

# RANSOM & RANDOLPH

## Dental Laboratory Retail Catalog (North America)



Equipment



Stones & Plasters



Duplicating Materials



Abrasives



Waxes & Resin Patterns



Alloys



Investments



3535 Briarfield Boulevard, PO Box 1570 | Maumee, OH 43537 USA  
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*Investing with Innovation™*



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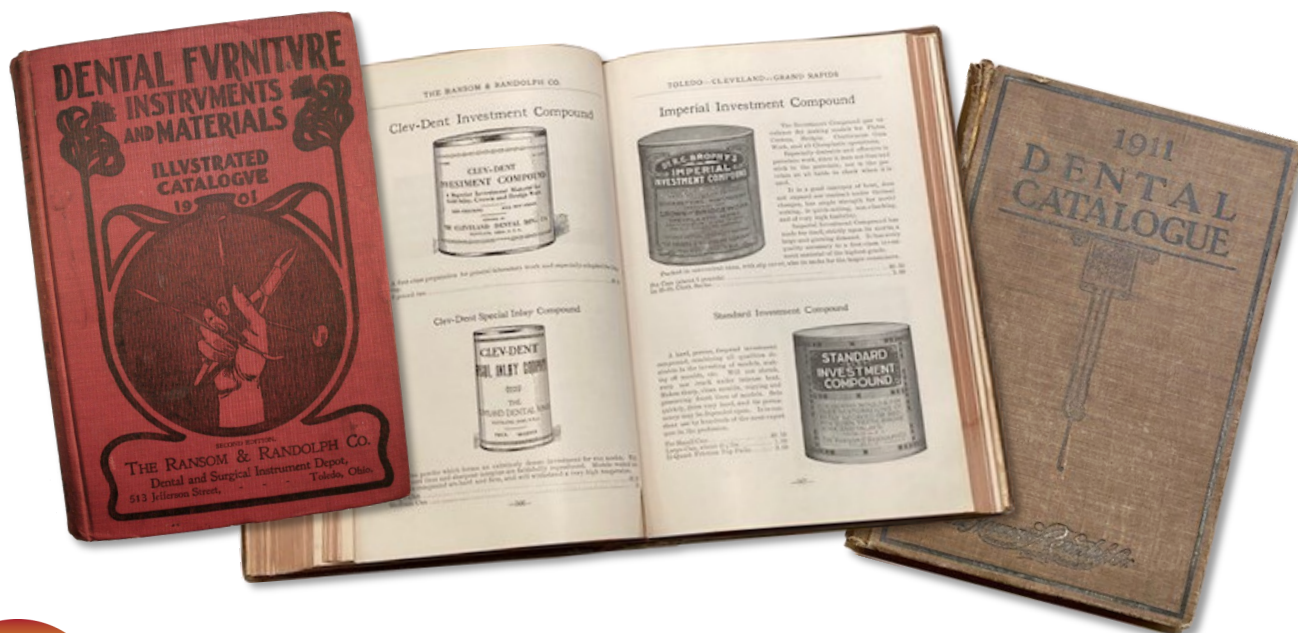
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Founded in Toledo, Ohio in 1872, Ransom & Randolph (R&R) was one of the first dental manufacturers to publish a comprehensive catalog and quickly became a worldwide leader in the dental industry, merging with Dentsply International in 1964. In 2020, R&R set its sights as an independent business to proudly offer traditional lab products worldwide once again under the R&R brand. In this time of change our approach is simple: offer the products our customers need today. We trust that with every purchase, you will experience our vast years of knowledge, quality and service.

Sincerely,

*Dan*

Daniel Nixon, President, Ransom & Randolph, LLC



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# TECHNICAL CAPABILITIES

## Laboratory Simulation

From our position as the global leader in dental investment technology 100 years ago to our leadership in adapting this technology into the industries of jewelry, automotive, medical, and aerospace, R&R remains the leader in technical capabilities for lost wax casting. Our Research Department maintains a multi-million dollar equipped laboratory, that is one of the largest, most advanced, in investment casting.



### Thermal Expansion Dilatometer

Measures the thermal expansion in dimensional changes associated with temperature change



### Modulus of Rupture Unit

Measures compressive strength at various points of pressure



### Permeability Unit

Measures airflow through materials



### Differential Scanning Calorimetry Unit

Measures heat flows associated with phase changes



### Thermogravimetric Analysis

Measures weight changes associated with temperature change

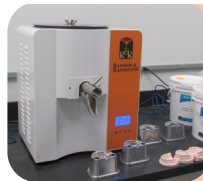
## Production Simulation

Our team of engineers maintain full product simulation capabilities to assist customers in troubleshooting their processes, whether in the casting of partial dentures frames, gold jewelry, medical implants, or critical aerospace components.



