

TECK90 (XLPE) 4C- 1000 Volts -40°C Copper



ASTM **4 Conductors** Class B stranded soft bare copper conductor. Insulation XLPE, with a stranded bare class B bonding conductor. Interlocking aluminum armour is applied directly over the black PVC inner jacket. Finished by a low acid, gas, flame-retardant, moisture and sunlight resistant black PVC jacket.

Specifications and Compliance: Industry compliances: CSA C22.2 No. 131, Type TECK90 cable, CSA C22.2 No. 174, Cables and cable glands for use in hazardous locations, CSA C22.2 No. 38, Thermoset-insulated wires and cables (Type RW90), CSA -40°C Cold Bend and -40°C Cold Impact Sunlight Resistant, Low Acid Gas, Direct Burial

Flame test compliances: C22.2 No. 2556 FT4 Vertical-Tray Flame Test, CSA FT4, CSA AG14

RW Item #	Conductor			Approximate Diameters			*Ampacity at 90°C	Total Weight (lbs/km)	
	AWC No.	Size	Bonding Conductor	Insulation (inches)	Inner Jacket	Armour			Outer Covering
TK14-04-1KV	4	14	14	.045	.486	.686	.773	20	925
TK12-04-1KV	4	12	14	.045	.563	.763	.850	24	1,168
TK10-04-1KV	4	10	12	.045	.621	.821	.908	32	1,430
TK08-04	4	8	10	.045	.670	.910	.995	55	1,913
TK06-04	4	6	8	.060	.920	1.160	1.245	75	2,749
TK04-04	4	4	8	.060	1.085	1.325	1.410	95	3,681
TK03-04	4	3	6	.060	1.115	1.355	1.440	115	4,458
TK02-04	4	2	6	.060	1.160	1.400	1.490	130	5,183
TK01-04	4	1	6	.080	1.325	1.565	1.650	145	6,322
TK001-04	4	1/0	6	.080	1.380	1.620	1.705	170	7,530
TK002-04	4	2/0	6	.080	1.415	1.655	1.755	195	8,895
TK003-04	4	3/0	4	.080	1.530	1.770	1.880	225	11,139
TK004-04	4	4/0	4	.080	1.750	1.990	2.085	260	13,770
TK250-04	4	250	4	.090	1.980	2.220	2.320	290	15,843
TK300-04	4	300	4	.090	2.045	2.346	2.477	320	18,472
TK350-04	4	350	3	.090	2.295	2.405	2.535	350	20,995
TK400-04	4	400	3	.090	2.259	2.456	2.691	380	23,400
TK500-04	4	500	3	.090	2.614	2.724	3.105	430	28,068

All dimensions are nominal and are subject to normal manufacturing tolerance. Specifications are subject to change without notice.

*Ampacity values based on CEC Part I 2018, Table 2. Correction factors may apply

Colour Code

- 4C – Black, white, red, & blue
- 1AWG and larger black with number coding