

1kV Teck 90, Multi-conductor w/ Ground

Aluminum Interlocked Armor
Multi-conductor with Ground
Teck 90 - PVC - 1kV



*Product images are for illustrative purposes only and may differ from the actual product.

Category Conductor Description:

- Bare copper Class B In sizes 8 AWG to 1000 kcmil, the conductors may be compact stranded to reduce cable diameter and weight

Category Assembly Description:

- Cabled in concentric layers with grounding wire, interstices are filled with suitable nonhygroscopic fillers, as required A binder tape of synthetic material assembles the core in an essentially round configuration, as required

Inner Jacket:

- Black, lead-free, flame retardant, moisture and sunlight resistant Polyvinyl Chloride (PVC)

Outer Jacket:

- Black, lead-free, flame retardant, moisture and sunlight resistant Polyvinyl Chloride (PVC)

Standards:

- UL 1581
- IEEE 1202

Category Insulation Description:

- Cross-linked Polyethylene (XLPE) Type RW90

Ground:

- The ground consists of one uninsulated stranded bare copper conductor

Armor:

- Aluminum interlocked armor

Applications:

- Suitable for use in ventilated, non-ventilated and ladder cable trays, direct earth burial or raceways, and for exposed or concealed wiring in wet, damp or dry locations
- Suitable for use in wet or dry locations when installed in accordance with the NEC
- Suitable for use in all hazardous locations when used with certified HL cable glands

- OSHA Acceptable
- Hazardous location rating - HL
- CSA FFT1 & FT4
- CSA Standard C22.2 No. 131 and 186

Part Number Table

| Part# | Gauge | Conductors | Ground Gauge | Insulation Thickness | Nominal OD over Armor | Outside Diameter Inches | Material Weight (Lbs./M') | Material Weight (KG/KM) |
|--------------|--------------|-------------------|---------------------|-----------------------------|------------------------------|--------------------------------|----------------------------------|--------------------------------|
| T30803 | 8 | 3 | 10 | 0.045 | .860 | 0.94 | 482 | 717 |
| T30804 | 8 | 4 | 10 | 0.045 | .920 | 1 | 570 | 848 |
| T30603 | 6 | 3 | 8 | 0.06 | 1.03 | 1.13 | 695 | 1034 |
| T30604 | 6 | 4 | 8 | 0.06 | 1.04 | 1.25 | 883 | 1314 |
| T30403 | 4 | 3 | 8 | 0.06 | 1.16 | 1.25 | 950 | 1413 |
| T30404 | 4 | 4 | 8 | 0.06 | 1.18 | 1.35 | 1161 | 1727 |
| T30203 | 2 | 3 | 6 | 0.06 | 1.28 | 1.37 | 1300 | 1934 |
| T30204 | 2 | 4 | 6 | 0.06 | 1.45 | 1.46 | 1568 | 2333 |
| T31/003 | 1/0 | 3 | 6 | 0.08 | 1.56 | 1.68 | 1871 | 2784 |
| T32/003 | 2/0 | 3 | 6 | 0.08 | 1.65 | 1.77 | 2177 | 3239 |
| T33/003 | 3/0 | 3 | 4 | 0.08 | 1.75 | 1.87 | 2619 | 3897 |
| T34/003 | 4/0 | 3 | 4 | 0.08 | 1.86 | 1.98 | 3176 | 4726 |
| T335003 | 350 | 3 | 3 | 0.09 | 2.26 | 2.4 | 4989 | 7424 |
| T350003 | 500 | 3 | 3 | 0.09 | 2.52 | 2.66 | 6706 | 9979 |

Note: The information in this specification sheet is approximate and subject to standard industry and manufacturer tolerances. Please verify specific requirements with your Omni Cable account manager.

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