

SILVER METAL CLAY REFERENCE INFORMATION										
Clay Name	Manufacturer	Available forms	Firing Temperature		Firing Time		Carbon Required	Shrinkage	Torch firable	Notes
			Lowest	Highest	Lowest	Highest				
ArtClay Paper	AIDA Chemical Industries	Paper type	1472F/800C		30 minutes		No	8-10%	No	
ArtClay Silver	AIDA Chemical Industries	Lump, Paste, syringe	1200F/650C	1600F/870C	5 minutes	120 minutes	No	8-9%	Yes	Increase firing time for lower temperature firing schedules. Ex- 1200°F / 650°C for 30 minutes
ArtClay Silver 950	AIDA Chemical Industries	Lump	1598F/870C		150 minutes		No	11-13%	No	Kiln Fire: 2 Stage - Open Shelf 932°F / 500°C - 30 minutes 1598°F / 870°C - 1 hour
ArtClay Silver Overlay paste	AIDA Chemical Industries	Paste	1200F/649C		30 minutes		No	8-9%	No	
Aussie .999 Silver Low Fire Origami	Aussie Metal Clay	Lump	1295F/700C	1517F/825C	45 minutes	180 minutes	No	10-15%	Yes	Firing temp and time will depend on thickness of clay. Test strips recommended. Standard ramp speed of 4 or 1526F/830C.
Aussie .999 Silver Ultimate Premium	Aussie Metal Clay	Lump	1295F/700C	1517F/825C	45 minutes	180 minutes	No	10-15%	Yes	Firing temp and time will depend on thickness of clay. Test strips recommended. Standard ramp speed of 4 or 1526F/830C.
Aussie 960 Sterling (pre-order)	Aussie Metal Clay	Lump						12-15%	Yes	Firing instructions not available at this time.
Aussie Metal Clay 960 Argentium	Aussie Metal Clay	Lump	1508F/820C	1544F/840C	60 minutes	120 minutes	Yes		No	Place pieces in cold kiln. Ramp speed 3. Test strips recommended. Heat hardening recommended. Do not quench
EZ 960	CoolTools	Lump, paste, syringe	1600F/871C	1675F/913C	15 minutes	8 hours	No	10-11%	No	Fire open shelf on a raised hard ceramic kiln shelf. Fire at full ramp speed at any of the times and temperatures below: 1675°F / 913°C 2 hours, 1700°F / 927°C 1 hour, 1725°F / 941°C 15 minutes For low temperature kilns: 1650°F / 899°C 4 hours, 1625°F / 885°C 4 hours, 1600°F / 871°C 8 hours
EZ 999	CoolTools	Lump, paste, syringe	1400F/760C	1650F/900C	30 minutes	6 hours	No	13%	No	Fire open shelf on a raised ceramic kiln shelf. Fire at full ramp speed at any of the times and temperatures below: 1650°F / 900°C 30 minutes – 2 hours (*depending on piece size), 1600°F / 871°C 1 hour, 1550°F / 843°C 3 hours, 1450°F / 788°C 4 hours, 1400°F / 760°C 6 hours
Metal Magic 960	MetalClays.com	Lump	1600F/871C	1600F/871C	60 minutes	120 minutes	No	25%	No	Do not exceed 250F/120C for drying, allow to cool to 250F/120C before removing from kiln
Metal Magic Fine Silver clay	MetalClays.com	Lump	1600F/871C	1600F/871C	30 minutes	90 minutes	No	25%	No	Do not exceed 250F/120C for drying, good for cutting with computerized cutters
PMC +	Mitsubishi Materials	Lump	1470F/800C	1652F/900C	10 minutes (at 1652)	30 minutes	No	12-15%	No	for low temp firing, increase time. 1470F/800C should be fired minimum 30 minutes
PMC 3	Mitsubishi Materials	Lump, paste, syringe	1112F/600C	1650F/900C	10 minutes	120 minutes	No	10-15%	Yes	Firing ranges: 1290F for 10 minutes, 1200F for 20 minutes, 1110F for 45 minutes. 1112F for 30 minutes recommended on package
PMC 925 Sterling	Mitsubishi Materials	Lump	1500F/815C	1500F/815C	30 minutes	60 minutes	Yes	15-20%	No	2 part firing recommended- part 1: 1004F/540C 30 min, part 2 (in carbon): 1500F/815C 30 min. Single firing is 1500F/815C 30 minutes in carbon
PMC 950 one-fire sterling	Mitsubishi Materials	Lump	1600F/870C	1600F/870C	60 minutes	60 minutes	No	15-20%	No	
PMC Flex	Mitsubishi Materials	Lump	1112F/600C	1650F/900C	10 minutes	120 minutes	No	10-15%	Yes	Firing ranges: 1290F for 10 minutes, 1200F for 20 minutes, 1110F for 45 minutes. 1112F for 30 minutes recommended on package

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PMC Classic (discontinued)	Mitsubishi Materials	Lump	1650F/900C	1650F/900C	120 minutes	120 minutes	No	30%	No	
PMC Pro (discontinued)	Mitsubishi Materials	Lump	1400F/760C	1400F/760C	60 minutes	120 minutes	Yes	10-20%	No	
PMC sheet (PMC+)	Mitsubishi Materials	Paper type	1472F/800C	1650F/900C	minutes (at 1650F)	30 minutes	No	10%	No	for low temp firing, increase time. 1472F/800C should be fired minimum 30 minutes
Prometheus 950 Silver	Prometheus Craft & Hobby	Lump, paste, syringe	1470F/800C	1470F/800C	60 minutes	60 minutes	No	15%	No	Load kiln room temp and fire full ramp. Can be removed from kiln hot
Prometheus 999 Silver	Prometheus Craft & Hobby	Lump, paste, syringe	1058F/570C	1295F/700C	60 minutes	60 minutes	No	12-13%	No	Load kiln room temp and fire full ramp. Can be removed from kiln hot. Higher temp provides slightly more shrinkage, more flexibility after firing.
FYI Fine Silver Clay	Unknown	Lump	1550F	1650F	30 minutes	120 minutes	No	25-30%	No	Place in cold kiln, can be quenched or air cooled after firing completes
Meteor .999 Ultrafine	Meteor	Lump	1650F/900C	1650F/900C	50 minutes	60 minutes	No			Start with a cold kiln.
Meteor .999 Classic	Meteor	Lump	1650F/900C	1650F/900C	60 minutes	60 minutes	No			Start with a cold kiln.