

KSW & R 30 AWG WIRE 100' · 1,000' - Data Sheet

For Cut/Strip/Wrap Applications. Low strip force Kynar® insulated wire is further processed to provide a low strip force for use with CSW bits and sleeves (RoHS Compliant). Ideally suited for wire wrapping and many other applications, including production line work. This wire is OFHC (oxygen free high conductivity) and provides a flexible yet abrasion resistant wire. The Wire is UL style 1423. Solid copper with 105° C maximum insulation temperature. Not voltage rated. Gauge Size 30 AWG. Insulation Diameter 0.03 inches. Spool Size 100 feet and 1,000 feet.

This specification is for wire per UL Style 1422, 105°C, not voltage rated, 30 AWG. Solid silver plated oxygen free copper.



Specifications

Part Numbers: KSW30Color-0100/1000 ROLLS
R30Color-0

100/1000 ROLLS

| Conductor | |
|-------------------|---|
| Size | 30 AWG. Solid |
| Circular Mil Area | 96 Minimum |
| Material | Silver plated oxygen free, high conductivity copper per ASTM-B170 |
| DC Resistance | @20°C(68°F) max. 110.09 /M' |
| Elongation | 20% before insulation |
| Plating | Silver, 40 micro-inch minimum per ASTM-B 298 |
| Weight | 0.303 lbs/M |
| Diameter | 0.0100" nom. 0.0099" min. |

| Insulation | |
|----------------|------------------|
| Material | Kynar 460 |
| Diameter | 0.0195" ± .0010" |
| Min. Avg. Wall | 0.004" |
| Min. any. Pt | 0.003" |
| Spark Test | 2,000 VAC RMS |
| Color | As specified |
| Weight | 0.168 lbs/M' |
| Total Weight | 0.470 lbs/M' |
| Flammability | VW-1 |

KSW wire is further processed in proprietary operations so as to be suitable for cut, strip and wrap applications