

TECK90

XLPE/PVC/AIA/PVC, Control and Power, Armored 1000 V
CSA TECK90, Four Conductor

Product Construction:

Conductor:

- 14 AWG thru 8 AWG bare copper Class B compressed concentric round to ASTM B8
- 6 AWG thru 1000 kcmil bare copper compact Class B strand

Insulation:

- Cross-linked Polyethylene (XLPE), Type RW90
- Color-coded: 14 AWG to 2 AWG—black, red, blue and white; 1 AWG to 1000 kcmil—printed numbers

Ground (Bonding) Conductor:

- The conductor consists of one uninsulated stranded bare copper conductor

Inner Jacket:

- Lead-free, flame-retardant, moisture- and sunlight-resistant Polyvinyl Chloride (PVC), black

Armor:

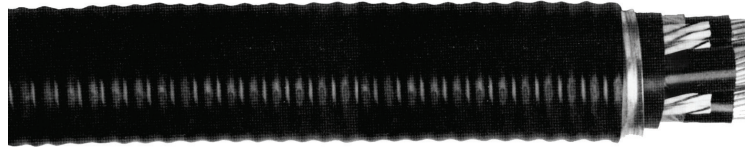
- Aluminum Interlocked Armor (AIA)

Overall Jacket:

- Lead-free, ACID-FLAME-CHECK $\sqrt{\sqrt{}}$ AG14 flame-retardant, moisture- and sunlight-resistant Polyvinyl Chloride (PVC), black

Options:

- Galvanized Steel Interlocked Armor (GSIA)



Applications:

- For exposed and concealed wiring in dry, damp or wet locations
- For use in ventilated, non-ventilated and ladder-type cable trays in dry, damp or wet locations
- For direct earth burial (with protection as required by inspection authority)
- For wiring in all hazardous locations when used with certified HL cable glands

Features:

- Rated at 90°C wet or dry
- Excellent crush, oil and chemical resistance
- Provides long service life
- Meets cold bend and impact tests at -40°C

Compliances:

Industry Compliances:

- CSA Standard C22.2 No. 131 and No. 174

Flame Test Compliances:

- CSA FT1 and FT4
- IEEE 1202 (70,000 BTU/hr) CSA FT4

Other Compliances:

- Hazardous Location Rating: HL
- EPA 40 CFR, Part 261 for leachable lead content per TCLP method
- OSHA Acceptable
- RoHS Compliant

Packaging:

- For Canadian customers, lengths are provided on returnable wood or steel reels that require a deposit. Extra charges apply for lagging, pulling eyes, paralleling and plexing
- For U.S. customers, material cut to length and shipped on non-returnable wood reels, while lengths in excess of 10,000 lbs. are provided on returnable steel reels that require a deposit. Extra charges apply for cuts less than 1000 ft., lagging, pulling eyes, paralleling and plexing

CATALOG NUMBER	NO. OF COND.	COND. SIZE (AWG/ kcmil)	GROUND WIRE SIZE (AWG)	MIN. AVG. INS. THICKNESS		NOMINAL DIAMETER (OVER)						COPPER WEIGHT		NET WEIGHT W/ARMOR				AMPACITY** (30 °C AMBIENT)
						INSULATION		ARMOR		CABLE				LBS/1000 FT		kg/km		
				INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	LBS/ 1000 FT	kg/ km	AL	STEEL	AL	STEEL	
				14 AWG THRU 1000 kcmil—FOUR CONDUCTOR—1000 V														
321940*	4	14	14	0.045	1.14	0.17	4.2	0.72	18.3	0.80	20.3	68	101	290	440	430	660	25
793180*	4	12	14	0.045	1.14	0.18	4.6	0.82	20.8	0.91	23.0	95	142	347	513	517	764	30
793160*	4	10	12	0.045	1.14	0.21	5.3	0.88	22.2	0.96	24.5	151	225	427	606	635	902	40
331250	4	8	10	0.045	1.14	0.24	6.0	0.98	24.8	1.06	27.0	241	358	594	868	884	1291	55
11288.030600	4	6	8	0.060	1.52	0.29	7.4	1.16	29.4	1.25	31.7	382	569	898	1255	1337	1867	75
11288.020400	4	4	8	0.060	1.52	0.34	8.6	1.24	31.5	1.33	33.7	578	861	1106	1460	1646	2173	95
11288.020300	4	3	6	0.060	1.52	0.37	9.3	1.30	33.1	1.39	35.4	746	1109	1302	1677	1937	2495	115
11288.020200	4	2	6	0.060	1.52	0.40	10.0	1.37	34.9	1.46	37.1	919	1367	1514	1911	2253	2844	130
11288.040100	4	1	6	0.080	2.03	0.47	11.9	1.59	40.4	1.70	43.1	1139	1695	1930	2420	2871	3601	145
11288.025100	4	1/0	6	0.080	2.03	0.51	12.8	1.68	42.6	1.79	45.3	1413	2102	2239	2759	3331	4105	170
11288.025200	4	2/0	6	0.080	2.03	0.55	13.9	1.78	45.3	1.89	48.0	1759	2618	2658	3214	3955	4782	195
11288.025300	4	3/0	4	0.080	2.03	0.60	15.1	1.90	48.2	2.00	50.9	2245	3341	3225	3884	4799	5780	225
11288.045400	4	4/0	4	0.080	2.03	0.64	16.3	2.08	52.7	2.18	55.4	2796	4160	3960	4688	5892	6975	260
11288.046000	4	250	4	0.090	2.29	0.71	17.9	2.23	56.5	2.33	59.2	3281	4883	4625	5410	6881	8050	290
11288.026200	4	350	3	0.090	2.29	0.80	20.3	2.45	62.3	2.58	65.6	4572	6803	6056	6927	9011	10307	350
11288.036500*	4	500	3	0.090	2.29	0.92	23.4	2.75	69.7	2.88	73.1	6457	9608	8159	9142	12140	13603	430
11288.057000*	4	750	2	0.090	2.29	1.16	29.4	3.24	82.3	3.42	86.9	9658	14232	12411	13683	18468	20360	535
11288.037500*	4	1000	1	0.090	2.29	1.31	33.2	3.65	92.7	3.84	97.6	9612	19173	15800	23510	23500	34968	615

Dimensions and weights are nominal; subject to industry tolerances.

*Non-stock item; minimum runs apply. Please consult Customer Service for price and delivery.

**Ampacity is based on CE Code Part 1, Table 2 (Three conductors in raceway [conduit]) and Rule 4-004.

Ampacity of 4 conductor cable is based on 3 current-carrying conductors and 1 neutral.