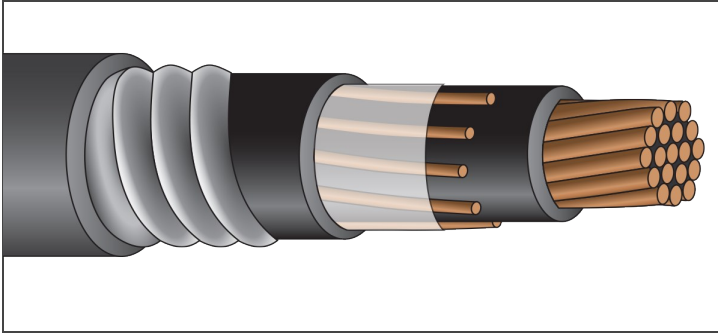


ARMORED CABLE



SERVICETECK® (TECK90)

RW90/PVC

1,000 Volt Copper
Single Conductor



Description:

Single copper conductor, stranded and insulated with heat and moisture resistant, chemically crosslinked polyethylene (*type RW90 1kV*), a served concentric ground and covered with mylar binder tape, inner jacket, aluminum interlocked armour, and outer PVC jacket.

Application:

Suitable for use in exposed or concealed wiring in dry or wet locations, in ventilated or ladder type cable trays in dry or wet conditions, on walls or beams, directly buried.

Suitable for use in hazardous locations: Class I - Groups A, B, C and D, Class II - Groups E, F and G, Class III - All Groups

Standards:

UL 1569
C(UL) Teck 90: UL Listed/C(UL): Certified by UL for use in Canada
CSA C22.2 #131/#174
ICEA S-95-658/NEMA WC-70
Flame Rated: IEEE 383 (70,000 BTU), ICEA T-30-520 (70,000 BTU),
IEEE 1202/CSA FT-4, Two-hour Firewall
Temperature Rated at 90°C Wet/Dry, Cold Temperature Rated at -25°C
Sunlight and Oil Resistant II Jacket
Direct Burial (*includes encasement in concrete*)
RoHS Compliant

Part Number	Size (AWG or Kcmil)	Strand (no.)	Insulation Thickness (mils)	Grounding Conductor (AWG)	PVC Jacket Thickness Inner (mils)	PVC Jacket Thickness Outer (mils)	Diameter Inner Jacket	Diameter Armor	Diameter Overall	Approx. Net Weight (lb./1000')	Ampacity* (90°C)
PAAP6U	6	7	60	8	50	50	0.52	0.73	0.83	369	115
PAAP4U	4	7	60	6	50	50	0.57	0.77	0.87	468	140
PAAP3U	3	7	60	6	50	50	0.60	0.81	0.91	511	165
PAAP2U	2	7	60	6	50	50	0.63	0.83	0.93	572	190
PAAP1U	1	19	80	4	50	50	0.70	0.91	1.01	710	220
PAAP1/0U	1/0	19	80	4	50	50	0.73	0.95	1.05	807	260
PAAP2/0U	2/0	19	80	4	50	50	0.78	0.99	1.09	913	300
PAAP3/0U	3/0	19	80	3	50	50	0.90	1.11	1.21	1,105	350
PAAP4/0U	4/0	19	80	3	50	50	0.95	1.23	1.33	1,276	405
PAAP250U	250	37	95	2	50	50	1.05	1.33	1.43	1,512	455
PAAP350U	350	37	95	1	50	50	1.15	1.43	1.53	1,932	570
PAAP500U	500	37	95	1/0	50	60	1.29	1.57	1.69	2,558	700
PAAP750U	750	61	110	2/0	50	60	1.50	1.79	1.91	3,561	885

*Per NEC Table 310.15 (B)(16). NOTE: The data shown is approximate and subject to standard industry tolerances.