

Mold Making Supplies



MOLD NOTCHES

Plastic half spheres used to form perfect keys in plaster molds. Sold in pairs (male & female). Excellent for making long lasting easily keyed molds.

Diameter	Pair	100 pairs
3/8"	.80	.40
1/2"	.70	.35
5/8"	1.00	.50
1"	.85	.42

MOLD KNIVES

This new all wood tool is a new concept in mold trimming. Because the cutting portion of the tool is wood, the possibility of mold damage is greatly reduced.



MKN 8" Wooden Blade **\$4.49**

PLASTIC DOUBLE MOLD TRIM KNIFE

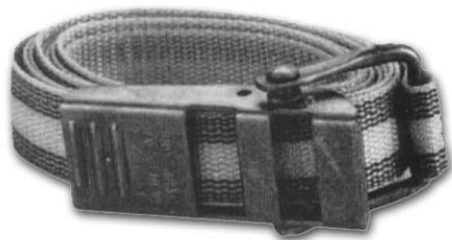


10" **\$1.49**

MOLD STRAPS

Universal banding straps with fastener lock. Low tension, release with ease. Available in lengths from 30 inches to 12 feet. All straps are 1 inch wide and made from 1000 pound test nylon.

Length	Color	Each
30 in.	Brown	2.15
3 ft.	Yellow	2.40
4 ft.	Green	2.65
5 ft.	Blue	2.90
6 ft.	Orange	3.15
7 ft.	Red	3.40
8 ft.	Gold	3.65



MOLD SOAP

Concentrated soap to release original from plaster molds.

Pint	\$ 3.85
Quart	\$ 6.60
Gallon	\$15.40

RUBBER BANDS(UV)

Heavy duty bands for molds. Resistant to ultra violet light.

Length	Each	1 Lb. Bag
4"	.10	3.50
5"	.15	3.50
6"	.20	3.50
7"	.25	3.50
8"	.30	3.50
9"	.35	3.50



AIR ROPE

1 - 50 feet **\$0.28** per foot
Over 50 feet **\$0.20** per foot

LATEX #74

White Casting Latex, made from a low ammonia base material that is fairly fast drying.

Quart	\$13.50
Gallon	\$39.00
5 Gallon	\$160.00

LATEX 10 WHITE

A general purpose mold making and casting compound with a 60% solids content and bright white color. Can be colored by the addition of universal tinting colors for slush casting into plaster molds when making hollow rubber parts. Works well for making molds for plaster and cement.

Pint	\$6.95
Quart	\$11.95
Gallon	\$36.95
5 Gallon	\$149.00

HEMP CASTING FIBER

This bulky and lightweight materials the best available for filling and backing plaster molds. It not only reduces the weight, but will hold the piece together and help prevent cracks from forming into complete breaks.

1 lb	\$8.30
5 lb	\$38.75
10 lb	\$71.50
Bale	\$149.00



ARMATURE WIRE

Aluminum with which is non-corrosive, lightweight, fully pliable, and non-staining. Comes in coils.

1/16"	30 feet long	\$4.00
1/8"	20 feet long	\$6.00
3/16"	10 feet long	\$7.50
1/4"	10 feet long	\$9.75
3/8"	10 feet long	\$14.75

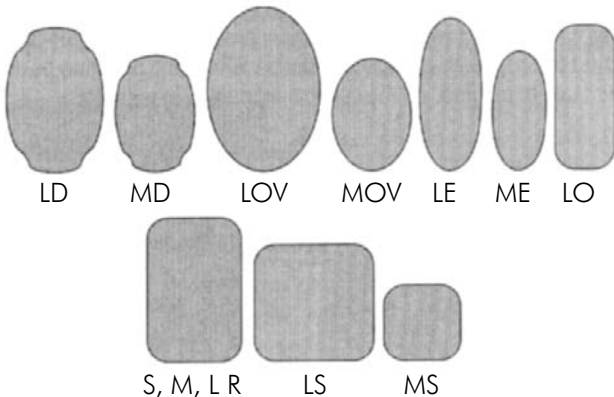
Mold Making Supplies

Slumphump Molds

SLUMPHUMP MOLDS

The Slumphump is a durable plastic mold system from which you can inexpensively create an endless range of "handmade" ceramic items. Available in eleven popular shapes and sizes ranging from a 9" x 9" square to an 11" x 17" large platter (deco) shape. Each Slumphump is a reversible plastic mold from which you can easily create either "slump" (concave) or "hump" (convex) plaster molds.