### Resin Pattern Printing

3D prints designs with fine detail and excellent burnout capabilities for simulating test parts



### Neycraft™ Duplicating Unit

Melts and pours 3 pounds of duplicating material for ease of replication of master models as well as testing for hydrocolloid, gypsum, and investment compatibility



### Vacuum & Model Making

Mixes silicon duplicating materials, stones, and investments in a vacuum seal



### Burn Out Furnaces

Our Vulcan® burnout furnace, Nabertherm™ burnout furnace, and Hones™ gas furnace processes gypsum-based, phosphate, and ethyl-silicate based investments in a variety of environments at high temperatures to burn out any wax left in a mold



### Neycraft™ Centrifugal Caster

Our Neycraft centrifugal caster, overpressure tilt unit, and pressure-over-vacuum casting unit simulate casting processes used in the global market

## Technical Support Contact

Email us at [technical@ransom-randolph.com](mailto:technical@ransom-randolph.com)

Call us at 800-800-7496 (US)

Have a question regarding application, troubleshooting, feedback, tips, or need advice?

Ask the experts by contacting our Technical Team for support.

We are happy to help you!



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# STONES & PLASTERS

## Specialty Die Stones



**Tuff-Stone™**  
resin die stone  
*Type IV dental resin*

A superior, extra-high compressive strength dental resin, specifically designed for dies, denture models, opposing models, and C&B bases. Ideal for applications that require controlled expansion, detailed reproduction, consistency, and high chip resistance.

Color: Golden Brown

44 lb. box.....402335



**FiberStone™**  
resin die stone  
*Type IV die stone*  
*Patent:*  
*#US-20220313403-A1*

FiberStone resin die stone inhibits the generation and expansion of cracks in the model, reducing breakage and chipping during model manipulation and cutting. It can reduce the number of pins required during the model building, requiring fewer pours.

Color: Golden Brown

25 lb. box .....402332  
44 lb. box .....402330



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Available at [shop.ransom-randolph.com](http://shop.ransom-randolph.com)  
or from an approved distributor near you.

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# STONES & PLASTERS

## Die Stones



### Glastone® 3000 die stone

Type V dental stone

Produces ultra-hard dies and casts. With its optimum expansion properties, it enhances fit when used for C&B dies and models. Has a velvety-smooth, glaze-like finish to master dies. Grinds easily without chipping. Excellent for use with nonprecious alloys.

Colors: Blue, Green, Ivory

- 25 lb. box
- Green .....990800
  - Ivory.....990820
- 44 lb. box
- Blue.....4990850
  - Green .....4990840
  - Ivory.....4990860



### Glastone® dental stone

Type IV dental stone

A premium quality stone for super-hard casts, dies and cast partial frameworks. With its low expansion, it is ideal for fabrication of models and dies for C&B, and for cast partial frameworks.

Colors: Peach, Tan

- 25 lb. box
- Peach.....99058
  - Tan.....99055
- 44 lb. box
- Peach.....499056



### Master Model™ die stone

Type IV dental stone

An extra strong, low expanding stone. Provides superior reproduction of detail and has excellent stacking qualities. Well suited for models and dies.

Colors: Blue, Pink, White

- 44 lb. box
- Blue .....PV42155
  - Pink.....PV42157
  - White .....PV42156



### Tuff-Stone™ die stone

Type IV dental stone

A superior, extra-high compressive strength dental stone, specifically designed for dies, denture models, opposing models, and C&B bases. Ideal for applications that require controlled expansion, detailed reproduction, consistency, and high chip resistance.

Color: Golden Brown

- 44 lb. box.....PV42330



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# STONES & PLASTERS

## Model Stones



**Uni-Rock™**  
dental stone  
*Type III dental stone*

An extra smooth, low expanding stone for all types of models.  
Color: Buff  
44 lb. box.....402125



**LabStone®**  
dental stone  
*Type III dental stone*

An all purpose stone for fabricating models and flasking acrylic dentures. May be used in any case where plaster or stone is indicated.  
Colors: Blue, Buff  
25 lb. box  
• Blue .....99200  
• Buff.....99203  
44 lb. box  
• Blue ..... 499201  
• Blue Fast ..... 400199  
• Buff..... 499204

## Base Stones



**Castone®** dental  
stone  
*Type III dental stone*

A high quality, high strength dental stone used for dental casts, investing and articulator mounting.  
Colors: Cream, White  
25 lb. box  
• Cream ..... 99043  
• White..... 99047  
44 lb. box  
• Cream ..... 499044  
• White..... 499046



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# STONES & PLASTERS

## Orthodontic Stones & Plasters



**OrthoStone**  
dental stone  
*Type III dental stone*

A pure white stone recommended for orthodontic working models.  
Color: White

25 lb. box ..... 99206  
44 lb. box ..... 499207



**Ortho Plaster**  
*Type II model plaster*

A pure white, fine plaster, specially formulated for orthodontic study models.

