

Teck 90-HL Cable

600 and 1000 Volt

Teck 90-HL armoured and jacketed cables are suitable for exposed or concealed wiring in wet or dry locations where cables are subject to the risk of mechanical damage and chemical abuse. It can be used in ventilated or non-ventilated ladder type cable tray or troughs and for direct burial for Class I, Div 2 locations.

Cables are certified to CSA C22.2, No. 131 & N. 174.

Stocked on bulk reels and cut to length as needed.

Teck 90-HL 1000V

Application: Teck 90-HL cables are 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, tray, in direct burial and hazardous applications. Teck90-HL is for applications up to 1000 volts and temperatures from -40°C to +90°C.

Conductors: Teck 90-HL conductors are class B stranded soft drawn bare copper per ASTM B-3 & B-8.

Insulation: Teck 90-HL has an abrasion, heat and moisture resistant color coded cross-linked polyethylene (XLP) insulation.

Assembly: Teck 90-HL conductors are cabled together with a stranded bare copper ground a non-hydroscopic fillers where required to make the cable core round.

Inner Jacket: Teck 90-HL has a black polyvinyl chloride (PVC) inner jacket.

Armor: Teck 90-HL has an interlocking aluminum tape armor applied over the inner jacket.

Outer Jacket: Teck 90-HL has a -40C to +90C, black polyvinyl chloride PVC jacket applied over the armor, which is water, chemical, sunlight and abrasion resistant.

Standards: Teck 90-HL meets or exceeds the following standards
 CSA 22.2 No. 131 & No. 174 (C(UL) Listed 1kv) UL listed for Direct Burial and Sunlight resistance
 Hazardous Locations Class 1 Division II
 ASTM B-3 & B-8
 FT-4 flame test

Part Number	Conductor size AWG	No of Conductors	Ground AWG	Insulation Thickness (in.)	Inner Jacket Thickness (in.)	DIAMETERS			Weight (lbs/km)
						Inner PVC Jacket (in.)	Aluminum Armor (in.)	Outer PVC Jacket (in.)	
8-03 TECK90-HL	8	3	10	0.045	0.060	0.72	0.99	1.07	1595
8-04 TECK90-HL	8	4	10	0.045	0.060	0.74	1.05	1.14	1798
6-03 TECK90-HL	6	3	8	0.060	0.060	0.89	1.15	1.23	2431
6-04 TECK90-HL	6	4	8	0.060	0.080	0.96	1.27	1.36	2956
4-03 TECK90-HL	4	3	8	0.060	0.080	0.98	1.30	1.38	3097
4-04 TECK90-HL	4	4	8	0.060	0.080	1.08	1.39	1.48	3833
3-03 TECK90-HL	3	3	6	0.060	0.080	1.11	1.36	1.45	3809
3-04 TECK90-HL	3	4	6	0.060	0.080	1.15	1.47	1.55	4505
2-03 TECK90-HL	2	3	6	0.060	0.080	1.05	1.43	1.52	4173
2-04 TECK90-HL	2	4	6	0.060	0.080	1.23	1.55	1.65	5193
1-03 TECK90-HL	1	3	6	0.080	0.080	1.31	1.62	1.72	5138
1-04 TECK90-HL	1	4	6	0.080	0.080	1.44	1.76	1.86	6667
1/0-03 TECK90-HL	1/0	3	6	0.080	0.080	1.39	1.71	1.81	5936
1/0-04 TECK90-HL	1/0	4	6	0.080	0.080	1.54	1.86	1.96	7759
2/0-03 TECK90-HL	2/0	3	6	0.080	0.080	1.50	1.82	1.92	7058
2/0-04 TECK90-HL	2/0	4	6	0.080	0.080	1.66	1.98	2.08	9006
3/0-03 TECK90-HL	3/0	3	4	0.080	0.080	1.62	1.93	2.04	8498
3/0-04 TECK90-HL	3/0	4	4	0.080	0.080	1.79	2.11	2.21	11149
4/0-03 TECK90-HL	4/0	3	4	0.080	0.080	1.87	2.20	2.31	10515
4/0-04 TECK90-HL	4/0	4	4	0.080	0.110	2.00	2.39	2.50	13682
250-03 TECK90-HL	250	3	4	0.090	0.110	1.97	2.36	2.49	12549
250-04 TECK90-HL	250	4	4	0.090	0.110	2.18	2.57	2.7	15712
350-03 TECK90-HL	350	3	3	0.090	0.110	2.2	2.60	2.73	16289
350-04 TECK90-HL	350	4	3	0.090	0.110	2.44	2.84	2.97	20692
500-03 TECK90-HL	500	3	2	0.090	0.110	2.5	2.90	3.03	21984
500-04 TECK90-HL	500	4	3	0.090	0.110	2.78	3.17	3.32	27684
750-03 TECK90-HL	750	3	2	0.090	0.140	2.99	3.38	3.52	30810
750-04 TECK90-HL	750	4	2	0.090	0.140	3.31	3.71	3.85	40718
1000-03 TECK90-HL	1000	3	1	0.090	0.140	3.34	3.73	3.88	39554
1000-04 TECK90-HL	1000	4	1	0.090	0.140	3.71	4.10	4.25	15800