By draping a clay slab over or into your plaster molds, you can produce any of 11 square, rectangular or oval forms ideal for functional items (baking dishes, platters, etc.) or equally as well suited for creating a basic shape from which you can then create your own special work of art. Perhaps its greatest benefit, the Slumphump is excellent for both production potters desiring to make multiple copies of the same item, or studio artists and students who want to start with a basic form from which a unique creation can begin!



Large Deco	1" x 11" x 17"	\$45.00
Medium Deco	1" x 9" x 13"	\$40.00
Large Oval	1" x 11-1/4" x 19"	\$55.00
Medium Oval	2-1/4" x 9-1/4" x 13"	\$40.00
Medium Ellipse	2-1/4" x 6" x 14"	\$40.00
Large Ellipse	2-1/4" x 7" x 18"	\$45.00
Large Oblong	2-1/4" x 7" x 17"	\$45.00
Large Rectangle	1" x 11" x 17"	\$45.00
Medium Rectangle	2-1/4" x 10" x 14"	\$40.00
Small Rectangle	2-1/4" x 7" x 11"	\$35.00
Large Square	1" x 14" x 14"	\$45.00
Medium Square	2-1/4" x 9" x 9"	\$40.00

Modeling Clays

ROMA PLASTELINA

Permanently pliable and reusable modeling clay of medium consistency.

#1 - Soft
#2 - Medium
#3 - Firm
2lb. Block

1 Case (20 blocks) **\$124.50**



LAGUNA DRY HARD CLAY

Self hardening artist clay for school, home, and arts and crafts, which dries leather hard in 24 hours and rock hard in several days without firing. Decorate with acrylic paints.

Available in white or terra cotta.

2 lb. box **\$5.90**
25 lb. box **\$45.85**

LAGUNA OVENCRAFT CLAY

OvenCraft clay can be modeled, sculpted or thrown on a potter's wheel. It has unique properties that make it fire hard in a 350 degree kitchen oven. After firing, the terracotta clay can be painted with acrylic, enamel, tempera, or watercolors. It can also be waterproofed with commercial sealers.

4 lb. box **\$9.20**
25 lb. box **\$42.50**

KLEEN KLAY

Kleen Klay is a non-drying, non-hardening, non-sulfur modeling clay for a variety of applications. It is also non-toxic, sanitary, and odorless. Kleen Klay has a smooth, firm consistency to retain the shape into which it is molded. Easy to handle and work with, Kleen Klay, is easily hand-pliable at room temperature.

Available in red, yellow, blue, green, brown, gray-green, terra-cotta, orange, natural, cream and gray.

1 lb. box **\$2.95**



Mold Compounds - Synair

ClayPeople is Synair's Northern California Distributor. Synair is a leading manufacturer of flexible mold making compounds and cold cast resins. They also make a full line of complimentary products such as mold releases, fillers, and coloring.



Synair Tip

Doug Johnson
President/Owner

Instead of using Latex, try the TA version (thixotropic for vertical surfaces) in the standard Por-A-Mold series. Unlike latex, thick multiple coats can be applied on top of each other without waiting for them to dry. Your mold can be completed in one day!

POR-A-MOLD SERIES 2000

This is Synair's newest and best line of polyurethane molding systems. These high quality products contain no pigments or filler. This product is translucent, allowing you to see your piece in the mold. This mold system is characterized by strength, durability and ease of use. All are easy one-to-one mixing ratios. The 2000 series is available in "Shore A" hardness' from 24 to 70.

Product	Shore A Hardness
2020	24
2030	28
2040	44
2060	58
2070	70

STANDARD POR-A-MOLD SERIES

The Standard Por-A-Mold Series has been Synair's main polyurethane molding system for years. Molds from this system have proven to be durable and long-lasting. These products come in colors. They are available in a thixotropic (TA) version for painting on vertical services. The regular version can be blended with the TA version to obtain the exact viscosity you require in a molding system. All are easy one-to-one mixing ratios. The Standard Series is less expensive than the 2000 Series. The Standard Series is available in "Shore A" hardness from 20 to 50.