Color: White  
25 lb. box ..... 99216  
44 lb. box ..... 499217

## Plasters



**Model Plaster**  
*Type II model plaster*

A fine, pure white plaster for hard, dense models, flasking, articulating casts, and general laboratory use.

Color: White  
20 lb. box ..... 99031



**Plaster**  
*Type II model plaster*

A general purpose, dental grade, Type II model plaster of exceptional quality and value. Ideal for general model work and articulation. Available in Regular and Fast formulas.

Color: White  
44 lb. box  
• Fast ..... 400214  
• Regular ..... 400211



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# STONES & PLASTERS

## Typical Material Properties\*

	Type	Color	Water to Powder Ratio (ml/g)	Setting Time (minutes)	Set Expansion (%)	Minimum Compressive Strength at 1 Hour (psi)	Minimum Dry Compressive Strength (psi)
Glastone 3000 die stone	V	Blue, green, ivory	21/100	10-13	0.16-0.3	7,000	16,000
FiberStone resin die stone	IV	Golden brown	19/100	10-13	≤ 0.13	6,000	14,000
Master Model die stone	IV	Blue, pink, white	24/100	8.5-10.5	≤ 0.15	5,000	10,000
Tuff-Stone die stone	IV	Golden brown	19/100	10-13	≤ 0.13	8,000	19,000
Tuff-Stone resin die stone	IV	Golden brown	19/100	10-13	≤ 0.13	6,000	12,000
Glastone dental stone	IV	Peach, tan	22/100	7.5-9.5	≤ 0.15	3,000	9,000-15,000
Castone dental stone	III	Cream, white	30/100	8-10	≤ 0.2	3,000	8,000
LabStone dental stone	III	Fast set: Blue Regular: Blue, buff	30/100	Fast set: 5-7 Regular: 8-10	≤ 0.2	3,000	8,000
Orthostone dental stone	III	White	27/100	9-11	≤ 0.2	3,000	10,500
Uni-Rock dental stone	III	Buff	30/100	8.5-10.5	≤ 0.14	3,000	8,500
Model Plaster	II	White	47/100	7-9	0.06-0.3	1,300	3,000
Ortho Plaster	II	White	37/100	12-14	0.06-0.3	1,300	6,500
Plaster	II	White	47/100	Fast set: 4-6 Regular: 6-8	≤ 0.25	1,600	3,500

\*These results are based on the testing methods, frequency and procedures of Ransom & Randolph or its approved suppliers. The levels referenced herein are only for general guidance and do not constitute a firm specification



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# DUPLICATING MATERIALS

## Reversible Hydrocolloids



**Multiflex™ duplicating material**

A premium, all-purpose duplicating hydrocolloid. Ideal for producing both refractory and dental stone models, as well as molds for the fabrication of partial and full dentures utilizing the fluid resin pouring technique. Can be used with stones, ethyl silicate investments, and phosphate investments.

Color: Blue

7.5 kg pail.....M03165



**Uniflex™ duplicating material**

A premium, all-purpose duplicating hydrocolloid. Ideal for producing both refractory and dental stone models, as well as molds for the fabrication of partial and full dentures utilizing the fluid resin pouring technique. Can be used with stones, ethyl silicate investments, and phosphate investments.

Color: Clear/Beige

7.5 kg pail.....N021955

*Formerly known as Polyflex® duplicating material.*



**Perfex® duplicating material**

A premium reversible hydrocolloid. Ideal for producing ethyl silicate refractory models, as well as molds for the fabrication of partial and full dentures utilizing the fluid resin pouring technique. Can only be used with ethyl silicate investments.

Color: Clear/Beige

7.5 kg pail .....N021055



**Instaflex™ Concentrate duplicating material**

A premium, all-purpose concentrated duplicating colloid. Ideal for producing both refractory and dental stone models, as well as molds for the fabrication of partial and full dentures utilizing the fluid resin pouring technique.

