

TYPE C1074 CARBON STEEL STRIP

This steel is most often used for general spring applications. Gibbs Interwire stocks 1074 high carbon spring steel, ASTM-A684, in both the spheroidized annealed condition in gauge ranges from .008" to .062" and scaleless tempered condition in thicknesses from .007" to .025".

Chemical Composition	%	Thickness Tolerances < 6" AMS2242	Tolerance (inch)
Carbon	.700 to .800	.001 - .0099	+/- .0003
Manganese	.500 to .800	.010 - .0149	+/- .0005
Phosphorus	.030 max	.015 - .0199	+/- .0008
Sulfur	.035 max	.020 - .0299	+/- .0010
Silicon	.150 to .300	.030 - .0399	+/- .0012
		.040 - .062	+/- .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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