

This 240°C Magnet Wire from Remington Industries is built to meet the demands of unusual environments where extreme heat, radiation, chemicals, and more must be accounted for. Meeting the NEMA MW 16-C standard for operating temperature (240°C/464°F) and insulation makeup, this wire is perfect for use in windings & components in applications including nuclear, medical, and aerospace.

The wire is coated with a heavy build of aromatic polyimide film, which is a high performance polymer that provides unmatched chemical and burnout resistances. It also boasts low weight loss characteristics at higher temperatures, and it functions well in high-moisture conditions. Please note that mechanical stripping is recommended for this product.

This magnet wire is available in a great selection of gauges (from 14 to 32 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: Aromatic Polyimide (PI) Film
  - Mechanical stripping recommended
- Insulation Color: Natural
- Wire Build: Heavy
- NEMA Specification: MW 16-C
- Temperature Rating: 240°C (464°F)
  - Thermal Classification: Class 240°C (ASTM D 2307)
  - Thermoplastic Flow (Cut-Through): 500°C+
  - Heat Shock: Passes 300° heat shock
- Spool Sizes Available: 2 oz, 4 oz, 8 oz, 1.0 lb, 2.5 lb, 5.0 lb (see individual listings for length)
- RoHS & REACH Compliant

| PART NUMBER | WIRE GAUGE | OVERALL DIAMETER |
|-------------|------------|------------------|
| 14H240      | 14 AWG     | 0.0682"          |
| 16H240      | 16 AWG     | 0.0545"          |
| 18H240      | 18 AWG     | 0.0437"          |
| 20H240      | 20 AWG     | 0.0351"          |
| 22H240      | 22 AWG     | 0.0281"          |
| 24H240      | 24 AWG     | 0.0227"          |
| 26H240      | 26 AWG     | 0.0182"          |
| 28H240      | 28 AWG     | 0.0147"          |
| 30H240      | 30 AWG     | 0.0121"          |
| 32H240      | 32 AWG     | 0.0097"          |

## Polyimide-Enameled Copper Magnet Wire MW 16-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](mailto:sales@remingtonindustries.com)

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