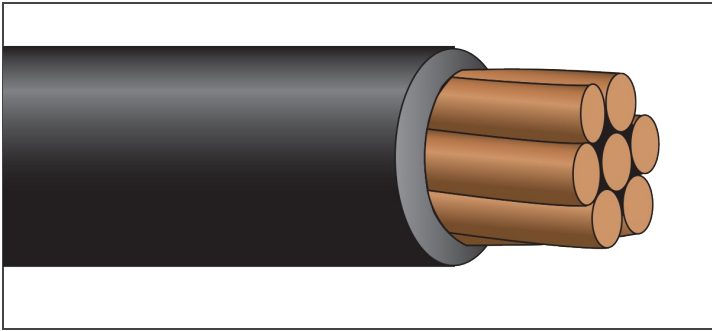


SINGLE CONDUCTORS



SERVICEPRO-X®

RWU90

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



Description:

Single copper conductor, stranded and insulated with moisture and heat resistant, chemically crosslinked polyethylene. 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*).

Standards:

ASTM Standards: B-3 (*soft or annealed*), B-8 (*concentric lay stranded*), B787 (*combination strand*)
UL 44; CSA RWU90 1kV: Certified by CSA for use in Canada
CSA C22.2 No. 38
ICEA S-95-658/NEMA WC-70
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-NPV	14	7	60	0.19	25	35†
RWU12BK-NPV	12	7	60	0.21	35	40†
RWU10BK-NPV	10	7	60	0.24	48	55†
RWU8BK-NPV	8	7	80	0.30	75	80
RWU6BK-NPV	6	7	80	0.34	109	105
RWU4BK-NPV	4	7	80	0.39	162	140
RWU3BK-NPV	3	7	80	0.41	198	165
RWU2BK-NPV	2	7	80	0.45	249	190
RWU1BK-NPV	1	19	95	0.51	312	220
RWU1/0BK-NPV	1/0	19	95	0.57	398	260
RWU2/0BK-NPV	2/0	19	95	0.59	481	300
RWU3/0BK-NPV	3/0	19	95	0.64	595	350
RWU4/0BK-NPV	4/0	19	95	0.70	738	405
RWU250BK-NPV	250	37	110	0.76	870	455
RWU300BK-NPV	300	37	110	0.81	1,031	500
RWU350BK-NPV	350	37	110	0.86	1,192	570
RWU400BK-NPV	400	37	110	0.91	1,352	615
RWU500BK-NPV	500	37	110	0.99	1,671	700
RWU600BK-NPV	600	61	125	1.09	2,012	780
RWU750BK-NPV	750	61	125	1.17	2,485	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.