All values are nominal and subject to correction.



In U.S. 1-800-945-5542 · www.prioritywire.com · Fax: 1-501-372-1103
 Stock in multiple locations, please call for P & D

In Canada 1-877-611-5122 · www.prioritywire.ca · Fax: 1-905-564-9769
 Stock in Toronto at 6789 Airport Rd, Mississauga, ON L4V 1E6

Teck 90-HL 600V

- Application:** Teck 90-HL cables are 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, tray, in direct burial and hazardous applications. Teck90-HL is for applications up to 600 volts and temperatures from -40°C to +90°C.
- Conductors:** Teck 90-HL conductors are class B stranded soft drawn bare copper per ASTM B-3 & B-8.
- Insulation:** Teck 90-HL has an abrasion, heat and moisture resistant color coded cross-linked polyethylene (XLP) insulation.
- Assembly:** Teck 90-HL conductors are cabled together with a stranded bare copper ground a non-hydroscopic fillers where required to make the cable core round.
- Inner Jacket:** Teck 90-HL has a black polyvinyl chloride (PVC) inner jacket.
- Armor:** Teck 90-HL has an interlocking aluminum tape armor applied over the inner jacket.
- Outer Jacket:** Teck 90-HL has a -40C to +90C, black polyvinyl chloride PVC jacket applied over the armor, which is water, chemical, sunlight and abrasion resistant.
- Standards:** Teck 90-HL meets or exceeds the following standards
 CSA 22.2 No.131 & No. 174 (C(UL) & UL Listed 600v)
 Hazardous Locations Class 1 Division II
 ASTM B-3 & B-8
 FT-4 flame test

Part Number	Conductor size AWG	No of Conductors	Ground AWG	Insulation Thickness (in.)	Inner Jacket Thickness (in.)	DIAMETERS			Weight (lbs/km)
						Inner PVC Jacket (in.)	Aluminum Armor (in.)	Outer PVC Jacket (in)	
10-02TECK90-HL	10	2	12	0.030	0.045	0.47	0.67	0.78	889
10-03TECK90-HL	10	3	12	0.030	0.045	0.56	0.76	0.87	1109
10-04TECK90-HL	10	4	12	0.030	0.045	0.60	0.80	0.91	1272
10-05TECK90-HL	10	5	12	0.030	0.060	0.63	0.83	0.94	1486
10-06TECK90-HL	10	6	12	0.030	0.060	0.68	0.88	1.00	1676
10-07TECK90-HL	10	7	12	0.030	0.060	0.72	0.92	1.03	1843
10-08TECK90-HL	10	8	12	0.030	0.060	0.78	0.98	1.09	2034
10-09TECK90-HL	10	9	12	0.030	0.060	0.80	1.02	1.14	2319
10-10TECK90-HL	10	10	12	0.030	0.060	0.86	1.08	1.19	2516
10-12TECK90-HL	10	12	12	0.030	0.080	0.97	1.19	1.31	3008
10-15TECK90-HL	10	15	12	0.030	0.080	1.01	1.23	1.35	3444
10-20TECK90-HL	10	20	12	0.030	0.080	1.15	1.37	1.49	4271
10-25TECK90-HL	10	25	12	0.030	0.080	1.29	1.51	1.63	5091
10-30TECK90-HL	10	30	12	0.030	0.080	1.37	1.59	1.73	5948

All values are nominal and subject to correction.



