

# HM Wire International, Inc.

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## Film Build for Magnet Wire - Single through Quadruple

AWG Size	Single Build			Feet per lb.	Heavy Build			Feet per lb.	Triple Build			Feet per lb.	Quadruple Build			Feet per lb.
	Diameter (inches)				Diameter (inches)				Diameter (inches)				Diameter (inches)			
	Min.	Nom.	Max.		Min.	Nom.	Max.		Min.	Nom.	Max.		Min.	Nom.	Max.	
32	0.0085	0.0088	0.0091	4,995	0.0091	0.0095	0.0098	4,873	0.0097	0.0101	0.0103	4,751	0.0103	0.0107	0.011	4,629
33	0.0075	0.0078	0.0081	6,337	0.0081	0.0085	0.0088	6,161	0.0086	0.0090	0.0092	5,985	0.0092	0.0096	0.0099	5,809
34	0.0067	0.0070	0.0072	8,055	0.0072	0.0075	0.0078	7,837	0.0077	0.0080	0.0082	7,619	0.0082	0.0085	0.0088	7,401
35	0.0059	0.0062	0.0064	10,250	0.0064	0.0067	0.0070	9,891	0.0068	0.0071	0.0074	9,532	0.0073	0.0076	0.0079	9,173
36	0.0053	0.0056	0.0058	12,800	0.0057	0.0060	0.0063	12,380	0.0061	0.0064	0.0067	11,960	0.0065	0.0068	0.0071	11,540
37	0.0047	0.0050	0.0052	15,750	0.0052	0.0055	0.0057	15,290	0.0056	0.0059	0.0060	14,830	0.0060	0.0063	0.0065	14,370
38	0.0042	0.0045	0.0047	20,020	0.0046	0.0049	0.0051	19,360	0.0049	0.0052	0.0054	18,700	0.0053	0.0056	0.0058	18,040
39	0.0036	0.0039	0.0041	26,240	0.0040	0.0043	0.0045	25,270	0.0043	0.0046	0.0048	24,300	0.0046	0.0049	0.0051	23,330
40	0.0032	0.0035	0.0037	33,330	0.0036	0.0038	0.004	31,940	0.0039	0.0041	0.0043	30,550	0.0042	0.0044	0.0046	29,160
41	0.0029	0.0031	0.0033	40,800	0.0032	0.0034	0.0036	39,340	0.0034	0.0036	0.0039	37,880	0.0037	0.0039	0.0041	36,420
42	0.0026	0.0028	0.0030	50,940	0.0028	0.0030	0.0032	49,600	0.0030	0.0032	0.0035	48,260	0.0032	0.0034	0.0036	46,920
43	0.0023	0.0025	0.0026	66,140	0.0025	0.0027	0.0029	63,170	0.0027	0.0029	0.0032	60,200	0.0029	0.0031	0.0033	57,230
44	0.0020	0.0022	0.0024	80,060	0.0023	0.0025	0.0027	76,160	0.0025	0.0027	0.0029	72,260	0.0027	0.0029	0.0031	68,230
45	0.00179		0.0021	103,500	0.00199		0.0023	99,110	0.00219		0.00255	94,720	0.00239		0.00280	90,330
46	0.00161		0.0019	130,000	0.00181		0.0021	123,800	0.00201		0.00235	117,600	0.00221		0.00260	111,400
47	0.00145		0.0017	163,400	0.00165		0.0019	154,600	0.00185		0.00210	145,800	0.00205		0.00230	137,000
48	0.00129		0.0015	204,900	0.00139		0.0017	196,900	0.00159		0.00190	188,900	0.00169		0.00210	180,900
49	0.00117		0.0013	259,700	0.00127		0.0015	247,500	0.00147		0.00170	235,300	0.00157		0.00190	223,100
50	0.00105		0.0012	324,700	0.00115		0.0014	307,700	0.00125		0.00160	290,700	0.00135		0.00180	273,700
51	0.00095		0.0011	406,500	0.00105		0.00129	383,700	0.00115		0.00150	359,700	0.0013		0.00170	336,300
52	0.00085		0.0010	507,600	0.00095		0.00115	476,200	0.00105		0.00140	444,800	0.00115		0.00160	413,400
53	0.00072		0.00085	653,600	0.00080		0.00103	621,100	0.00087		0.00121	588,600	0.00097		0.00139	556,100
54	0.00065		0.00075	826,400	0.00073		0.00095	775,200								
55	0.00058		0.00070	1,032,000	0.00066		0.00087	961,500								
56	0.00052		0.00065	1,283,700	0.00060		0.00081	1,196,200								
57	0.000461		0.000557	1,636,700												
58	0.0004160		0.000507	2,040,800												
59	0.000374		0.000442	2,617,800												
60	0.000328		0.000402	3,257,300												

To be used as a guideline only.

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