Product	Shore A Hardness
S111	20
S111 TA	20
S333	33
S333 TA	33
S555	55
S555	55
S555 TA	55

TA = Thixotropic (For vertical surfaces)

SILICONE MOLDING SYSTEMS

This series is made from the highest quality silicone. Silicone is more durable than polyurethane. It is recommend for use with longer runs of cold cast resins because the heat generated by these resins tend to break down polyurethane.

Product	Shore A Hardness
SI-12	12
SI-25	25

POR-A-KAST

Por-A-Kast is Synair's cold casting line. Por-A-Kast is durable, it can be sanded and drilled, and it duplicates detail beautifully. For color, you can either paint Por-A-Kast, or you can use pigments in it. You can add bronze powders or marble dust to give it the appearance of bronze or marble. The possibilities are endless!

Product	Color	Pot Life
Clear Casting Resin	Clear	16 Min.
Flexible Casting Resin	Light Brown	5-6 Min.
Mark 1	Off-White	2 Min.
Mark 2	White	2 Min.
Mark 3	White	3 Min.
Mark 15	White	15 Min.
Amber Cast	Amber	3 Min.

POR-A-KAST TA

A spreadable thixotropic paste, designed for vertical surfaces with a working life of at least 15 minutes. Dries hard and rigid. Excellent for back-up "mother molds".

Mold Compounds - Synair

Release Agents

SYNLUBE 531

Synlube 531 is a non-silicone wax-based release agent specifically formulated for use with Synair's flexible urethane molding system Por-A-Mold and Synair's urethane casting system Por-A-Kast. It can also be used with other polyurethanes, epoxies, polyester resins, and silicone rubbers.

SYNLUBE 1000

Synlube 1000 is a universal silicone-based release agent formulated for the release of both low and high temperature cured pieces from all types of molds



Synair representative Herb Kurrle demonstrates how to apply Por-A-Mold TA at a free ClayPeople seminar.

Fillers

Por-A-Kast can be mixed with many different products for texture, color and weight. Fillers also extend Por-A-Kast, thus reducing cost. All fillers must be completely free of moisture. Synair offers the following fillers.

LIGHT AND DARK BRONZE POWDERS

These can be added to give your piece the look and heft of a bronze piece. The finished product can be colored using cold patinas, and can be polished with fine steel wool. Use 2 parts by weight bronze powder to 1 part by weight urethane polymer.

LIGHT AND HEAVY GLASS FILLERS

These fillers can be added to reduce or increase weight and also to extend the casting material. Light Glass Filler, called MicroBulb, is made of tiny micro glass bubbles. The Heavy Glass Filler is made of solid glass spheres.

SYN-CELL FILLER

This is a fibrous material used to reduce the weight in decorative Por-A-Kast pieces.

PASTE PIGMENTS

These are powerful colors used to mix in the Por-Kast casting material. Pigments should be mixed in the prepolymer (Part A) and curative (Part B) before combining them together.

Misc. Synair Products

POR-A-FOAM

Por-A-Foam is a two-part foam system that rises 15 times its original size upon mixing. It is commonly used as backup mold material and void-filler. Por-A-Foam is mixed one-to-one by volume and cures to a 4-5 lb./cu. ft. density, yellow foam. Por-A-Foam may be poured into a void or applied with a two-part spray pumping system.

SMOOL

Smool is used as a smoothing oil for the outside surface of uncure flexible molds before applying a rigid outer housing or mother mold.

MOLD MAKING TECHNIQUES & METHODS VIDEO

This video is a step-by-step guide to constructing, mixing, and casting one and two piece flexible molds with Por-A-Mold, Por-A_Mold TA, and Por-A-Kast. May be rented for free. Full purchase price is deposit, which is refunded when returned.

POR-A-MOLD TA KEY SYSTEMS

The key systems used with Por-A-Mold TA in the Mold Making Techniques and Methods Video. The small key system has 60 keys per sheet. The large key system 12 keys per sheet.