Color: Red

1 Gallon\*.....N021985

*\*Makes 3 gallons. Just add water.*



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# DUPLICATING MATERIALS

## Duplicating Silicones



**Lab-Flex™ 16**  
**silicone rubber**



**Lab-Flex™ 75,**  
**85 & 85 Touch**  
**dental putty**

*Lab putty*

An addition silicone (polyvinylsiloxane [PVS]) duplicating material, ideal for model duplication in the dental laboratory. The 1:1 mixing ratio between base and catalyst makes measuring and mixing easy. Suitable for mixing by hand or mechanically, because it has elevated fluidity and does not require a vacuum. It copies details precisely, has long term dimensional stability, and is resistant to contact with various types of resins, investments and gypsums. Recommended for all duplication techniques.

Base Color: Purple / Catalyst Color: White

4.4 lb. kit (2.2 lb. each) ..... 05000

A polyvinylsiloxane (PVS) impression material, available in three formulas. Mixed in a 1:1 ratio. Lab-Flex 75 (75 Shore-A) offers excellent consistency and workability and is ideal for scanning with CAD/CAM systems. Lab-Flex 85 and Lab-Flex 85 Touch (85 Shore-A) are rigid setting and characterized by an excellent balance between elasticity and final hardness.

Base Colors: Lab-Flex 75: Light Blue, Lab-Flex 85: Green, Lab-Flex 85 Touch: Dark Blue / Catalyst Color: White

Lab-Flex 75 (1600 gram kit) ..... 04000

Lab-Flex 85 (22 lb. kit - 11 lb. ea.) .....

Lab-Flex 85 Touch (22 lb. kit - 11 lb. ea.).....



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# WAXES & RESIN PATTERNS

## Baseplate Wax



**TruWax™**  
*baseplate wax*

A high quality baseplate wax that carves easily at room temperature and boils-out cleanly.

Color: Pink

5 lb. carton..... 08000



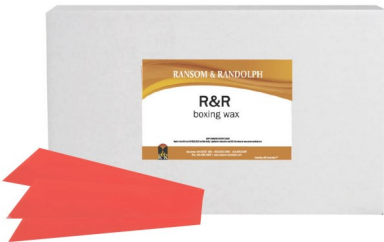
**NeoWax®**  
*baseplate wax*

An all-purpose, high-grade wax that is tough, pliable, and boils out cleanly.

Color: Pink

5 lb. carton ..... 08000

## Boxing Wax



**R&R Boxing Wax**

A flexible, tacky wax for boxing impressions.

Color: Pink

5 lb. carton..... 08100

## Bite Rim Wax



**R&R Bite Rim Wax**

Preformed wax sticks for establishing vertical dimension and arranging artificial denture teeth.

Color: Red

5 lb. carton ..... 08000



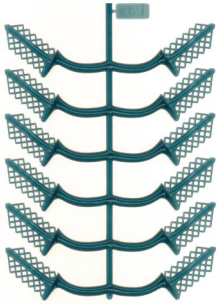
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# WAXES & RESIN PATTERNS

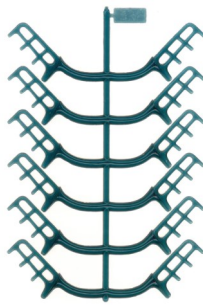
## Flex-Form™ resin patterns



**BR1**  
Lingual Bar  
with Mesh

A proprietary blend of plastic and wax made in a pre-made shape that provides excellent burnout capabilities for optimal castings.

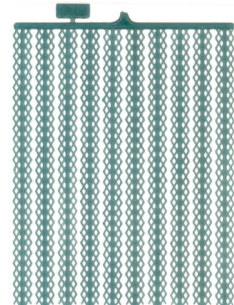
Set of 8 sheets.....BR1



**BR2**  
Lingual Bar  
with Saddle

A proprietary blend of plastic and wax made in a pre-made shape that provides excellent burnout capabilities for optimal castings.

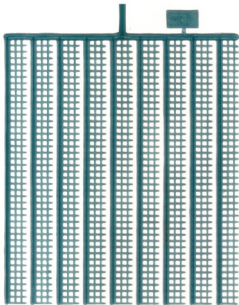
Set of 8 sheets.....BR2



**CR2**  
Diamond  
Mesh  
Retention  
Strips

A proprietary blend of plastic and wax made in a pre-made shape that provides excellent burnout capabilities for optimal castings.

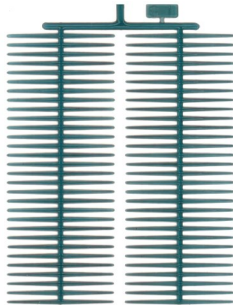
Set of 8 sheets.....CR2



**CR3**  
Bar  
with  
Retention

A proprietary blend of plastic and wax made in a pre-made shape that provides excellent burnout capabilities for optimal castings.

Set of 8 sheets.....CR3



**G1**  
I-Bar Clasp

A proprietary blend of plastic and wax made in a pre-made shape that provides excellent burnout capabilities for optimal castings.

