



Wire Wound Conversion Chart

This chart shows the wet film thickness obtained from a given wire size, and is only a guide. It is not possible to chart exact film thicknesses for all coatings since there are many variables; 100% solids, no evaporation or penetration into the substrate, rod diameter and pressure. Wire Wound Rods are available up to wire size 75 and Formed Rods up to 90.

Wire Size	Decimal (inches)	Metric (mm)	Wet Film Thickness (mils)	Wet Film Thickness (microns)
0	.000	.00	.00	0.0
2-1/2	.0025	.06	.25	6.4
3	.003	.08	.3	7.7
4	.004	.10	.4	10.3
5	.005	.13	.5	12.8
6	.006	.15	.6	15.4
7	.007	.18	.7	17.9
8	.008	.20	.8	20.5
9	.009	.23	.9	23.1
10	.010	.25	1.0	25.6
11	.011	.28	1.1	28.2
12	.012	.30	1.2	30.8
13	.013	.33	1.3	33.3
14	.014	.36	1.4	35.9
15	.015	.38	1.5	38.5
16	.016	.41	1.6	41.0
17	.017	.43	1.7	43.6
18	.018	.46	1.8	46.2
19	.019	.48	1.9	48.7
20	.020	.51	2.0	51.3
22	.022	.56	2.2	56.4
24	.024	.61	2.4	61.5
26	.026	.66	2.6	66.7
28	.028	.71	2.8	71.8
30	.030	.76	3.0	76.9
32	.032	.81	3.2	82.0
34	.034	.85	3.4	87.2
36	.036	.91	3.6	92.3
38	.038	.97	3.8	97.4
40	.040	1.02	4.0	102.5
42	.042	1.07	4.2	107.7
44	.044	1.12	4.4	112.8
46	.046	1.17	4.6	117.9
48	.048	1.22	4.8	123.1
50	.050	1.27	5.0	128.2
52	.052	1.32	5.2	133.3
54	.054	1.37	5.4	138.5
56	.056	1.42	5.6	143.6
58	.058	1.47	5.8	148.7
60	.060	1.52	6.0	153.8
62	.062	1.57	6.2	159.0
64	.064	1.63	6.4	164.1
65	.065	1.65	6.5	165.1
70	.070	1.78	7.0	179.5
72	.072	1.83	7.2	184.6
75	.075	1.91	7.5	190.5
80	.080	2.03	8.0	203.2
90	.090	2.29	9.0	230.8