

# Pen Casting Resins

Resin	Type	Shelf Life	Working Time	Demold Time	Pressure Pot	Mix	Temp	Pressure	Notes
Royal Palm									
Original Formula	Epoxy	1 Yr	1 Hr.	24 Hrs	Recommended	1:1 By Volume	80F	40-50 psi	May use heat gun on mix to release bubbles
Thin	Epoxy	1 Yr	1 Hr.	24 Hrs	Helpful, but casts well without	2:1 By Volume	80F	40-50 psi	Add'l 24 Hrs to Fully Harden
Alumilite									
Clear	Epoxy	3 Mo	7 Min	45-60 Min		1:1 By Weight			Full Cure 5-7 Days Room Temp, 2-4 Hrs @150 F
Clear Slow	Epoxy	3 Mo	12 Min	2-4 Hrs					
Polyester									
Silmar 41, Castin' Craft	Polyester		15-20 Min	1 - 24 Hrs		Varies by Thickness			
Liquid Diamonds									
	Epoxy	6 Mo - 1 Yr	30-40 Min	24 Hrs.	N/R for most applications	2:1 by Weight			