

Stainless Steel 316L Wire from Remington Industries is a single strand wire with no coating. This particular stainless steel 316L alloy performs well at higher temperatures, has considerable corrosion resistance, and forms & welds easily; additionally, the bright annealed finish gives the wire an attractive reflectivity. As such, this wire is practical for general electrical projects and craft/jewelry uses, as well as specialized purposes such as marine, scientific, or medical applications. We offer stainless steel 316L wire in a broad range of wire gauges (from 14 to 44 AWG) to best meet your requirements. It is also available in plenty of spool sizes (see below) for your convenience.

- Material: Stainless Steel
- Grade: SAE 316L
- Finish: Bright / Clean
- Temperature Rating: 925°C (1697°F)
- Spool Sizes Available: 25 ft, 100 ft, 250 ft, 500 ft, 1000 ft, 2500 ft, 5000 ft

| PART NUMBER | WIRE GAUGE | OVERALL DIAMETER | WIRE RESISTANCE AT 20°C (68°F) |
|-------------|------------|------------------|--------------------------------|
| 14SS316L    | 14 AWG     | 0.0640"          | 0.109 Ω/ft                     |
| 16SS316L    | 16 AWG     | 0.0508"          | 0.171 Ω/ft                     |
| 18SS316L    | 18 AWG     | 0.0403"          | 0.278 Ω/ft                     |
| 20SS316L    | 20 AWG     | 0.0320"          | 0.435 Ω/ft                     |
| 22SS316L    | 22 AWG     | 0.0253"          | 0.695 Ω/ft                     |
| 24SS316L    | 24 AWG     | 0.0201"          | 1.101 Ω/ft                     |
| 26SS316L    | 26 AWG     | 0.0159"          | 1.760 Ω/ft                     |
| 28SS316L    | 28 AWG     | 0.0126"          | 2.803 Ω/ft                     |
| 30SS316L    | 30 AWG     | 0.0100"          | 4.450 Ω/ft                     |
| 32SS316L    | 32 AWG     | 0.0079"          | 6.953 Ω/ft                     |
| 34SS316L    | 34 AWG     | 0.0063"          | 11.21 Ω/ft                     |
| 36SS316L    | 36 AWG     | 0.0050"          | 17.80 Ω/ft                     |
| 38SS316L    | 38 AWG     | 0.0040"          | 27.81 Ω/ft                     |
| 40SS316L    | 40 AWG     | 0.0031"          | 46.31 Ω/ft                     |
| 42SS316L    | 42 AWG     | 0.0025"          | 71.20 Ω/ft                     |
| 44SS316L    | 44 AWG     | 0.0020"          | 111.25 Ω/ft                    |

## Stainless Steel Wire Alloy 316L 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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