



POWER KABEL INC.

TECK90-HL 1KV
 4C ALUM XLP INSULATION ALUMINUM ARMOR OVERALL PVC JACKET CSA (-40°C) FT4

APPLICATIONS & FEATURES:

For concealed wiring in dry or wet locations For exposed wiring in dry or wet locations. For exposed and wiring in dry, locations where subjected to corrosive action if suitable for corrosive conditions encountered. For exposed wiring where subjected to the weather. For use in ventilated, Non-ventilated and ladder-type cable trays in dry or wet locations. For direct earth burial (with protection as required by inspection authority). For service entrance above or below ground.

INDUSTRY COMPLIANCES:

ASTM B800 8000 Series Aluminum Alloy Wire	CSA LTGG [-40°C] as per C68.10 - for Cold Bend and Impact rating
CSA C22.2 No. 131 Type TECK 90 Cable	CSA HL - for Hazardous Locations rating
CSA C22.2 No. 174 Cables in Hazardous Locations	CSA SUN RES - for Sunlight Resistant rating
CSA C22.2 No. 2556 & No. 0.3 Wire and Cable Test Methods	CSA AG14 - Acid Gas Compliance CSA AWM IB 105°C 600V. FT4-ST1, IEEE 1202 FT4 Flame Test (70,000) BTU/hr Vertical Tray Test

CONSTRUCTION

CONDUCTORS:	6 AWG. Thru 750 kcmil, aluminum (8000 series aluminum) compact class "B" strand strand
INSULATION:	Cross-Linked Polyethylene (XLPE), Color Code: Black and numbered
GROUND CONDUCTOR:	Uninsulated Aluminum Class B stranded grounding conductor
ASSEMBLY:	Oil Impregnated Kraft Paper Binder
INNER JACKET:	Polyvinyl Chloride (PVC), black
ARMOR:	Aluminum interlocked armor
OUTER JACKET:	Low acid gas, flame-retardant, moisture and sunlight resistant Polyvinyl Chloride (PVC), black

AWG SIZE & STDS	Number of CONDUCTORS	Insulation Thickness (mils)	Ground Size (AWG)	Cable Diameters in Inches			Net Wt. (Lbs/Mft)
				INSULATION	Over Armor	Outer Jacket	
1/0-19str	4	80	4	0.496	1.57	1.68	1163
2/0-19str	4	80	4	0.536	1.66	1.947	1279
3/0-19str	4	80	4	0.583	1.76	2.08	1444
4/0-19str	4	80	2	0.635	1.89	2.189	1671
250-37str	4	90	2	0.7	2.14	2.41	1890
350-37str	4	90	2	0.796	2.29	2.684	2453
500-37str	4	90	1	0.916	2.54	2.959	3278
750-61str	4	90	1/0	1.088	2.91	3.38	4181

All values are nominal and subject to correction.