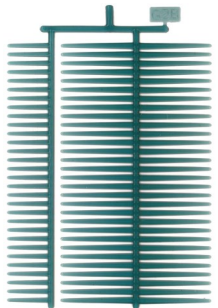
Set of 8 sheets.....G1



**G2A**  
I-Bar Clasp

A proprietary blend of plastic and wax made in a pre-made shape that provides excellent burnout capabilities for optimal castings.

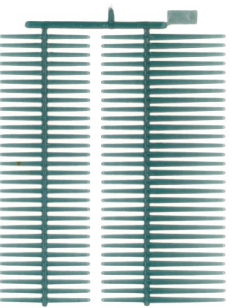
Set of 8 sheets.....G2A



**G2B**  
I-Bar Clasp

A proprietary blend of plastic and wax made in a pre-made shape that provides excellent burnout capabilities for optimal castings.

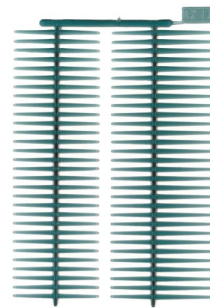
Set of 8 sheets.....G2B



**G2C**  
I-Bar Clasp

A proprietary blend of plastic and wax made in a pre-made shape that provides excellent burnout capabilities for optimal castings.

Set of 8 sheets.....G2C



**G2D**  
I-Bar Clasp

A proprietary blend of plastic and wax made in a pre-made shape that provides excellent burnout capabilities for optimal castings.

Set of 8 sheets.....G2D



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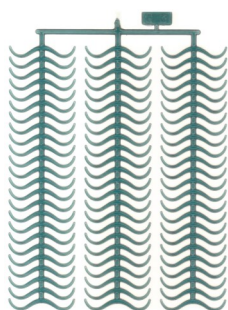


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# WAXES & RESIN PATTERNS

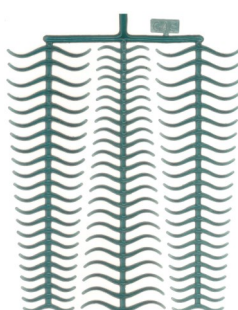
## Flex-Form™ resin patterns



**G3**  
**Akers Clasp**

A proprietary blend of plastic and wax made in a pre-made shape that provides excellent burnout capabilities for optimal castings.

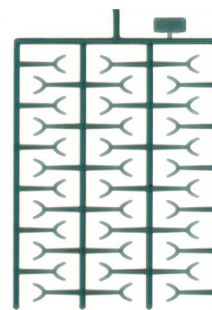
Set of 8 sheets.....G3



**G4S**  
**Clasp**

A proprietary blend of plastic and wax made in a pre-made shape that provides excellent burnout capabilities for optimal castings.

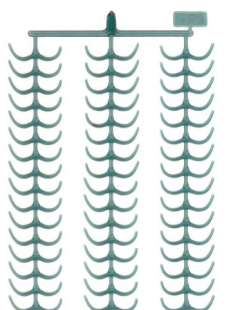
Set of 8 sheets.....G4S



**G5**  
**Roach**  
**Clasp**

A proprietary blend of plastic and wax made in a pre-made shape that provides excellent burnout capabilities for optimal castings.

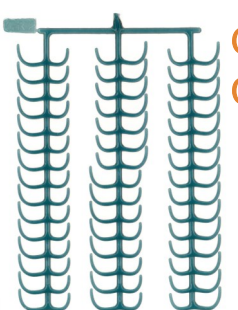
Set of 8 sheets.....G5



**GR1**  
**Clasp**

A proprietary blend of plastic and wax made in a pre-made shape that provides excellent burnout capabilities for optimal castings.

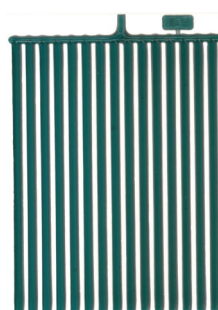
Set of 8 sheets.....GR1



**GR2**  
**Clasp**

A proprietary blend of plastic and wax made in a pre-made shape that provides excellent burnout capabilities for optimal castings.

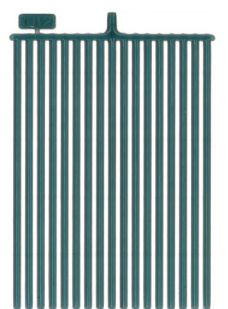
Set of 8 sheets.....GR2



**IB1**  
**Straight**  
**Lingual Bar**

A proprietary blend of plastic and wax made in a pre-made shape that provides excellent burnout capabilities for optimal castings.

