

### APPLICATIONS

- For use in fixture wire, machine tool wire, or as appliance wiring material as specified in the National Electrical Code®.
- When used as TFFN it may be used at temperatures not to exceed 90°C in dry locations.
- When used as MTW it may be used at temperatures not to exceed 60°C in wet locations or when exposed to oil or coolant.
- May be used at temperatures up to 90°C in dry locations (ampacity limited to that of a 75°C conductor temperature per NFPA 79)
- When used as AWM, conductor temperatures are not to exceed 105°C in dry locations.

### CONDUCTORS

- Soft, uncoated copper per ASTM B-3 and ASTM B-174

### INSULATION

- Color coded, heat and moisture resistant PVC (polyvinyl chloride)

### JACKET

Clear nylon (polyamide)

### INDUSTRY STANDARDS

- UL 62—Fixture Wire
- UL 1063—Machine Tool Wire
- ASTM B-3
- ASTM B-174
- NFPA70: National Electrical Code®

### SURFACE PRINT

- Sample: CERRO WIRE VINYLON-A 18 AWG (UL) MTW OR TFFN OR GASOLINE AND OIL RESISTANT II 600V OR AWM

| Product Code Number | Conductors |                | Covering       |                  | Approx O.D. Inches | Allowable Ampacities* |        | Approx Net Wt. lbs./m ft. |
|---------------------|------------|----------------|----------------|------------------|--------------------|-----------------------|--------|---------------------------|
|                     | AWG Size   | No. of Strands | PVC Ins. Mils. | Nylon Jkt. Mils. |                    | TFFN *                | MTW ** |                           |
| 113-10XX            | 18         | 16             | 15             | 4                | 88                 | 6                     | 7      | 8                         |
| 113-12XX            | 16         | 26             | 15             | 4                | 98                 | 8                     | 10     | 11                        |

XX Color Add Code (see chart)  
 \* TFFN Per Table 402-5 OF NFPA70, NEC® 2005 edition  
 \*\* MTW Per NFPA

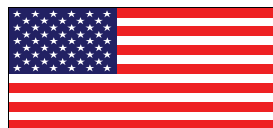
### Color Available (Product Code 6th and 7th Digits)

| AWG Size    | Black 01 | White 02 | Red 03 | Blue 04 | Green 05 | Orange 06 | Yellow 07 | Brown 08 | Purple 09 | Grey 10 | Pink 11 |
|-------------|----------|----------|--------|---------|----------|-----------|-----------|----------|-----------|---------|---------|
| 18 Stranded | X        | X        | X      | X       | X        | X         | X         | X        | X         | X       | X       |
| 16 Stranded | X        | X        | X      | X       | X        | X         | X         | X        | X         | X       | X       |

| Package Code | J  | M              |
|--------------|--|----------------|
| AWG Size     | 500' spool/2000' ctn.  | 2500' reel     |
| 18 Stranded  | X <sup>1</sup>   |                |
| 16 Stranded  | X <sup>1</sup>   | X <sup>2</sup> |
| 1            | 18 500' reels are stocked in black, white, red, yellow, green, orange, brown, purple, gray, pink and blue.<br><br>16 500' reels are stocked in black, white, red, blue, green, orange, yellow, brown, purple, gray and pink. |                |
| 2            | 2500' reels not available in orange, yellow, brown, purple, gray and pink.   |                |

- 90°C Dry
- 600 Volts
- Gasoline and Oil Resistant II for Flexing Service
- Machine Tool Wire: 90°C
- Appliance Wire: 105°C

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**Made in USA**



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