

## 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

Color Code Chart	
# of Conductors	Color
1	Red
2	Black
3	Blue
4	White

**Part Number Table**

<b>Part#</b>	<b>Gauge</b>	<b>Conductors</b>	<b>Ground Gauge</b>	<b>Insulation Thickness</b>	<b>Nominal OD over Armor</b>	<b>Outside Diameter Inches</b>	<b>Material Weight (Lbs./M')</b>	<b>Material Weight (KG/KM)</b>
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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