

# Wire Wrapping Wires

pro-POWER

## Kynar 1 / 0.25 mm (30 AWG)



### Feature:

- Copper conductors are single silver plated, kynar insulated

### Specifications:

105°C, no voltage rated, 30 AWG. Solid silver plated oxygen free copper

#### Conductor

|                           |                                                                            |
|---------------------------|----------------------------------------------------------------------------|
| Size                      | : 30 AWG, solid                                                            |
| Material                  | : Silver plated oxygen free, high conductivity copper per ASTM-B 170 grade |
| Plating                   | : Silver, 40 micro inch minimum per ASTM-B-298                             |
| Minimum Circular Mil Area | : 98                                                                       |
| D.C.R                     | : At 20°C (68°F) maximum 106 Ω / M                                         |
| Elongation                | : 20% before insulation                                                    |
| Weight                    | : 0.0303 lbs / M                                                           |
| Minimum Diameter          | : 0.01 inch nominal 0.0099 inches                                          |
| Voltage Rating            | : 300 V                                                                    |
| Operating Temperature     | : -60°C to +105°C                                                          |

#### Insulation:

|                      |                               |
|----------------------|-------------------------------|
| Material             | : Kynar 460                   |
| Minimum Average Wall | : 0.004 inches                |
| Minimum Any pt       | : 0.003 inches                |
| Colour               | : As specified                |
| Diameter             | : 0.0195 inches ±0.001 inches |
| Spark Test           | : 2,000 V ac RMS              |
| Weight               | : 0.168 lbs / M               |
| Total Weight         | : 0.47 lbs / M                |

### Wire Wrapping Wire Rolls for Cut / Strip / Wrap Applications

| Wire Size |      | Insulation Diameter |     | Roll Size Meters | Green   | Blue    | Red     | Black    | White   | Orange  | Yellow  | Violet  |
|-----------|------|---------------------|-----|------------------|---------|---------|---------|----------|---------|---------|---------|---------|
| AWG       | mm   | Inches              | mm  |                  |         |         |         |          |         |         |         |         |
| 30        | 0.25 | 0.0195              | 0.5 | 100              | 100-30G | 100-30B | 100-30R | -        | 100-30W | 100-30O | 100-30Y | 100-30V |
|           |      |                     |     | 500              | 500-30G | 500-30B | 500-30R | 500-30BK | 500-30W | -       | 500-30Y | -       |

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