

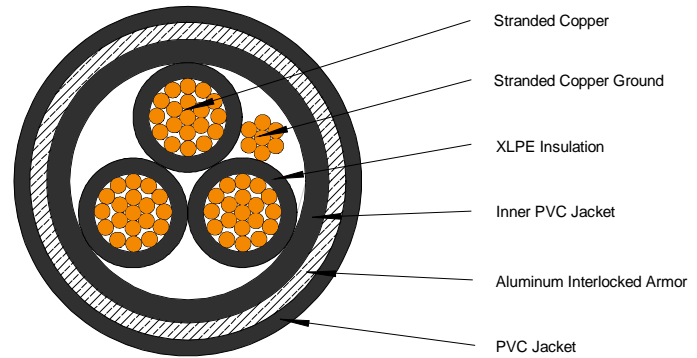
basic wire and cable

3900 N. ROCKWELL ST. CHICAGO, ILLINOIS 60618-3730, TEL: (773) 539-1800, FAX: (773) 539-3500

TYPE TECK-90

INTERLOCKED ARMOR POWER CABLE

Three Conductors w/Ground Wire
 XLPE Insulation
 Inner PVC Jacket
 Aluminum Interlocked Armor
 PVC Jacket
 1000 Volt, 90°C Wet/Dry



APPLICATIONS:

Teck-90 cable is suitable for use in exposed or concealed wiring at temperatures of 90°C in dry or wet locations, in ventilated or ladder type cable trays in dry or wet conditions, on walls or beams, or directly buried, for power and control circuits not exceeding 1000 volts in manufacturing and processing plants, substations and generating stations. Suitable for use in NEC Hazardous locations: Class I, Div. 2 and Class II, Div. 2.

CONSTRUCTION:

Stranded copper conductors, XLPE (Cross-Linked Polyethylene) insulated, phase-identified; three insulated conductors cabled together with a stranded copper grounding conductor in one of the interstices, fillers as necessary, inner black PVC (Polyvinyl Chloride) jacket, aluminum interlocked armor, black sunlight-resistant PVC jacket overall, surface printed.

STANDARDS:

1. ASTM B-3, B-8.
2. UL 44.
3. UL 1569 MC Type; cables meet or exceed CSA Std. C22.2, TECK-90/HL Type.
4. Sunlight Resistant, Direct Burial, For CT Use.
5. UL 1581, IEEE-383, IEEE-1202/CSA FT-4 Flame Tests.
6. ICEA S-95-658/NEMA WC70.

1000 VOLT, 90°C, THREE CONDUCTORS WITH GROUND, ARMORED

| BASIC CAT NO. | SIZE/ AWG. KCMIL | STRAND | INSUL. THICK. mils | GROUND WIRE SIZE/AWG. | DIAMETER OVER | | | WEIGHT lbs/mft |
|------------------|------------------------|--------|--------------------------|-----------------------------|------------------|--------------|----------------|-------------------|
| | | | | | INNER JKT in. | ARMOR in. | OVERALL in. | |
| 9-103-TK | 14 | 7 | 45 | 14 | .46 | .67 | .77 | 265 |
| 9-203-TK | 12 | 7 | 45 | 14 | .48 | .71 | .81 | 300 |
| 9-303-TK | 10 | 7 | 45 | 12 | .58 | .81 | .91 | 375 |
| 9-651-TK | 8 | 7 | 45 | 10 | .64 | .85 | .95 | 490 |
| 9-652-TK | 6 | 7 | 60 | 8 | .79 | 1.01 | 1.11 | 725 |
| 9-653-TK | 4 | 7 | 60 | 8 | .94 | 1.24 | 1.34 | 975 |
| 9-653-T3 | 3 | 7 | 60 | 6 | .99 | 1.28 | 1.38 | 1140 |
| 9-654-TK | 2 | 7 | 60 | 6 | 1.07 | 1.46 | 1.56 | 1320 |
| 9-655-TK | 1 | 19 | 80 | 6 | 1.22 | 1.56 | 1.68 | 1600 |
| 9-656-TK | 1/0 | 19 | 80 | 6 | 1.31 | 1.69 | 1.81 | 1915 |
| 9-657-TK | 2/0 | 19 | 80 | 6 | 1.42 | 1.82 | 1.94 | 2235 |
| 9-658-TK | 3/0 | 19 | 80 | 4 | 1.53 | 1.90 | 2.02 | 2680 |
| 9-659-TK | 4/0 | 19 | 80 | 4 | 1.66 | 1.97 | 2.09 | 3225 |
| 9-660-TK | 250 | 37 | 90 | 4 | 1.84 | 2.21 | 2.36 | 3820 |
| 9-662-TK | 350 | 37 | 90 | 3 | 2.08 | 2.44 | 2.59 | 5000 |
| 9-663-TK | 500 | 37 | 90 | 3 | 2.36 | 2.64 | 2.79 | 6610 |
| 9-665-TK | 750 | 61 | 90 | 2 | 2.83 | 3.03 | 3.20 | 9300 |
| 9-666-TK | 1000 | 61 | 90 | 1 | 3.16 | 3.36 | 3.53 | 12230 |

Dimensional data not binding. We reserve the right to alter specifications without notice.
 SHIPPING TOLERANCE +/- 10%

TECK90.JAC

