



Controlling the migration of aluminum during your thin film coating process has always been a challenge. Up until now! Our “Cool Lip Crucibles,” do a great job of controlling the wetting of the aluminum and minimize any migration of the aluminum out of the crucible. Our C9-BNC-CL is $\frac{1}{2}$ ” in diameter and can be used in conjunction with our CH-1, CH-10, CH-11, ME-19, Crucible Heaters and ME-18B, B8B Basket Heaters. The crucible offers the same efficient heating in the heat zone of the crucible, yet begins to cool as it extends past the crucible heater. As the molten aluminum begins its’ migration up th side of the crucible wall, it will cool and come to a stop before it reaches the top lip of the crucible. Initially, we recommend keeping the amount of aluminum to half or less of the crucible heated area. Once you have developed your technique/process, higher volumes of aluminum can be added. Any Questions? Give us a call at (562) 426-7049 or email us at tech@rdmathis.com or visit our website at www.rdmathis.com

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			C9-BNC Cool Lip Crucible			
	DRAWN		DATE		Drawing No.	
	RJM		1/23/17			
Material: Boron Nitride Composite		SCALE: N/A		Part No.		
DO NOT SCALE DRAWING		SIZE		C9-BNC-CL		
		A		REV: 00	WEIGHT:	SHEET 1 OF 1