
- Flexural modulus D790: 1.1 GPa 160 ksi
- Shore D Hardness D2240 77

**INDICATION FOR USE:** For manufacturing dental parts using direct investment casting