

7 Buccleuch Avenue,
 Craighall Park,
 Johannesburg, 2196,
 South Africa



NOCKERS
 ENGINEERING PRODUCTS

+ 27 11 447 8562
 sales@nockers.co.za
 www.nockers.co.za

NICHROME Ni80Cr20 RIBBON: RESISTANCE TABLE – INCH SIZE EQUIVALENTS

Thickness: Inch (mm)	Width: Inch (mm)			Resistance: Ohm/m *			
	1/64" (0.397mm)	0.025" (0.635mm)	1/32" (0.794mm)	0.050" (1.270mm)	1/16" (1.588mm)	3/32" (2.381mm)	1/8" (3.175mm)
0.002" (0.051mm)	57.11	(36.13)	(28.52)	(17.90)	(14.29)	(9.509)	(7.120)
0.003" (0.076mm)	38.18	23.80	19.06	11.90	(9.52)	(6.396)	(4.761)
0.0035" (0.089mm)	32.96	20.35	16.29	10.33	8.11	(5.469)	(4.091)
0.004" (0.102mm)	28.72	17.91	14.20	8.86	7.16	4.778	3.582
0.005" (0.127mm)	22.84	14.92	11.40	7.12	5.68	3.847	2.848
0.006" (0.152mm)	20.87	11.90	9.53	5.95	4.74	3.175	2.380
0.007" (0.178mm)	18.12	10.86	8.18	5.25	4.09	2.272	2.032
0.008" (0.203mm)	14.29	8.91	7.14	4.45	3.55	1.992	1.782
0.010" (0.254mm)	(13.34)	7.84	5.70	3.56	2.84	1.900	1.424

* Nominal resistance based on theoretical cross sectional area x 0.94