

TYPE C1050 CARBON STRIP

Gibbs Interwire stocks C1050 high carbon spring steel in the annealed condition. An economical grade of spring steel often used where the part is hardened and tempered after forming. C1050 meets ASTM-A684 and is stocked in gauges ranging from .010" to .062".

Chemical Composition (ASTM-A684)	%	Thickness Tolerance	Tolerance (inch)
Carbon	.480 to .550	.001 - .0099	+/- .0003
Manganese	.600 to .900	.010 - .0149	+/- .0005
Phosphorus	.030 max	.015 - .0199	+/- .0008
Sulfur	.035 max	.020 - .0299	+/- .0010
Silicon	.150 to .300	.030 - .0399	+/- .0012
		.040 - .0620	+/- .0014

MECHANICAL PROPERTIES

Condition	Hardness
Spheroidized Annealed	85 HRB Max

Additional Information		
Width Tolerance	+/- .003	
Camber Tolerance	Up to and including 1.500" wide	.500" in 8 feet
	Over 1.500" wide	.250" in 8 feet
Edges Available	#3 Slit edge	
	#5 Deburred edge	
	#1 Round edge	

The above charts are intended to provide general background information. You should also review the appropriate material specification. Please contact Gibbs Interwire if you have any questions.

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