Synair Pricing

Por-A-Mold Series 2000

Description	Color	2 Qt.	2 Gal.	10 Gal.
Por-A-Mold 2020	Transparent	56.87	126.00	492.00
Por-A-Mold 2030	Light Amber	56.87	126.00	492.00
Por-A-Mold 2040	Light Amber	56.87	126.00	492.00
Por-A-Mold 2060	Light Amber	56.87	126.00	492.00
Por-A-Mold 2070	Light Amber	70.40	127.00	708.00

Standard Por-A-Mold Series

Description	Color	2 Qt.	2 Gal.	10 Gal.
Por-A-Mold S111	Off-White	35.00	106.00	427.00
Por-A-Mold S111 TA	Off-White	40.00	114.00	484.00
Por-A-Mold S333	Blue	35.00	99.00	428.00
Por-A-Mold S333 TA	Blue	40.00	114.00	484.00
Por-A-Mold S555	Pink	35.00	99.00	427.00
Por-A-Mold S555 TA	Pink	40.00	114.00	484.00

Silicon Molding Systems

Description	Color	1-1/8 Gal.	5-1/2 Gal.
Sil-Mold SI-12	Yellow	117.00	517.00
Sil-Mold SI-25	Light Blue	117.00	517.00

Por-A-Kast

Description	Color	2 Qt.	2 Gal.	10 Gal.
Clear Casting Resin	Clear	76.00	202.00	769.00
Por-A-Kast Mark 1	Off-White	26.00	72.00	297.00
Por-A-Kast Mark 2	White	36.00	95.00	392.00
Por-A-Kast Mark 3	White	28.00	77.00	314.00
Por-A-Kast Mark 15	White	72.00	182.00	729.00
Amber Kast	Amber	-	72.00	297.00
Por-A-Kast TA	White	48.00	114.00	538.00

Description	Color	5 Qt.	5 Gal.	25 Gal.
Flexible Casting Resin	Brown	84.00	245.00	699.00

Release Agents

Description	Aerosol Can	1 Qt. Bulk
Synlube 531	8.00	13.00
Synlube 1000	7.00	15.00

Fillers

Description	1 Qt.	1 Gal.	5 Gal.
Dark Bronze Powder	53.00	175.00	811.00
Light Bronze Powder	48.00	137.00	592.00

Description	1 Gal.	5 Gal.	60 lb. Box
Micro Bulb Filler	12.00	50.00	412.00
Solid Sphere Filler	21.00	73.00	-

Description	Bag - 36 lbs.
Syn-Cel Filler	54.00

Pigments

Description	1/2 Pt.	1 Pt.
White Pigment	8.00	11.00
Yellow Pigment	11.00	16.00
Black Pigment	12.00	18.00
Blue Pigment	9.00	13.00
Red Pigment	40.00	45.00

Misc. Synair Products

Description	Color	2 Qt.	2 Gal.	10 Gal.
Por-A-Foam	Yellow	30.00	97.00	440.00

Description	Each
Small Key System	7.00
Large Key System	12.00

Plaster



ClayPeople is the Northern California distributor for USG plasters. For individual product data sheets see www.gypsumsolutions.com, or ask us and we will give you one for free. Consistency represents the number of lbs. of water mixed for every 100 lbs. of plaster. Contact ClayPeople staff for assistance choosing the right plaster to fit your project.

CERAMIC PLASTERS

CERAMICAL

Low consistency gypsum cement. Smooth wearing mold material for use in pressing clay ware. Characterized by low absorption and specified for use with RAM automatic forming equipment. Consistency: 40.

POTTERY PLASTER #1

Highly uniform, noted for outstanding performance and long life. The standard of the industry, it is the best material available for slip casting or jigger molds. Consistency: 70.

PURITAN PLASTER

Slightly more dense, longer wearing mold material recommended for jiggering applications. Most wearresistant plaster made for molds. Consistency: 66.

STATUARY PLASTERS

HYDROSTONE

Develops the highest compressive strength of any gypsum cement. Strongest and fastest super-strength gypsum cement available. Consistency: 32.

TUFSTONE

This gypsum cement is a polymer modified, fibered casting material specifically manufactured for solid cast giftware applications. TufStone has been formulated with polymer and fiber to provide superior impact strength and resiliency, resulting in improved chip resistance and reduced breakage. Consistency: 32.