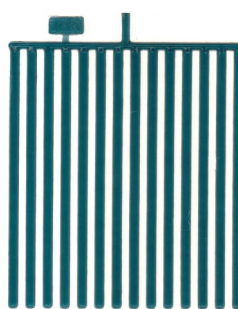
Set of 8 sheets.....IB1



**IB2**  
**Straight**  
**Lingual Bar**

A proprietary blend of plastic and wax made in a pre-made shape that provides excellent burnout capabilities for optimal castings.

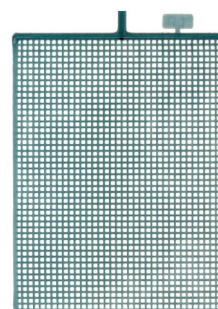
Set of 8 sheets.....IB2



**IB3**  
**Straight**  
**Lingual Bar**

A proprietary blend of plastic and wax made in a pre-made shape that provides excellent burnout capabilities for optimal castings.

Set of 8 sheets.....IB3



**RT1**  
**Mesh**

A proprietary blend of plastic and wax made in a pre-made shape that provides excellent burnout capabilities for optimal castings.

Set of 8 sheets.....RT1



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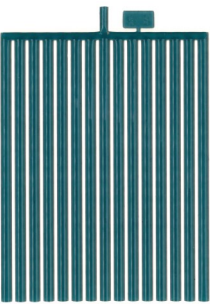
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# WAXES & RESIN PATTERNS

## Flex-Form™ resin patterns



**SB**  
**Lingual Bar**

A proprietary blend of plastic and wax made in a pre-made shape that provides excellent burnout capabilities for optimal castings.

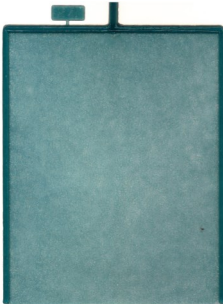
Set of 8 sheets.....SB



**22GA**  
**Stipple**

A proprietary blend of plastic and wax made in a pre-made shape that provides excellent burnout capabilities for optimal castings.

Set of 8 sheets.....22GA



**24GA**  
**Stipple**

A proprietary blend of plastic and wax made in a pre-made shape that provides excellent burnout capabilities for optimal castings.

Set of 8 sheets.....24GA



**Flex-Tack™**  
**solution**

An adhesive liquid formulated to increase adhesion between plastic patterns and models.

2 oz jar (4 count box).....M068750  
32 oz can.....M06700



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# INVESTMENTS

## Phosphate Investments



### Biovest® investment & Universal Expansion liquid

Used to cast precious and nonprecious, high temperature dental alloys, and from printed patterns or traditional wax patterns.

#### Biovest® investment

- 100 gram pouches (qty. 80) ..... 26421
- 400 gram pouches (qty. 30) ..... 26416
- 25 lb. box ..... 264151

#### Universal Expansion liquid

- 32 oz. .... 26410

*Universal Expansion liquid can be used to adjust expansion, but is not required for use with Biovest investment.*



### Oxyplus™ investment & liquid

An oxyphosphate dental investment for making models.

#### Oxyplus™ investment

- 40 lb. pail.....N400043

#### Oxyplus™ liquid

- 1 gallon jug.....N400047



### Multi-Vest® investment & Universal Expansion liquid

A phosphate-bonded dental investment for casting cobalt-chromium and other high fusing precious and non-precious alloys.

#### Multi-Vest® investment

- 400 g. pouch.....M14292
- 33 lb. pail ..... 99010

#### Universal Expansion liquid

- 32 oz. .... 26410

*Universal Expansion liquid can be used to adjust expansion, but is not required for use with Multi-Vest investment.*



### Aquamex™ Water Mix oxyphosphate investment

An oxyphosphate-bonded investment that uses water as a binder. It is used for partial denture fabrication. Burnout in a gas or electric oven.

- 40 lb. pail ..... N400010



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# INVESTMENTS

## Ethyl Silicate Investments



**Chromex™  
investment &  
liquids**

A three-part ethyl silicate partial denture investment. User-friendly, fool proof technique ensures exceptional results. Available in Regular and Fine formulas.

Chromex™ Regular investment

- 47 lb. box..... N400102

Chromex™ Fine investment

- 47 lb. box..... N400108

Chromex™ liquids

- 1 gallon & 500 ml ..... N400117



**Neoloy® 'E'  
investment with  
ABC Binders**

An ethyl silicate investment system for partial denture fabrication.

