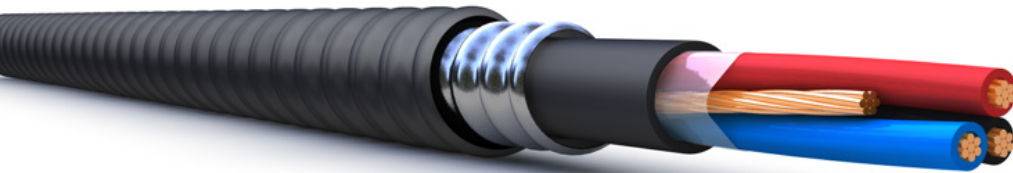


Teck 90 Armoured Power & Control Cable 1000 Volts CSA FT4 HL



Specifications

Conductor:	Bare 7 stranded annealed copper Class B in accordance with ASTM B8
Insulation:	XLPE rated as 90°C dry and wet and -40°C in accordance with CSA Standard C22.2 No. 131 for Type RW90 -40 insulation
Inner Jacket:	Black PVC as per CSA Standard C22.2 No. 0.3, 90°C to -40°C temperature rating, FT4 flame retardant, low acid gas emitting (LAG)
Armour:	CSA certified interlocked aluminum armour suitable for use in hazardous locations
Outer Jacket:	PVC as per CSA Standard C22.2 No. 131-M89, 90°C to -40°C temperature rating, low acid gas emitting (LAG) with excellent corrosion and sunlight resistance
Min. Bend Radius:	12 times the overall cable diameter

CSA Certifications

Standard C22.2 No. 38 "Thermoset Insulated"
Standard C22.2 No. 131 "Teck Cables"
Standard C22.2 No. 0.3 Clause 4.3.1 "Low Acid Gas"
Standard C22.2 No. 0.3 Clause 4.11.4 "Cables with FT4 Marking"
Standard C22.2 No. 239 Clause 6.2.4 "Outdoor Weathering"
Standard C22.2 No. 174 "Cables for use in Hazardous Locations"
Class I, Div. 1&2, Groups A,B,C,D
Class II, Div. 1&2, Groups E,F,G
Class III, Div. 1&2

Application

Teck 90 cables are used in the pulp and paper, mining, petroleum, and chemical industries, as well as, in commercial and industrial building applications. They may be used under the following conditions:

- In ventilated, non-ventilated, or ladder-type cable trays in dry or wet location
- exposed or concealed wiring in dry or wet locations on walls or beams
- directly buried
- CEC Class 1 Div 1&2 Group A,B,C,D
- -40°C (-40°F) dry or wet environments

Identification of Conductors

2 conductors: black, white
3 conductors: black, red, blue
4 conductors: black, red, blue, white

Part Number	Conductors		Ampacity (Amps @ 30°C)	Overall Diameter (mm)	Weight (kg/km)
	No.	AWG Size			
T1XAAUS4-2C-BFT4-HL	2	4	85	28,3	1197
T1XAAUS4-3C-BFT4-HL	3	4	85	30,2	1538
T1XAAUS4-4C-BFT4-HL	4	4	68	32,8	1846
T1XAAUS6-2C-BFT4-HL	2	6	65	28,7	953
T1XAAUS6-3C-BFT4-HL	3	6	65	30,0	1142
T1XAAUS6-4C-BFT4-HL	4	6	52	33,5	1447
T1XAAUS8-2C-BFT4-HL	2	8	45	24,5	655
T1XAAUS8-3C-BFT4-HL	3	8	45	25,1	771
T1XAAUS8-4C-BFT4-HL	4	8	36	27,0	908
T1XAAUS10-2C-BFT4-HL	2	10	30	22,0	498
T1XAAUS10-3C-BFT4-HL	3	10	30	23,2	613
T1XAAUS10-4C-BFT4-HL	4	10	24	25,1	718
T1XAAUS12-2C-BFT4-HL	2	12	20	20,7	420
T1XAAUS12-3C-BFT4-HL	3	12	20	21,3	478
T1XAAUS12-4C-BFT4-HL	4	12	16	23,2	584
T1XAAUS14-2C-BFT4-HL	2	14	15	20,0	378
T1XAAUS14-3C-BFT4-HL	3	14	15	20,7	422
T1XAAUS14-4C-BFT4-HL	4	14	12	21,3	469