GENERAL USE PLASTERS

30 MINUTE CASTING PLASTER

This general use industrial plaster has a formulation that provides greater strength and chip resistance than regular plaster. It has similar working properties to Hydrocal White. Consistency: 70.



USG representatives lead a free seminar on plaster at ClayPeople.

HYDROCAL WHITE

White gypsum cement that can be carved or built-up. It is a good choice for finished pieces such as sculptures, lamp bases and architectural elements. Consistency: 45.

NO. 1 CASTING PLASTER

Similar to 30 Minute Casting Plaster, but with a less porous surface because of surface hardeners added for strength. Use consistency: 65.

TOOLING AND MASTER MOLDS PLASTERS

HYDROCAL B-11

Low expansion and dimensional accuracy. Plasticity for more gradual setting action makes it more suitable for buildup or template-formed models. Consistency: 42.

ULTRACAL 30

Surface hardness and compressive strength are higher and setting expansion is lower than Hydrocal B-11, but has similar workability and setting characteristics. Consistency: 38.

SPECIAL APPLICATION PLASTERS

DENTAL PLASTER, LAB.

This is a general dental application plaster with a set time between 6 and 9 minutes. Consistency: 70.

HYDROCAL FGR 95

Unique, high strength gypsum cement for use with glass fiber for fabricating reinforced gypsum cement products. Consistency: 25-30.

GARDENCAST

A uniform white color cement that takes paint handily and provides great performance regardless of cast size. No toxic compounds, requires no special solvents, and is designed specifically for use outdoors. Mixed 50/50 with sand. Consistency: 12.5.

Plaster

Plaster Pricing

Product	50#	100#	500#	1,000#	2,000#	4,000#	8,000#
Casting Plaster 30 min	25.60	48.50	43.70	41.90	38.00	35.60	34.60
Ceramical	34.60	65.50	58.90	56.80	51.40	48.20	46.80
Dental Plaster, Lab.	24.70	46.70	41.90	40.60	36.70	34.30	33.30
Garden Cast	46.30	87.50	78.60	76.00	68.80	64.40	62.50
Hydrocal B-11	31.80	59.90	53.90	52.10	47.10	44.10	42.90
Hydrocal FGR-95	35.10	66.40	59.80	57.70	52.20	48.80	47.50
Hydrocal White	28.80	54.70	49.10	47.30	43.00	40.10	39.10
Hydrostone	31.90	60.20	54.20	52.30	47.30	44.30	43.10
No. 1 Casting Plaster	19.30	36.60	33.00	31.90	28.80	27.00	26.10
Pottery Plaster No. 1	21.00	39.70	35.70	34.50	31.40	29.20	28.40
Puritan Plaster	24.10	45.50	41.00	39.40	35.60	33.40	32.50
TufStone	38.80	73.40	66.10	63.70	57.70	54.00	52.40
Ultracal 30	30.40	57.70	51.90	50.20	45.40	42.50	41.20

Prices are per 100 lbs. or fraction thereof. Please combine plasters for volume discounts.

Plaster Additives

SODATE RETARDER

By adding a small amount of Sodate Retarder, the setting time of plaster or gypsum can be delayed. A quarter to two tablespoons is all that is needed per 100 pounds of plaster. Dissolve in water before adding plaster.

1 lb. **\$6.30**
5 lbs. **\$5.21/lb.**

USG PLASTER RETARDER

More powerful than Sodate Retarder. Extends plaster set time by 30 to 40 minutes, or more.
1.25 lb. tub **\$11.95**

DEXTRIN

A 2% to 4% addition of Dextrin to plaster/gypsum will increase the surface strength and aid in resistance to abrasion of finished pieces. Dissolve in water before adding plaster/gypsum.

1 lb. **\$3.38**
5 lbs. **\$2.49/lb.**

TERRA ALBA #1

An accelerator used to speed up the set time of most plaster and gypsum cements.

1 lb. **\$2.26**
5 lbs. **\$1.44/lb.**



Plaster Tip

Presley Martin
Customer Service

Ask us to help you find the plaster to fit your specific needs. We have the largest selection of USG plasters in Northern California.

We also have lots of free literature that contains specifications, mixing instructions and other valuable information.

USG's web page www.gypsumsolutions.com also contains helpful information, including all USG literature.