Part Number	Conductor size AWG	No of Conductors	Ground AWG	Insulation Thickness (in.)	Inner Jacket Thickness (in.)	DIAMETERS			Weight (lbs/km)
						Inner PVC Jacket (in.)	Aluminum Armor (in.)	Outer PVC Jacket (in.)	
12-02 TECK90-HL	12	2	14	0.030	0.045	0.42	0.62	0.73	732
12-03 TECK90-HL	12	3	14	0.030	0.045	0.44	0.64	0.75	839
12-04 TECK90-HL	12	4	14	0.030	0.045	0.53	0.73	0.84	1010
12-05 TECK90-HL	12	5	14	0.030	0.045	0.53	0.73	0.85	1108
12-06 TECK90-HL	12	6	14	0.030	0.060	0.61	0.81	0.93	1315
12-07 TECK90-HL	12	7	14	0.030	0.060	0.64	0.84	0.96	1433
12-08 TECK90-HL	12	8	14	0.030	0.060	0.69	0.89	1.00	1571
12-09 TECK90-HL	12	9	14	0.030	0.060	0.71	0.91	1.02	1679
12-10 TECK90-HL	12	10	14	0.030	0.060	0.76	0.96	1.08	1820
12-12 TECK90-HL	12	12	14	0.030	0.060	0.82	1.04	1.16	2195
12-15 TECK90-HL	12	15	14	0.030	0.060	0.86	1.08	1.20	2496
12-20 TECK90-HL	12	20	14	0.030	0.080	1.02	1.24	1.36	3218
12-25 TECK90-HL	12	25	14	0.030	0.080	1.14	1.36	1.48	3805
12-30 TECK90-HL	12	30	14	0.030	0.080	1.22	1.44	1.56	4330

Part Number	Conductor size AWG	No of Conductors	Ground AWG	Insulation Thickness (in.)	Inner Jacket Thickness (in.)	DIAMETERS			Weight (lbs/km)
						Inner PVC Jacket (in.)	Aluminum Armor (in.)	Outer PVC Jacket (in.)	
14-02 TECK90-HL	14	2	14	0.030	0.045	0.38	0.58	0.69	636
14-03 TECK90-HL	14	3	14	0.030	0.045	0.45	0.65	0.76	764
14-04 TECK90-HL	14	4	14	0.030	0.045	0.48	0.68	0.79	849
14-05 TECK90-HL	14	5	14	0.030	0.045	0.48	0.68	0.79	912
14-06 TECK90-HL	14	6	14	0.030	0.045	0.52	0.72	0.83	1014
14-07 TECK90-HL	14	7	14	0.030	0.045	0.55	0.75	0.86	1103
14-08 TECK90-HL	14	8	14	0.030	0.060	0.62	0.82	0.94	1276
14-09 TECK90-HL	14	9	14	0.030	0.060	0.64	0.84	0.95	1348
14-10 TECK90-HL	14	10	14	0.030	0.060	0.68	0.88	1.00	1453
14-11 TECK90-HL	14	11	14	0.030	0.060	0.72	0.92	1.03	1552
14-12 TECK90-HL	14	12	14	0.030	0.060	0.74	0.94	1.05	1630
14-15 TECK90-HL	14	15	14	0.030	0.060	0.77	0.97	1.08	1834
14-20 TECK90-HL	14	20	14	0.030	0.060	0.88	1.10	1.21	2382
14-25 TECK90-HL	14	25	14	0.030	0.060	1.02	1.24	1.36	2949
14-30 TECK90-HL	14	30	14	0.030	0.060	1.09	1.31	1.43	3324
14-40 TECK90-HL	14	40	14	0.030	0.060	1.21	1.43	1.55	4059
14-50 TECK90-HL	14	50	14	0.030	0.060	1.33	1.55	1.67	4786

Connectors are stocked in Canada for Teck 90 Cable, inquire with your quote.

