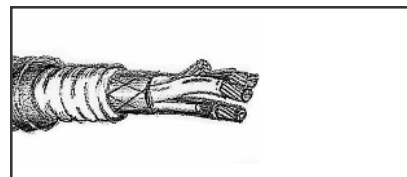


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## MULTI-CONDUCTOR TECK-90 C.S.A. (XLPE) 600 Volt 90°C, -40°C

**Application:** This cable is suitable for a wide range of applications, particularly in areas where cables are subject to the risk of mechanical damage and chemical abuse and can be used in both wet and dry locations, open wiring, ventilated, non-ventilated and ladder type cable troughs, ventilated flexible cable ways and in direct burial for Class 1 Division 1 locations. Cables are certified to CSA Standard C22.2 #131 and C22.2 #174 inner while both inner and outer jackets meet the acid gas evolution requirement of 14% maximum required by CSA Standard C22.2 #0.3 Clause 4.31. **Specifications:** • **Conductors:** Stranded, soft annealed bare copper in sizes 8 AWG to 1000kcmil, conductors are compact to reduce cable diameter and weight per ASTM B-3 Class B stranding per ASTM B-8. • **Separator:** For easy insulation stripping, thin polyester separator tape is applied over the conductor. • **Insulation:** Cross-linked polyethylene (XLPE). • **Ground Conductor:** Stranded soft bare annealed copper per ASTM B-8, Class B. • **Fillers:** When required, fillers are of non-hygroscopic materials. • **Core Binder:** When required, a binder tape is applied over the assembled core. • **Inner Jacket:** The jacket is 90°C and low-temperature rated, low acid gas emitting, flame-retardant black PVC. • **Armor:** Interlocking aluminum tape armor is applied directly over the inner jacket. • **Outer Jacket:** Black, low acid gas emitting, fire retardant PVC rated for low temperature.

Catalog No.	No. of Conductors	Inner Jacket Thickness	Approximate Diameters			Approximate Weight
			Inner Jacket	Armor	Outer Jacket	Aluminum Armor
14 AWG with No. 14 AWG Grounding Conductor and .030" XLPE Insulation Thickness						
P01P11	2	.045"	.38"	.58"	.69"	194 lb/kft
P02P11	3	.045"	.45"	.65"	.76"	233 lb/kft
P03P11	4	.045"	.48"	.68"	.79"	259 lb/kft
P04P11	5	.045"	.48"	.68"	.79"	278 lb/kft
P05P11	6	.045"	.52"	.72"	.83"	309 lb/kft
P06P11	7	.045"	.55"	.75"	.86"	336 lb/kft
P07P11	8	.060"	.62"	.82"	.94"	389 lb/kft
P08P11	9	.060"	.64"	.84"	.95"	411 lb/kft
P09P11	10	.060"	.68"	.88"	1.00"	443 lb/kft
P10P11	11	.060"	.72"	.92"	1.03"	473 lb/kft
P11P11	12	.060"	.74"	.94"	1.05"	497 lb/kft
P12P11	15	.060"	.77"	.97"	1.08"	559 lb/kft
P13P11	20	.060"	.88"	1.10"	1.21"	726 lb/kft
P14P11	25	.080"	1.02"	1.24"	1.36"	899 lb/kft
P15P11	30	.080"	1.09"	1.31"	1.43"	1013 lb/kft
P16P11	40	.080"	1.21"	1.43"	1.55"	1237 lb/kft
P17P11	50	.080"	1.33"	1.55"	1.67"	1459 lb/kft

\* Shipping Tolerances +/- 10%

\*\* Also available in Galvanized Steel Armor

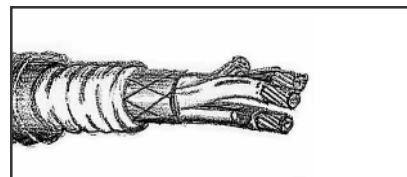
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# MULTI-CONDUCTOR TECK-90 C.S.A. (XLPE) 600 Volt 90°C, -40°C

Catalog No.	No. of Conductors	Inner Jacket Thickness	Approximate Diameters			Approximate Weight Aluminum Armor
			Inner Jacket	Armor	Outer Jacket	
12 AWG with No. 14 AWG Grounding Conductor and .030" XLPE Insulation Thickness						
P01P12	2	.045"	.42"	.62"	.73"	223 lbs/kft
P02P12	3	.045"	.44"	.64"	.75"	256 lbs/kft
P03P12	4	.045"	.53"	.73"	.84"	308 lbs/kft
P04P12	5	.045"	.53"	.73"	.85"	338 lbs/kft
P05P12	6	.060"	.61"	.81"	.93"	401 lbs/kft
P06P12	7	.060"	.64"	.84"	.96"	437 lbs/kft
P07P12	8	.060"	.69"	.89"	1.00"	479 lbs/kft
P08P12	9	.060"	.71"	.91"	1.02"	512 lbs/kft
P09P12	10	.060"	.76"	.96"	1.08"	555 lbs/kft
P10P12	12	.060"	.82"	1.04"	1.16"	669 lbs/kft
P11P12	15	.060"	.86"	1.08"	1.20"	761 lbs/kft
P12P12	20	.080"	1.02"	1.24"	1.36"	981 lbs/kft
P13P12	25	.080"	1.14"	1.36"	1.48"	1160 lbs/kft
P14P12	30	.080"	1.22"	1.44"	1.56"	1320 lbs/kft
P15P12	50	.080"	1.49"	1.71"	1.85"	1983 lbs/kft
P16P12	100	.110"	2.09"	2.34"	2.48"	3815 lbs/kft
10 AWG with No. 12 AWG Grounding Conductor and .030" XLPE Insulation Thickness						
P17P12	2	.045"	.47"	.67"	.78"	271 lbs/kft
P18P12	3	.045"	.56"	.76"	.87"	338 lbs/kft
P19P12	4	.045"	.60"	.80"	.91"	388 lbs/kft
P20P12	5	.060"	.63"	.83"	.94"	453 lbs/kft
P21P12	6	.060"	.68"	.88"	1.00"	511 lbs/kft
P22P12	7	.060"	.72"	.92"	1.03"	562 lbs/kft
P23P12	8	.060"	.78"	.98"	1.09"	620 lbs/kft
P24P12	9	.060"	.80"	1.02"	1.14"	707 lbs/kft
P25P12	10	.060"	.86"	1.08"	1.19"	767 lbs/kft
P26P12	12	.080"	.97"	1.19"	1.31"	917 lbs/kft
P27P12	15	.080"	1.01"	1.23"	1.35"	1050 lbs/kft
P28P12	20	.080"	1.15"	1.37"	1.49"	1302 lbs/kft
P29P12	25	.080"	1.29"	1.51"	1.63"	1552 lbs/kft
P30P12	30	.080"	1.37"	1.59"	1.73"	1813 lbs/kft
P31P12	40	.080"	1.54"	1.76"	1.90"	2271 lbs/kft
P32P12	50	.080"	1.69"	1.94"	2.08"	2864 lbs/kft

\* Shipping Tolerances +/- 10%

\*\* Also available in Galvanized Steel Armor

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