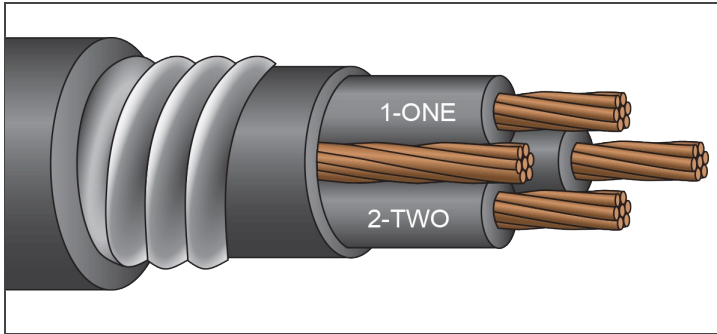


## ARMORED CABLE



## SERVICETECK® (TECK90)

### XHHW-2 or RW90/PVC

600 Volt Copper  
3 Conductor



### Description:

Stranded copper, insulated with heat and moisture resistant crosslinked polyethylene (type XHHW-2 or RW90), phase identified and cabled with bare copper ground conductor(s). Cable core covered with binder tape, an inner PVC jacket, aluminum interlocked armor 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:CSA/UL Listed  
ICEA S-95-658/NEMA WC-70

Flame Rated: IEEE 383 (70,000 BTU), ICEA T-29-520 (210,000 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)

Color Code: Black and Numbered

K-2 Solid Colors (#8 AWG)

(optional color codes available)

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)
PAAP8/3	8	7	45	10	50	50	0.62	0.83	0.93	478	55
PAAP6/3	6	7	45	8	50	50	0.70	0.91	1.01	648	75
PAAP4/3	4	7	45	8	50	50	0.81	1.01	1.11	854	95
PAAP3/3	3	7	45	6	50	50	0.86	1.07	1.17	1,017	115
PAAP2/3	2	7	45	6	50	50	0.93	1.13	1.23	1,185	130
PAAP1/3	1	19	55	6	50	50	1.04	1.31	1.41	1,459	145
PAAP1/03	1/0	19	55	6	50	50	1.13	1.41	1.51	1,736	170
PAAP2/03	2/0	19	55	6	50	50	1.22	1.49	1.59	2,059	195
PAAP3/03	3/0	19	55	4	50	60	1.33	1.61	1.73	2,544	225
PAAP4/03	4/0	19	55	4	50	60	1.45	1.73	1.85	3,053	260
PAAP250/3	250	37	65	4	50	60	1.57	1.85	1.97	3,452	290
PAAP350/3	350	37	65	3	60	60	1.80	2.09	2.21	4,623	350
PAAP500/3	500	37	65	2	60	75	2.07	2.35	2.50	6,352	430
PAAP600/3	600	61	80	2	60	75	2.30	2.57	2.72	7,520	475
PAAP750/3	750	61	80	1	75	75	2.54	2.85	3.00	9,265	535
PAAP1000/3	1000	61	80	1/0	75	85	2.54	3.27	3.44	12,170	615

\*Per NEC Table 310.15 (B)(16). Four-conductor ampacity assumes three are hot and one is neutral. NOTE: The data shown is approximate and subject to standard industry tolerances.