

This Polyamideimide-Coated / Polyesterimide-Coated Copper Magnet Wire from Remington Industries is a high quality solution to a variety of severe thermal overload applications, thanks to its high temperature rating. Simple but vital to many applications, magnet wire is copper wire with a thin layer of insulation which protects the coiled wire from short-circuiting. With its excellent thermal resistance and attractive enameled sheen, magnet wire finds use in a large variety of applications including transformers, wound coils, motors, relays, solenoids, Tesla coils, clock/watch coils, instruments/guitar pickups, and arts & crafts. The raw copper in our magnet wire is drawn to meet specific size requirements based on standards created by the National Electrical Manufacturers Association (NEMA). The magnet wire meets the NEMA MW 35-C or MW 74-C standard for operating temperature (200°C / 392°F) and insulation makeup. Please note that mechanical stripping is recommended for removing the insulation from this product. This magnet wire is available in a great selection of gauges (from 14 to 44 AWG) to best fulfill the requirements for your application. It is also available in numerous spool sizes (see below) for your convenience.

- Type: Enameled Copper Magnet Wire
- Conductor Material: Solid, Bare Copper
- Insulation Material:
 - MW 35-C: Polyester with Polyamideimide Overcoat
 - MW 74-C: THEIC modified Polyesterimide
- Wire Build:
 - 14 to 32 AWG: Min-Nom, Heavy
 - 34 to 44 AWG: Min-Nom, Single
- NEMA Specification:
 - 14 to 38 AWG + 44 AWG: MW 35-C
 - 40 to 42 AWG: MW 74-C
- Temperature Rating: 200°C (392°F)
- Color: Natural
- Spool Sizes Available: 2 oz, 4 oz, 8 oz, 1.0 lb, 2.5 lb, 5.0 lb, 10 lb (see individual listings for length)
- Also available in pre-built kits (choose multiple wire gauges / spool sizes)

PART NUMBER	WIRE GAUGE	OVERALL DIAMETER
14H200	14 AWG	0.0671"
16H200	16 AWG	0.0535"
18H200	18 AWG	0.0428"
20H200	20 AWG	0.0343"
22H200	22 AWG	0.0273"
24H200	24 AWG	0.0220"
26H200	26 AWG	0.0176"
28H200	28 AWG	0.0142"
30H200	30 AWG	0.0114"
32H200	32 AWG	0.0093"
34S200	34 AWG	0.0069"
36S200	36 AWG	0.0055"
38S200	38 AWG	0.0044"
40S200	40 AWG	0.0034"
42S200	42 AWG	0.0026"
44S200	44 AWG	0.0022"

Polyamideimide-Coated Copper Magnet Wire

MW 35-C & MW 74-C Data Sheet

Remington Industries is proud to offer our Custom Wire Services

Our exclusive inventory of in-stock wire and ability to procure wire of all kinds makes us the perfect partner for wire purchasing and custom wire services. We are proud to provide essential, high quality wire for engineering projects, educational science projects, coil winding, and electronics applications.

Some of our many wire services include the following:

- Wire Re-Packaging
- Bifilar & Trifilar Windings
- Wire Processing
- Coil Winding
- Wire Procurement Services

If you have any questions or need any information about our [Wire Services](#), feel free to contact us! It only takes one call to get experienced assistance.

Contact us by phone:
(815) 385-1987

Contact us by email:
sales@remingtonindustries.com

4/14/25 | -1 | Updated 40 + 42 AWG to substitute MW 74-C since MW 35-C stock is no longer available; updated paragraph description | AG

DATE | ISS. | REVISION | BY

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