Neoloy® 'E' investment

- 47 lb. box ..... N400022

ABC Binders

- 3 gallons (1 gallon each)..... N400023

## Gypsum Investments



**Univest™  
investment**

Developed for high reliability and compatibility with low heat partial denture alloys. Univest investment is a gypsum-based dental investment for making refractory models for waxing and casting partial frames. It is recommended to use distilled or deionized water for best possible outcome. Designed for partial denture castings.

- 25 lb. box..... PV2600

- 44 lb. box..... PV2605

## Mold & Pattern Coat



**Protective Coat  
powder & liquid/  
All Purpose  
Protective Coat**

Refractory powders and a specialized liquid binder specifically designed to be used as a wash coat for refractory models made in Perflex® duplicating material and as a face coat for plastic/wax patterns. Can be mixed to your preferred thickness or bought as a pre-made slurry (All Purpose Protective Coat).

Protective Coat powder

- 8.8 lb. pail ..... N026204

Protective Coat liquid

- 1 liter bottle..... N025835

All Purpose Protective Coat

- 200 ml container (multiples of 4)..... N025920



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# ALLOYS & SUPPORT MATERIALS

## Alloys



### Neoloy® Plus CoCr alloy

Neoloy Plus CoCr alloy provides excellent quality for cobalt-chromium cast partial dentures. It delivers excellent homogeneity and precise alloy chemistry with a balanced formulation of cobalt, chromium and molybdenum.

1 kg resealable pouch.....600000

## Casting Rings



### Foil Lined Rings

Foil-lined disposable ring. 3.5" (89 mm) diameter x 3" (75 mm) tall.

200 count carton ..... 71000

## Dips



### R&R Rosin Dips

R&R Rosin Dips are ideal for partial denture refractory models. They offer a low melting point of 250° F (121° C). Available in standard and Hard formulas.

R&R Rosin Dip

• 10 lb. box ..... 06500

R&R Rosin Dip Hard

• 15 lb. box ..... 06000



### R&R Cold Dip

R&R Cold Dip is an environmentally friendly, cold rosin dipping solution for refractory models.

1 gallon pail ..... 06800



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# ABRASIVES

## Aluminum Oxide



### Lab-Blast™ aluminum oxide

Fine blast abrasives used for cleaning appliances and divesting.

44 lb. pail

- 106 aluminum oxide..... 07300
- 125 aluminum oxide..... 07200
- 75 aluminum oxide ..... 07100
- 53 aluminum oxide ..... 07000

## Walnut Shell



### R&R Ground Walnut Shells

An abrasive media to blast, clean and polish. Effective in deburring and deflashing products. Because of its resistance to breakdown, it can be used many times to help lower cost. Provides an excellent finish without scratches or pitting.

50 lb. bag/box

- 12/20.....07400
- 10/12.....07500



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# EQUIPMENT

## Burnout Furnaces



**Vulcan® single-stage  
burnout furnace**

Burnout furnace featuring a single-stage controller that provides faster heating and cooling than full firebrick as well as a longer life and more durability than fiber construction. Each Vulcan includes a 1-year warranty.

S-550 100-120V .....5355730002  
S-550 200-240V .....5355730001



**Vulcan® 3-stage  
burnout furnace**

Burnout furnace featuring a three-stage controller that provides faster heating and cooling than full firebrick as well as a longer life and more durability than fiber construction. Available in two standard muffle sizes. Each Vulcan includes a 1-year warranty .

3-130 200-240V ..... 5355740001  
3-130 100-120V ..... 5355740002  
3-550 200-240V ..... 5355740003  
3-550 100-120V ..... 5355740004

## Vulcan Burnout Furnace Spare Parts

Clutch & Coupling Assembly .....9491056  
Encoder .....SRM-02844  
Exhaust Port Plug, 1" Kit .....9491093A  
Insulation, Door-130 .....9493325  
Insulation, Door-550 .....9493365  
Membrane Switch 3-130 ..... FP-02899  
Membrane Switch 3-550 ..... FP-02881  
Motor; Spring .....9356001  
Rubber Foot .....9390616  
Service Board 3-Stage.....DENT3STAGE  
Service Board Single-Stage.....DENTA  
Service Muffle 550 120V .....9493471  
Service Muffle 550 230V .....9493423

Service Muffle Assy 130 120V ..... 9493422  
Service Muffle Assy 130 230V ..... 9493420  
Shelf: Free Standing Model 550 ..... 9493327  
Switch .....1835.3118  
Switch, Door ..... 9493338  
Thermocouple ..... TC-005  
Tongs, MFG..... 9491010A  
Tray: Bottom Model 130..... 9353053  
Tray: Bottom Model 550..... 9353057  
Vulcan 120 Volt Power Cord.....FP-02842  
Vulcan 240 Volt Power Cord.....FP-02839  
Vulcan 240 Volt Power Cord Euro .....FP-02841



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# EQUIPMENT

## Duplicating Units



Neycraft™  
duplicating unit

An innovative and user-friendly duplicating unit. Offers precise and reliable operation as well as a power saving on/off feature for an extended motor life. Will run a complete cycle and return to holding temperature within 3 hours. Offers a programmable timer for delayed starts and the ability to adjust features easily. Comes preprogrammed and ready-to-use.

