

12AWG 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
12-02 TECK90	12	2	14	0.030	0.045	0.420	0.620	0.730	223
12-03 TECK90	12	3	14	0.030	0.045	0.440	0.640	0.750	256
12-04 TECK90	12	4	14	0.030	0.045	0.530	0.736	0.840	308
12-05 TECK90	12	5	14	0.030	0.045	0.530	0.730	0.850	338
12-06 TECK90	12	6	14	0.030	0.060	0.610	0.810	0.930	401
12-07 TECK90	12	7	14	0.030	0.060	0.640	0.840	0.960	437
12-08 TECK90	12	8	14	0.030	0.060	0.690	0.890	1.000	479
12-09 TECK90	12	9	14	0.030	0.060	0.710	0.910	1.020	512
12-10 TECK90	12	10	14	0.030	0.060	0.760	0.960	1.080	555
12-12 TECK90	12	12	14	0.030	0.060	0.820	1.040	1.160	669
12-15 TECK90	12	15	14	0.030	0.060	0.860	1.080	1.200	761
12-20 TECK90	12	20	14	0.030	0.080	1.020	1.240	1.360	981
12-25 TECK90	12	25	14	0.030	0.080	1.140	1.360	1.480	1160
12-30 TECK90	12	30	14	0.030	0.080	1.220	1.440	1.560	1320
12-50 TECK90	12	50	14	0.030	0.080	1.490	1.710	1.850	1983
12-100 TECK90	12	100	14	0.030	0.110	2.090	2.340	2.480	3815

All values are nominal and subject to correction



1-877-611-5122
www.PriorityWire.ca



©2023 Priority Wire & Cable
07-2023