

14AWG Teck 90 600V 90°C



APPLICATION:

Teck 90 is for use in power, control and lighting circuits at industrial and chemical plants, pulp and paper mills, steel mills, mines, power generating facilities, food processing plants and commercial centers. It is suitable for installation in wet or dry locations in troughs, trays and in direct burial applications. Teck 90 is for applications up to 600 volts and temperatures from -40°C to +90°C.

CONDUCTORS:

- Class B stranded soft drawn bare copper conductors per ASTM

INSULATION:

- Cross-Linked Polyethylene (XLP) insulation

GROUND:

- Bare stranded soft drawn grounding conductor

INNER JACKET:

- Black Polyvinyl Chloride (PVC) inner jacket

ARMOR:

- Interlocked aluminum tape armor

OUTER JACKET:

- -40°C black Polyvinyl Chloride (PVC) outer jacket, which is water, chemical, sunlight and abrasion resistant

STANDARDS:

- CSA C22.2, No. 131
- CSA C22.2, No. 174
- FT4 flame test

Part Number	Conductor Size	No. of Conductors	Ground Wire Size	Insulation Thickness	Inner Jacket Thickness	Inner Jacket Diameter	Armor Diameter	Outer Jacket Diameter	Weight
	AWG		AWG	inches	inches	inches	inches	inches	lbs/ft
14-02 TECK90	14	2	14	0.030	0.045	0.380	0.580	0.690	194
14-03 TECK90	14	3	14	0.030	0.045	0.450	0.650	0.760	233
14-04 TECK90	14	4	14	0.030	0.045	0.480	0.680	0.790	259
14-05 TECK90	14	5	14	0.030	0.045	0.480	0.680	0.790	278
14-06 TECK90	14	6	14	0.030	0.045	0.520	0.720	0.830	309
14-07 TECK90	14	7	14	0.030	0.045	0.550	0.750	0.860	336
14-08 TECK90	14	8	14	0.030	0.060	0.620	0.820	0.940	389
14-09 TECK90	14	9	14	0.030	0.060	0.640	0.840	0.950	411
14-10 TECK90	14	10	14	0.030	0.060	0.680	0.880	1.000	443
14-11 TECK90	14	11	14	0.030	0.060	0.720	0.920	1.030	473
14-12 TECK90	14	12	14	0.030	0.060	0.740	0.940	1.050	497
14-15 TECK90	14	15	14	0.030	0.060	0.770	0.970	1.080	559
14-20 TECK90	14	20	14	0.030	0.060	0.880	1.100	1.210	726
14-25 TECK90	14	25	14	0.030	0.080	1.020	1.240	1.360	899
14-30 TECK90	14	30	14	0.030	0.080	1.090	1.310	1.430	1013
14-40 TECK90	14	40	14	0.030	0.080	1.210	1.430	1.550	1237
14-50 TECK90	14	50	14	0.030	0.080	1.330	1.550	1.670	1459

All values are nominal and subject to correction



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