

SLIPCASTING SUPPLIES

Quantity discounts apply on multiples of the same item.

Rubber Bands

American-made red rubber bands, 5/8" wide, packaged in bags of one pound each.



Count per bag varies with weight of individual bands, and are approximate. Last digit of item number matches the rubber band's size in inches. All rubber bands are net-priced.

- RB104 (~63 per bag) \$5.75
- RB105 (~41 per bag) \$5.75
- RB106 (~36 per bag) \$5.75
- RB107 (~34 per bag) \$5.75
- RB108 (~28 per bag) \$5.75
- RB109 (~26 per bag) \$5.75

Banding Straps

We recommend the use of banding straps for molds over 6 to 10 inches. Straps hold the parts together securely in storage to prevent warping. Straps also hold the parts together better when pouring, and they will not weaken or break down over time.

- | | | |
|------------------------|------------|------------|
| <i>When you buy...</i> | <u>1-9</u> | <u>10+</u> |
| UBS3 Yellow, 3ft | \$2.99 | \$2.00 |
| UBS4 Green, 4ft | \$3.25 | \$2.25 |
| UBS5 Blue, 5ft | \$3.35 | \$2.35 |
| UBS6 Orange, 6ft | \$3.50 | \$2.50 |
| UBS8 Pink, 8ft | \$3.75 | \$2.75 |

How to Use Banding Straps

Fold the U-shaped buckle under the tongue plate (the part that has three horizontal grooves.)



Wrap the strap around the mold. Make sure it isn't twisted. End of strap goes through BACK slot.



Bend the strap forward OVER the crossbar DOWN thru front slot.



Adjust the position of the strap around the mold. You need a couple inches of slack.



Flip the tongue plate forward to tighten the strap. It should not take major force to tighten and buckle the strap.



Hanson Mixers

Hanson mixers' radical toothed design works fast with a minimum of trapped air. They also do a good job with glazes that have thickened or settled out.



- HM002 ... 2 1/4" head, 13"L \$17.99
- HM003 ... 3-3/16" head, 17"L \$22.50
- HM003L ... 3-3/16" head, 22"L \$24.95
- HM006 ... 5-7/8" head, 23 1/2"L \$56.50

MENDERS & FIXERS



These menders work best when mixed into a slurry with a small amount of the

clay used in the piece you want to fix.

Marx Menders

- HFM (for high-fire, 2oz) \$7.89 (net)
- MAGMD (for lowfire, 4oz) \$8.49 (net)

Patch-a-Tatch (Lowfire)

- | | | | |
|----------------------|------------|-----------|------------|
| <i>When you buy:</i> | <u>1-5</u> | <u>6+</u> | <u>12+</u> |
| SY545 (4oz)..... | \$2.90 | \$2.32 | \$2.03 |

Sculpture Paste (for nonfired repair only)

- | | | |
|----------------------|------------|-----------|
| <i>When you buy:</i> | <u>1-5</u> | <u>6+</u> |
| AC527 (4oz)..... | \$3.55 | \$2.68 |

APT II Enhancers

- MS675 (Ceramic) \$7.99 (net)
- MS677 (Porcelain) \$8.99 (net)

APT II Mend-a-Mold

A ready to use adhesive for repairing plaster ceramic molds. Apply Mend-A-Mold on the broken pieces, remove excess with a wet sponge, and press them together. Apply pressure while the adhesive sets, and the mold will be ready to use in 2 to 3 hours.

- MS678 (2oz) \$6.49 (net)

TEST YOUR SLIP

1. Weigh it on a kitchen scale.

The correct weight of a pint of slip (minus the weight of the jar) is 27.2 to 28 ounces. Adjust with water if slip is too heavy, or add clay if too light.

2. Use a viscosimeter to drip test.

This tests the flow rate, which affects pouring and draining your molds. We like a reading of 36 to 40 seconds. Adjust the flow rate carefully, if necessary, with Darvan.

3. Some molds need different slip consistencies.

Molds for very small or delicate objects (like Christmas ornaments) or molds with very small pour holes may need thinner, more liquid slip. Adjust or thin small quantities of your slip separate from the main body of your slip batch.

Make Your Own Viscosimeter

Start with an 18" length of 2" PVC pipe, readily available from any hardware store. You will need a cap for one end of the pipe. Drill a 1/4" hole in the cap, and screw it onto the pipe. Fill the tube to the top, using your finger as a stopper in the drilled hole. Move your finger to begin the flow. Time how long it takes to empty the tube. Stop your count when there is a break in the steady flow of slip. This should take 35-40 seconds, as mentioned above.

Adjusting Your Slip

When mixing your own slip, overdeflocculation is a major concern. Errors in this area are often NOT CORRECTIBLE. Use sodium silicate sparingly, a little at a time. DO NOT ADD IT ALL AT ONCE: add only as needed. If you reach the maximum amount for your batch size and slip is still not flowing at the desired rate, you can use Darvan at up to 1 ounce per 100 dry pounds.