

Twisted Magnet Wire

Twistite™

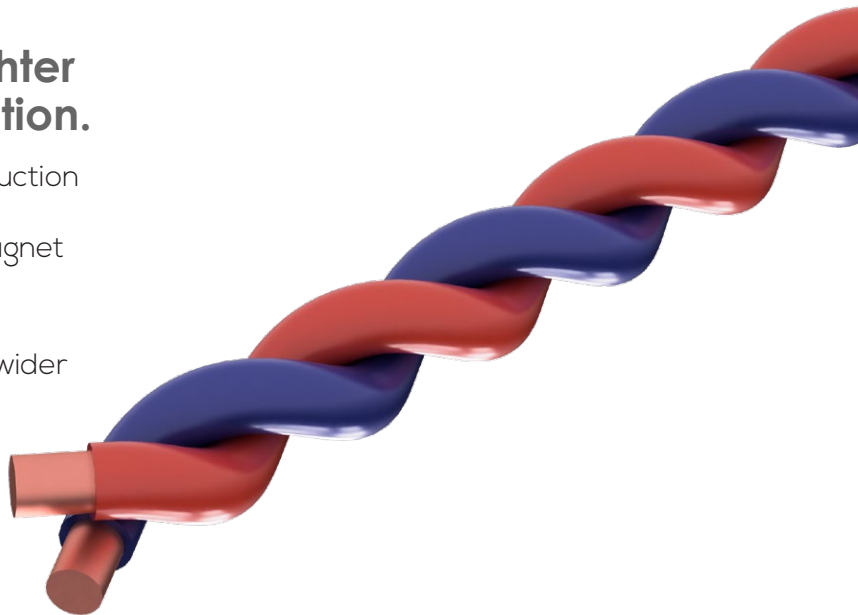
For superior performance and tighter control over twisted wire construction.

For those who use twisted magnet wire in the production of custom toroid, ferrite and recording head coils, specialty audio and R.F. transformers, Twistite™ magnet wire offers several advantages over other twisted magnet wire constructions.

Because Twistite™ is custom produced by MWS, a wider range of twisting constructions is possible.

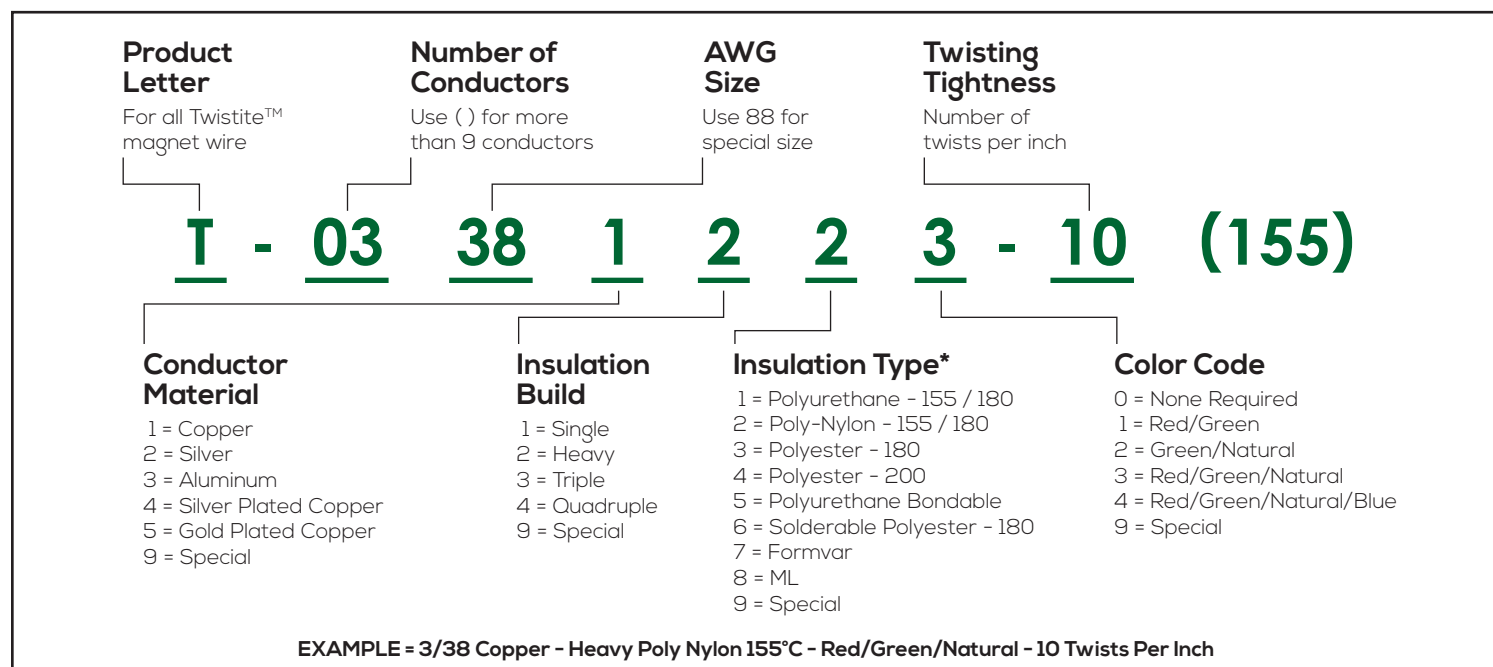
Manufacturing capabilities include:

- Up to 50 twists per inch on fine wire
- Up to 50 conductors
- Twisting tolerance as tight as ±1%
- Tightly controlled capacitance, inductance and impedance characteristics
- Up to 10 colors in some sizes for conductor identification
- Wide selection of insulations 105 - 240°C (single through quadruple film builds - See page 4 & 5)
- Range of sizes: 16 through 52 AWG
- Wide variety of conductor materials: copper, silver, plated conductors, and specialty alloys



Part Number Ordering System

Make your own part number by following the guidelines outlined below



*See pages 4 and 5 for a complete listing of insulations. Twistite™ is a trademark of MWS Wire Industries.

TWISTITE™					SINGLE BUILD		HEAVY BUILD	
# OF STRANDS	SIZE (AWG)	CIRCULAR MILS	NEAREST AWG EQUIV. (CIR. MILS)	RESISTANCE (OHMS PER 1000 FT. AT 20°C)	NOMINAL O.D. (INCHES)	FEET PER POUND	NOMINAL O.D. (INCHES)	FEET PER POUND
2	20	2,048	17	5.07	0.055	151	0.056	146
5	20	5,120	13	2.03	0.086	62	0.089	61
10	20	10,240	10	1.01	0.122	31	0.126	31
20	20	20,480	7	0.51	0.173	16	0.179	16
2	24	808	21	12.84	0.035	378	0.036	360
5	24	2,020	17	5.13	0.055	157	0.058	153
10	24	4,040	14	2.57	0.078	79	0.081	78
20	24	8,080	11	1.28	0.110	40	0.115	40
25	24	10,100	10	1.03	0.123	32	0.129	32
2	30	200	27	51.85	0.018	1,483	0.019	1,371
5	30	500	23	20.74	0.028	625	0.030	604
10	30	1,000	20	10.37	0.040	318	0.043	313
20	30	2,000	17	5.19	0.056	160	0.060	159
25	30	2,500	16	4.15	0.063	129	0.068	128
2	40	19	37	539.	0.006	14,851	0.006	13,520
5	40	48	33	215.8	0.009	6,396	0.010	6,136
10	40	96	30	107.9	0.013	3,282	0.014	3,212
20	40	192	27	53.95	0.018	1,663	0.020	1,645
25	40	240	26.5	43.16	0.020	1,334	0.022	1,322

