

TECK90 (XLPE) 1C 1000 Volts -40°C Copper



ASTM **Single Conductor** Class B stranded soft bare copper conductor. Insulation is XLPE, with a concentric stranded bare class B bonding conductor. Interlocking aluminum armour is applied directly over the black PVC inner jacket. Finished by a 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, Direct Burial

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

RW Item No.	Conductor		Bonding Conductor	Insulation (inches)	Inner Jacket (inches)	Approximate Diameters			*Ampacity	Total Weight (lbs/km)
	No.	AWG Size				Inner Jacket	Armour	Outer Covering		
TK250-01	1	250	2	.090	.060	.955	1.247	1.355	425	4,809
TK300-01	1	300	2	.090	.060	1.005	1.280	1.409	480	5,626
TK350-01	1	350	1	.090	.060	1.080	1.353	1.465	530	6,388
TK400-01	1	400	1	.090	.060	1.123	1.398	1.527	575	7,100
TK500-01	1	500	1/0.	.090	.060	1.278	1.514	1.625	660	8,517
TK600-01	1	600	1/0.	.090	.060	1.408	1.553	1.882	740	9,712
TK750-01	1	750	2/0.	.090	.060	1.408	1.683	1.812	845	11,969
TK1000-01	1	1000	2/0	.090	.060	1.561	1.911	2.045	1,000	15,355

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

Colour Code

- 1C - Black, with concentric bonding wire

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