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DFC MELTING CRUCIBLES

The DFC Assay Crucibles are made of extremely pure raw materials. These materials are blended to give you a crucible with exceptional refractory qualities, mechanical strength, density heat conductivity and higher thermal shock resistance. These crucibles are specially designed for melting gold, silver and other non-ferrous metals. They are widely used for refining and melting other materials, also. The crucibles have a operating range up to 2,750° F (1,510° C). DFC maintains a high degree of quality control and has almost 100 years experienced in crucible manufacture.



CRUCIBLES	MELTING							
Capacity, grams	80	120	160	200	360	480	560	720
Volume, liters (min)	.35	.75	.96	1.18	2.13	2.84	3.79	4.73
Height, mm (min)	156	168	189	210	240	270	311	330
Diameter, mm (min)	108	116	125	140	165	184	213	235
Number/Case	60	48	36	32	27	12	10	8
Wt./case, lbs. (approx)	97	103	100	123	159	185	199	226
CATALOG NUMBER								
Standard Clay, 090G-	022	024	026	028	030	032	034	036
Premium Clay, 090G-								
Fused Silica, 090G-	060	062	064	066	068	070	072	074
Corderite, 090G-	082	084	086	088	090	092	094	096
Colorado, 090G-	905	906	907	908	909	910	911	912

STANDARD CLAY. Designed to give optimum service under standard conditions. These units have been used for assaying, refining, smelting, fusing and testing for many decades. Dependable service at normal assaying temperature (1800-2000°F).

PREMIUM CLAY. A relatively recent development, on demand, giving improved resistance to wall erosion and higher refractory qualities (2250°F). When this unit is used, additional silicon and/or borax may be needed to obtain fluid fusions.

FUSED SILICA. Has excellent resistance to thermal shock for use in melting and refining up to 2750°F.

CORDERITE. Used for non-ferrous metals where pouring temperatures do not exceed 3000°F.

COLORADO. Multi-purpose use. Crucible designed to endure many melts. For glass melting or analyzing difficult ore bodies. Composite of alumina, silica, fireclay. Max. 2400°F.

SPECIAL. Sepor may also be able to supply special size crucibles of other compositions such as: silicon carbide/carbon, clay graphite/ceramic and carbon. Thin wall and bilge type shapes are also available.