



POWER KABEL INC.

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

APPLICATIONS & FEATURES

For exposed or concealed wiring in wet or dry locations. For use in ventilated, non-ventilated and ladder type cable troughs and ventilated flexible cableway in wet, dry, hazardous locations or direct buried. Sunlight Resistant. Typical applications are for control, lighting and power circuits in: pulp and paper mills, steel mills, food processing plants, commercial centers, mines, generating stations, refineries, industrial plants and chemical plants. AG14 - Acid Gas Compliance. Voltage 1000V CSA / 600V UL.

INDUSTRY COMPLIANCES

ASTM B800 8000 Series Aluminum Alloy Wire	CSA HL - for Hazardous Locations rating
CSA C22.2 No. 131 Type TECK 90 Cable	CSA SUN RES - for Sunlight Resistant rating
CSA C22.2 No. 174 Cables in Hazardous Locations	IEEE 1202 FT4 Flame Test (70,000) BTU/hr Vertical Tray Test
CSA C22.2 No. 2556 / UL 2556 Cable Test Methods	

CONSTRUCTION

CONDUCTOR:	Bare aluminum (8000 series aluminum) compact class "B" strand
INSULATION:	Cross-linked Polyethylene (XLPE) Type RW90
GROUNDING CONDUCTORS:	Uninsulated copper grounding conductor
BINDER:	Mylar 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 & STRANDS	Number of CONDUCTORS	Insulation Thickness (mil)	Ground Size (No X AWG)	Cable Diameters (inches)			Net Wt. (Lbs/Mft)
				Conductor	Insulation	Outer Jacket	
4/0-19str	1	90	10x14	0.475	0.635	1.307	633
250-37str	1	90	13x14	0.52	0.7	1.372	750
350-37str	1	90	11x12	0.616	0.795	1.305	1002
400-37str	1	90	11 12	0.659	0.839	1.349	1072
500-37str	1	90	13X12	0.736	0.916	1.64	1136
750-61str	1	90	10X10	0.908	1.088	1.8	1500
1000-61str	1	90	10X10	1.06	1.24	1.952	1809

All values are nominal and subject to correction.