3 gallon unit .....	535570000
5 gallon unit .....	5355731000

## Centrifugal Casting Machines & Spare Parts



Neycraft™  
centrifugal  
casting machine

Neycraft™ centrifugal casting machine  
Spare Parts

Counterbalance Weight .....	9491066
Crucible Former 2.0 Dia.....	9357118

Used to melt and cast metal into the replica investment cavity by centrifugal force. Designed with a number of unique operating features:

- Built-in protective safety shield
- Easy winding/locking and release mechanism
- Instant balance with counterbalance weight
- Universal flask carriage to accommodate flasks up to 4" x 4"
- Two-way mounting base for quick setup and storage

Neycraft™ centrifugal casting machine .....	9491045
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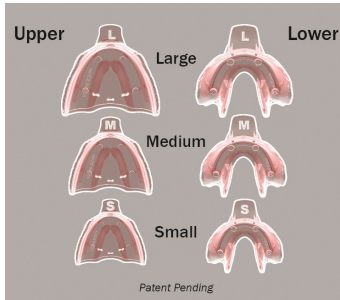
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# IMPRESSION TRAYS

## Massad® Trays

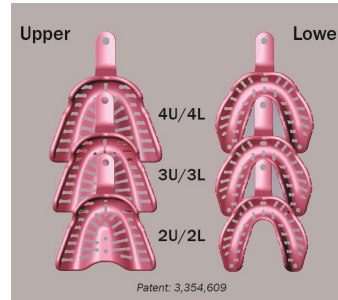


### Massad® Overdenture Low Temp Tray

Thermoplastic moldable in a hot water bath. For overdentures and selective partial dentures. Available in three upper sizes (small, medium, large) and three lower sizes (small, medium, large). Set of twelve trays includes two of all sizes. *Patent Pending.*

Color: Translucent Pink

Set of 12 trays .....745794

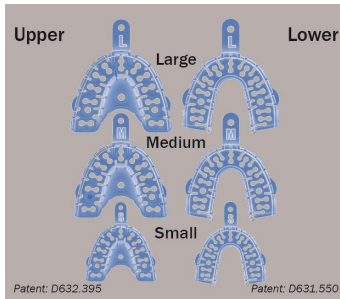


### Massad® Edentulous Low Temp Tray

Thermoplastic moldable in a hot water bath. For edentulous and implant patients. Available in three upper sizes (2U, 3U, 4U) and three lower sizes (2L, 3L, 4L). Set of twelve trays includes two of all sizes. *Patented.*

Color: Opaque Pink

Set of 12 trays..... 689318  
 12 size 2 upper trays..... 6893182U  
 12 size 2 lower trays..... 6893182L  
 12 size 3 upper trays..... 6893183U  
 12 size 3 lower trays..... 6893183L  
 12 size 4 upper trays..... 6893184U  
 12 size 4 lower trays..... 6893184L

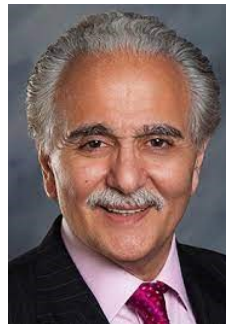


### Strong Massad® DenPlant™ Low Temp Tray

Thermoplastic moldable in a hot water bath. For partials, immediates, implants, crowns & bridges, and orthodontic models. Available in three upper sizes (small, medium, large) and three lower sizes (small, medium, large). Set of twelve trays includes two of all sizes. *Patented.*

Color: Translucent Blue

Set of 12 trays .....687035



Massad® impression trays help practitioners create a sophisticated fit to complement the beautiful smiles they create for their patients. They deliver incredibly accurate impressions while maintaining productivity.

*"I am pleased to bring my revolutionary impression trays back to the market and announce my partnership with Ransom & Randolph.*

*My trays are a perfect fit with R&R's existing dental line. As one of the oldest dental suppliers and a global leader in dental stones and model making, teaming up with R&R just made sense. Plus, finding my trays is now easier than ever R&R's distribution partners, global logistics, and e-commerce options."*

- Dr. Joseph J. Massad, DDS



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# R&R's DENTAL ROOTS



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