

Technische Tabelle Widerstandsdraht NiCr 80/20

Durchmesser mm	Querschnitt mm ²	Widerstand ohm / m	g / m	m / kg	ohm / kg @20°C	Oberfläche cm ² / m
6.000	28.2740	0.03820	236.1	4.236	0.1618	188.5
5.000	19.6350	0.05500	164.0	6.099	0.3355	157.1
4.500	15.9040	0.06791	132.8	7.530	0.5113	141.4
4.000	12.5660	0.08594	104.9	9.530	0.8191	125.7
3.500	9.6210	0.11225	80.32	12.45	1.397	110.0
3.250	8.2960	0.13019	69.25	14.44	1.879	102.1
3.000	7.0690	0.15279	59.03	16.94	2.589	94.25
2.800	6.1580	0.17540	51.41	19.45	3.411	87.96
2.500	4.9087	0.22002	40.98	24.40	5.368	78.54
2.250	3.9761	0.27162	33.20	30.12	8.181	70.69
2.000	3.1416	0.34377	26.23	38.12	13.11	62.83
1.900	2.8353	0.38091	23.67	42.24	16.09	59.69
1.800	2.5447	0.42441	21.25	47.06	19.97	56.55
1.700	2.2698	0.47581	18.95	52.76	25.11	53.41
1.600	2.0106	0.53715	16.79	59.56	31.99	50.27
1.500	1.7671	0.61115	14.76	67.77	41.42	47.12
1.400	1.5394	0.70158	12.85	77.80	54.58	43.98
1.300	1.32.73	0.81367	11.08	90.23	73.41	40.84
1.100	0.9503	1.1364	7.937	126.0	143.2	34.56
1.000	0.7854	1.3751	6.557	152.5	209.7	31.42
0.950	0.7088	1.5237	5.917	169.0	257.4	29.85
0.900	0.6362	1.6977	5.311	188.3	319.6	28.27
0.850	0.5675	1.9033	4.737	211.1	401.7	26.70
0.800	0.5027	2.1486	4.196	238.3	511.9	25.13
0.750	0.4418	2.4446	3.689	271.1	662.7	23.56
0.700	0.3848	2.8063	3.213	311.2	873.3	21.99
0.650	0.3318	3.2547	2.771	360.9	1175	20.42
0.600	0.2827	3.8197	2.361	423.6	1618	18.85
0.550	0.2376	4.5458	1.984	504.1	2291	17.28
0.500	0.1963	5.5004	1.640	609.9	3355	15.71
0.475	0.1772	6.0946	1.480	675.8	4119	14.92
0.450	0.1590	6.7906	1.328	753.0	5113	14.14
0.425	0.1419	7.6130	1.185	844.2	6427	13.35
0.400	0.1257	8.5944	1.049	953.0	8191	12.57
0.375	0.1104	9.7785	0.9225	1084	10603	11.78
0.350	0.0962	11.225	0.8032	1245	13973	11.00
0.320	0.0804	13.429	0.6716	1489	19997	10.05
0.300	0.0707	15.279	0.5903	1694	25886	9.425
0.280	0.0616	17.540	0.5141	1945	34113	8.796
0.250	0.0491	22.002	0.4098	2440	53678	7.854
0.240	0.0452	23.873	0.3778	2647	63199	7.540
0.220	0.0380	28.411	0.3175	3150	89509	6.912
0.200	0.0314	34.377	0.2623	3812	131050	6.283
0.190	0.0284	38.091	0.2367	4224	160895	5.969
0.180	0.0254	42.441	0.2125	4706	199741	5.655
0.170	0.0227	47.581	0.1895	5276	251051	5.341
0.160	0.0201	53.715	0.1679	5956	319947	5.027
0.150	0.0177	61.115	0.1476	6777	414183	4.712
0.140	0.0154	70.158	0.1285	7780	545815	4.398
0.130	0.0133	81.367	0.1108	9023	734149	4.084
0.120	0.0133	95.493	0.0944	10589	1011189	3.770
0.110	0.0095	113.64	0.0794	12602	1432144	3.456
0.100	0.0079	137.51	0.0656	15248	2096802	3.142