

App. Note

Applied Materials 9500 and xR Series Arc Chamber Liner Configurations

- Standard utilities and operation
- High purity [materials](#)
- Direct replacement for standard Applied Materials components
- Complete Configuration Support

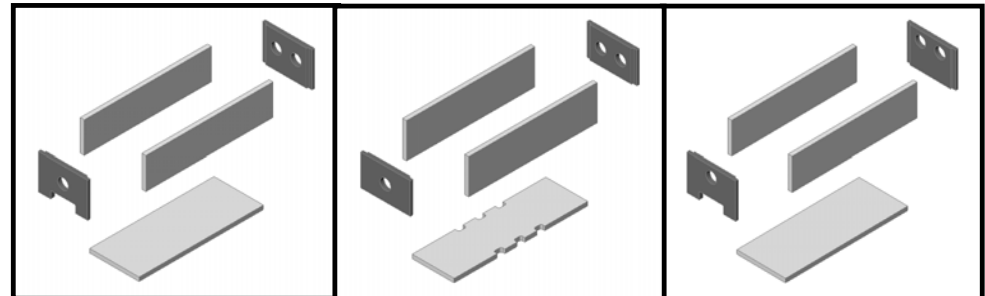
Applied Materials 9500 and xR series arc chamber liners are configured based on three basic criteria; source type (i.e. Bernas or IHC), standard or side venting, and liner material. The list below will help you properly set up your ion sources with Electro-Graph components. Note, this list is only necessary if you are unable to cross reference to a specific Electro-Graph manufactured component.

Assemblies

- 1.02.110 Bernas Source Components
- 1.02.111 Frontal Filament Bernas Source Components

Application Note

- 2.02.109 IHC Liner Configurations
- 2.02.111 Frontal Filament Bernas Source



	Standard Bernas (end venting)		Standard Bernas (side venting)		Frontal Filament* Bernas* (end venting)	
	Graphite	Tungsten	Graphite	Tungsten	Graphite	Tungsten
Side Liner	n/a	54069	n/a	59152	n/a	54069
Base Liner	n/a	53978	n/a	55993	n/a	53978
End Liner, Filament	54004	n/a	59165	n/a	69513*	n/a
End Liner, Anti-Cathode	54017	n/a	54563	n/a	69526*	n/a

*Note - Frontal filament bernas source requires other components for upgrade