

CONSTRUCTION CHARACTERISTICS TABLE - FIREX® TECK90 600 V

Part Number	Number of Cond.	Insulation Thickness		Inner Jacket Thickness		Nominal Diameters						Approximate Net Cable Weight		Approximate Copper Content
		inches	mm	inches	mm	Inner Jacket		Armour		Outer Jacket		lb/kft	kg/km	kg/km
						inches	mm	inches	mm	inches	mm			
14 AWG TECK90 600 V 14 AWG GROUND - 30 A*														
12010006	2	0.030	0.76	0.0450	1.14	0.37	9.4	0.60	15.2	0.69	17.5	191	284	57
12000132	2	0.030	0.76	0.0450	1.14	0.37	9.4	0.60	15.2	0.69	17.5	191	284	57
12000133	3	0.030	0.76	0.0450	1.14	0.39	9.9	0.62	15.8	0.71	18.0	225	335	77
12000134	4	0.030	0.76	0.0450	1.14	0.44	11.3	0.68	17.2	0.76	19.3	266	396	96
12000135	5	0.030	0.76	0.0450	1.14	0.47	12.0	0.70	17.9	0.79	20.0	306	455	115
12000136	6	0.030	0.76	0.0450	1.14	0.52	13.1	0.74	18.9	0.83	21.0	316	471	134
12000137	7	0.030	0.76	0.0450	1.14	0.52	13.3	0.76	19.2	0.84	21.4	338	502	154
12000138	8	0.030	0.76	0.0600	1.52	0.60	15.2	0.83	21.0	0.91	23.1	384	571	173
12000113	10	0.030	0.76	0.0600	1.52	0.67	17.0	0.90	22.8	0.98	25.0	448	667	212
12000139	12	0.030	0.76	0.0600	1.52	0.70	17.8	0.93	23.6	1.01	25.7	489	728	250
12000103	15	0.030	0.76	0.0600	1.52	0.75	19.1	0.99	25.2	1.09	27.7	583	868	308
12000129	20	0.030	0.76	0.0600	1.52	0.85	21.6	1.11	28.1	1.19	30.2	766	1140	404
12000128	25	0.030	0.76	0.0800	2.03	0.98	25.0	1.24	31.5	1.33	33.7	852	1268	501
12000088	30	0.030	0.76	0.0800	2.03	1.06	26.9	1.31	33.3	1.40	35.5	995	1481	597
12000106	40	0.030	0.76	0.0800	2.03	1.18	30.0	1.43	36.4	1.52	38.9	1224	1822	790
12000105	50	0.030	0.76	0.0800	2.03	1.28	32.6	1.54	39.0	1.64	41.7	1468	2184	982
12 AWG TECK90 600 V 14 AWG GROUND - 20 A*														
12010007	2	0.030	0.76	0.045	1.14	0.41	10.3	0.64	16.2	0.72	18.4	238	354	80
12000140	2	0.030	0.76	0.045	1.14	0.41	10.3	0.64	16.2	0.72	18.4	238	354	80
12010008	3	0.030	0.76	0.045	1.14	0.43	10.9	0.66	16.8	0.75	18.9	280	417	111
12000141	3	0.030	0.76	0.045	1.14	0.43	10.9	0.66	16.8	0.75	18.9	280	417	111
12000142	4	0.030	0.76	0.045	1.14	0.50	12.8	0.73	18.6	0.82	20.8	298	443	141
12000143	6	0.030	0.76	0.060	1.52	0.60	15.2	0.83	21.0	0.91	23.2	402	598	203
12000112	8	0.030	0.76	0.060	1.52	0.66	16.7	0.88	22.5	0.97	24.7	476	708	264
12000144	10	0.030	0.76	0.060	1.52	0.74	18.9	0.99	25.1	1.08	27.4	531	790	325
12000130	12	0.030	0.76	0.060	1.52	0.78	19.7	1.04	26.3	1.13	28.6	651	969	387
12000000	15	0.030	0.76	0.060	1.52	0.84	21.4	1.10	28.0	1.19	30.2	755	1123	478
12000087	20	0.030	0.76	0.080	2.03	0.97	24.7	1.23	31.3	1.32	33.6	973	1448	632
10 AWG TECK90 600 V 12 AWG GROUND - 30 A*														
12000309	2	0.030	0.76	0.045	1.14	0.45	11.5	0.68	17.4	0.77	19.5	272	405	128
12000145	3	0.030	0.76	0.045	1.14	0.48	12.2	0.71	18.1	0.80	20.3	339	504	176
12000074	4	0.030	0.76	0.045	1.14	0.56	14.2	0.78	19.9	0.87	22.0	383	570	225
12000206	6	0.030	0.76	0.060	1.52	0.67	17.0	0.90	22.9	0.99	25.0	517	770	323
12000107	10	0.030	0.76	0.060	1.52	0.84	21.3	1.10	27.9	1.19	30.2	776	1154	518
12000109	20	0.030	0.76	0.080	2.03	1.10	27.9	1.36	34.5	1.45	36.7	1291	1966	1005
Notes:														
*Canadian Electrical Code Table 5C will apply if cable is used for power applications or the conductors are continuously loaded.														
· Dimensions and weights shown are nominal values, subject to standard manufacturing tolerances.														
· Ampacity in accordance with the Canadian Electrical Code, Part 1.														
· Derating required for more than 3 conductors.														