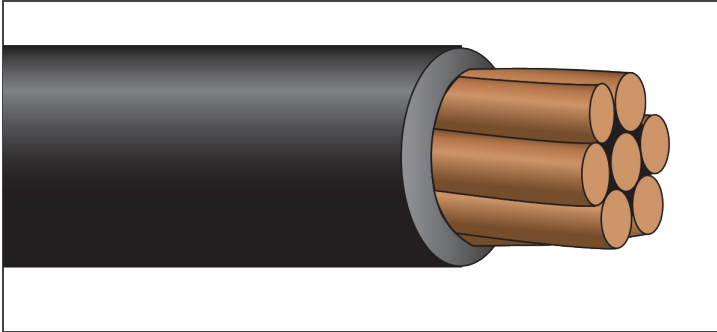


SINGLE CONDUCTOR



SERVICEPRO-X®

RHW-2 or RWU90

1,000/2,000 Volt Copper, CT Rated
No Pulling Lubricant Required



Description:

Single copper conductor, stranded and insulated with moisture and heat resistant, chemically crosslinked polyethylene. Featuring ServicePRO-X® Insulation—No Pulling Lubricant Required (#6 AWG and larger).

Application:

Suitable for wiring in raceways, conduit, etc. Applications include general purpose wiring for power distribution, services, feeders, branch circuit wiring in residential, industrial, and commercial buildings and in photovoltaic systems. Suitable for use in 105°C dry systems. Also suitable for use in low leakage circuits requiring a dielectric constant of 3.5 or less (*Hospital Grade*). Suitable for use in photovoltaic systems up to 2kV.

Standards:

ASTM Standards: B-3 (*soft or annealed*), B-8 (*concentric lay stranded*), B787 (*combination strand*)
UL 44 RHW-2 2kV and UL 4703 (*type PV #6 AWG and larger*)
ICEA S-95-658/NEMA WC-70
Federal Spec. A-A-59544
Flame Rated: CT Use (*1/0 AWG and larger*)
Temperature Rated at 90°C Wet/Dry, Cold Temperature Rated at -40°C
Sunlight Resistant, Gasoline and Oil Resistant II
Direct Burial
RoHS Compliant

| Part Number | Size (AWG or Kcmil) | Strand (no.) | Insulation Thickness (mils) | Nominal Diameter Overall (in.) | Approx. Net Weight (lb./1000') | Ampacity* 90°C Wet/Dry |
|-------------|------------------------|-----------------|--------------------------------|-----------------------------------|-----------------------------------|---------------------------|
| RWU14BK | 14 | 7 | 60 | 0.19 | 25 | 35† |
| RWU12BK | 12 | 7 | 60 | 0.21 | 35 | 40† |
| RWU10BK | 10 | 7 | 60 | 0.24 | 48 | 55† |
| RWU8BK | 8 | 7 | 80 | 0.30 | 77 | 80 |
| RWU6BK | 6 | 7 | 85 | 0.35 | 117 | 105 |
| RWU4BK | 4 | 7 | 85 | 0.40 | 172 | 140 |
| RWU3BK | 3 | 7 | 85 | 0.42 | 209 | 165 |
| RWU2BK | 2 | 7 | 85 | 0.45 | 257 | 190 |
| RWU1BK | 1 | 19 | 105 | 0.53 | 329 | 220 |
| RWU1/0BK | 1/0 | 19 | 105 | 0.57 | 404 | 260 |
| RWU2/0BK | 2/0 | 19 | 105 | 0.61 | 498 | 300 |
| RWU3/0BK | 3/0 | 19 | 105 | 0.66 | 615 | 350 |
| RWU4/0BK | 4/0 | 19 | 105 | 0.72 | 762 | 405 |
| RWU250BK | 250 | 37 | 120 | 0.81 | 898 | 455 |
| RWU300BK | 300 | 37 | 120 | 0.87 | 1,062 | 500 |
| RWU350BK | 350 | 37 | 120 | 0.92 | 1,226 | 570 |
| RWU400BK | 400 | 37 | 120 | 0.96 | 1,387 | 615 |
| RWU500BK | 500 | 37 | 120 | 1.04 | 1,712 | 700 |
| RWU600BK | 600 | 61 | 135 | 1.16 | 2,056 | 780 |
| RWU750BK | 750 | 61 | 135 | 1.26 | 2,540 | 885 |

*Based on ambient temperature of 30°C per NEC Table 310.15 (B)(17). †The overcurrent protection for items marked with an obelisk (†) shall not exceed 15 amps for #14 AWG, 20 amps for #12 AWG, and 30 amps for #10 AWG per NEC 310-17 footnote. NOTE: The data shown is approximate and subject to standard industry tolerances.