

1% Silicon Aluminum Wire Specifications

Alloy Type	Diameter		Elongation (%)	Tensile Strength (g)	Temper Condition
	Inches	Microns			
1% Si Al	0.0007	18	0.5 - 2.5	8 min.	Hard
			0.5 - 3.0	4 - 6	Annealed
	0.001	25	0.5 - 2.5	20	Hard
			1 - 4	16 - 18	Annealed
			1 - 4	14 - 16	Annealed
	0.00125	32	0.5 - 3.0	28 min.	Hard
			1 - 4	23 - 25	Stress Relieved
			1 - 4	21 - 23	Annealed
			1 - 4	19 - 21	Annealed
	0.0015	38	0.5 - 3.0	38 min.	Hard
			1 - 4	33 - 38	Stress Relieved
			1 - 4	26 - 33	Annealed
	0.002	50	1 - 4	65 min.	Hard
			2 - 6	55 - 65	Stress Relieved
			2 - 6	45 - 55	Annealed