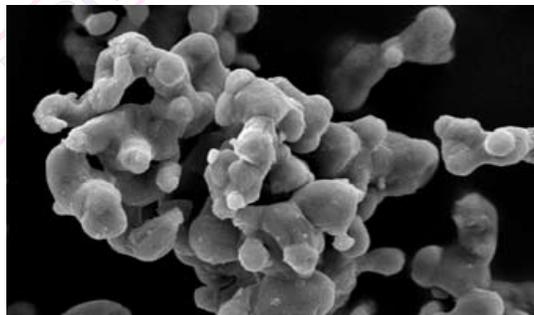


**CO 101-102
Cobalt Metal Powder**

CO 102-102	
Formula	Co
Purity	99.9% min
Particle size	0.5-1.0-micron APS - <400 mesh

Chemistry (in ppm unless otherwise stated)			
Elements	Typical Results	Elements	Typical Results
Silicon	<50	Nickel	<500
Sodium	<10	Manganese	<10
Magnesium	<10	Iron	<20
Chlorine	<10	Calcium	<10
Sulfur	50	Carbon	2500
Oxygen	0.9%	Hydrogen loss	<0.9

Average particle Size			
Catalog Number	FSSS	D50	D90
CO 101	0.60	2.5	5.2
CO 102	4.0	10	18



Cobalt Powder is used in the production of cutting tools, wear parts, hard metals, sputtering targets and in Chemical Vapor Deposition (CVD) and Physical Vapor Deposition (PVD) processes including Thermal and Electron Beam (E-Beam) Evaporation, Low Temperature Organic Evaporation, Atomic Layer Deposition (ALD) and Chemical Vapor Deposition (MOCVD). Powders are also useful in any application where high surface areas are desired such as fuel cells and solar applications. CO 101 and CO 102 are very fine standard sizes, we also supply powder from -30 mesh, and metal in the form

of squares or cathodes.

Information presented herein is believed to be accurate and reliable but is not intended to meet any specification and does not imply any guarantee or warranty by Atlantic Equipment Engineers. For more information and assistance, please call (201) 384-5606.

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