

### MOLD RELEASES

CASTING MATERIAL	LATEX MOLD	URETHANE MOLD	SILICONE MOLD	FIBERGLASS MOLD	GLASS MOLD
POLYESTER	None, or TAP PVA, or Pol-Ease 2300	Pol-Ease 2300, or PVA, Rocket Release	None	Clean`N Glaze & Formula 5 Wax, or PVA	None
URETHANE (X-30, Quik Cast, etc.)	None, or PVA, or Pol-Ease 2300	Pol-Ease 2300, Rocket Release	None	PVA, or Pol-Ease 2300	Pol-Ease 2300, or Formula 5 Wax, or TAP Brown Wax, or PVA
EPOXY	PVA, or Pol-Ease 2300	Pol-Ease 2300, or PVA, Rocket Release	None	Clean`N Glaze & Formula 5 Wax, or PVA, or Pol-Ease 2300	Pol-Ease 2300 or PVA
PLASTER	1% liquid detergent in water	Potters Soap, or Murphy`s Oil Soap (reduces surface bubbles)	Potters Soap, or Murphy`s Oil Soap (reduces surface bubbles)	Formula 5 Wax, or TAP Brown Wax, or Potters Soap	Formula 5 Wax, or TAP Brown Wax, or Potters Soap
LOW-MELT METALS	Not Recommended	Not Recommended	Metals up to 350F: Heat mold to 150F Talc dusting	Not Recommended	Not Recommended
CEMENT	1 part castor oil to 5 parts denatured alcohol	Pol-Ease 2300	None	Formula 5 Wax, or TAP Brown Wax	Formula 5 Wax, or TAP Brown Wax

### PATTERN RELEASES

Mold release is applied to the mold to prevent the casting material from sticking. Pattern release is applied to the original master to prevent the mold making material from sticking to it.

PATTERN MATERIAL	LATEX MOLD	URETHANE MOLD	SILICONE MOLD
PLASTER (Seal with shellac or lacquer)	None, or Formula 5 Wax, or TAP Brown Wax, or a combination of TAP Green Wax and PVA	Pol-Ease 2300, or Formula 5 Wax, or TAP Brown Wax, or a combination of TAP Green Wax and PVA	None if pattern is sealed.
WOOD (Seal with shellac or lacquer)	None, or Formula 5 Wax, or TAP Brown Wax, or a combination of TAP Green Wax and PVA	Pol-Ease 2300, or Formula 5 Wax, or TAP Brown Wax, or a combination of TAP Green Wax and PVA	None if pattern is sealed.
STONE (Seal with shellac or lacquer of porous)	None, or Formula 5 Wax, or TAP Brown Wax, or a combination of TAP Green Wax and PVA	Pol-Ease 2300, or Formula 5 Wax, or TAP Brown Wax, or a combination of TAP Green Wax and PVA	None if pattern is sealed
HARD PLASTIC (Acrylic, styrene, etc.)	None	Pol-Ease 2300, or TAP Brown Wax, or Formula 5 Wax	None
CLAY (Seal with lacquer or shellac)	None	Pol-Ease 2300, or PVA	None
METAL	None, bronze, copper, & other non-ferrous metals must be sealed first.	Pol-Ease 2300, or Formula 5 Wax, or TAP Brown Wax	None
GLASS	None	Pol-Ease 2300, or Formula 5 Wax, or TAP Brown Wax	None. Test first, some unsealed ceramic and glass surfaces will stick.

These charts represent only a sampling of the many casting media and mold products available. Casting and mold making involves experimentation. Always test products for your situation prior to use.